

**2009 APS Graduate Student Membership Survey  
Verbatim Comments**

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**Question 4.2 Overall, what were the best features of these special programs for you and what could be added or improved.**

US graduate students

90029396 internet web meeting!

90040870 Statistics on where physicists end up finding employment.

90042583 fine as is

90049817 The meet the expert lunch at the April 2009 meeting was a nice idea. I don't remember if it was 1.5hrs, but I think this is a nice length. The food was really good. I sat with the head of Argon Nat. lab (I think) and we discussed energy issues, with a focus on nuclear power.

90050240 I'd like to see more features geared toward helping young graduating scientist improve their portfolio and find placement (career development).

90051667 I am interested in attending geographically local conferences or streaming conferences and seminars - all at the graduate and professional level.

90053318 I thought the march 09 energy workshop was great!

90054536 I attended a job fair. I think more accessibility to the posted positions before the fair would be nice.

90054909 At this year's march meeting, there was a session of talks on jobs in industry and how to find a job. Unfortunately, I could not attend this session because I was giving a talk in another room at the same time. I would like to see more examples of what people do with a Ph.D. in physics and have a chance to interact with these people.

90055259 The best feature was learning about other colleagues research in more detail, getting better idea that what really physics society is all about, and how senior physicists view things differently than students. Students involvement in meetings depends very much on their supervisors financial support and their school. Clearly there are more resources available for distinguished schools and their students. It would be very helpful if APS provided more financial support for students' participation in meetings, especially those who are attending not very recognized schools. The benefit for these students is two-fold they learn how far they are from "others" and whether they can survive in such a society, so if not, they have time to make a different choice for their life, and if they really see themselves as a potential candidate they learn which path would direct them to their goal. It would be very nice to have successful physicists to listen and guide the students and give them clear vision of what reality is and beside knowledge and passion what one really needs to succeed. The fact is that one should be very lucky to learn all these in school!

90057075 hearing from someone with a physics background who works outside of physics research is encouraging

90057565 the jobs fair didn't seem to have employers that were interested in hiring anyone in my field, which was strange since they were at the March

meeting. It would be nice if there were workshops on how to get a industry job

90059649 Free food. :) Contact with employers. Places to meet prospective employers.

90060713 I have not taken advantage of these special student sessions. I have found that a lot of my networking has been completed in and around the focus topic sessions in my current field of quantum computing.

90063157 Good feature: Make friends. Can be improved: choose a cheaper place to hold.

90063866 Made me aware of opportunities of which I would probably not otherwise know.

90065438 Professional networking

91002612 I enjoyed the rather informal, relaxed atmosphere of this event.

91003844 Expanding the programs by making inviting more people would probably make them better.

91003890 Being able to get some inside information on the prospects of being a career physicist as a woman.

91004034 learned the up to date knowledge in the related field

91004242 More of them, targeted at students. Especially on career development, etc.

91004260 The graduate student symposium at DAMOP 2009 was great. The professors where pitching at the right level over a wide range of topics.

91004331 Job Fair was very weak.

91004461 Student receptions made me interact with people of similar interests. Career fairs helps a lot for graduating students. Interdisciplinary focus sessions should be more. More international participation of employers, academicians would be good.

91004954 I really enjoyed the networking aspects of all the special programs. It helped a lot to meet people and talk, rather than just being one of many audience members. When I attend these meetings, I want to feel part of a community. This is, after all, my chosen profession. I want to know who else is a part of it.

91005209 The special workshops allowed greater interaction with other researchers.

91007529 I particularly liked the panel in March meeting 2007 (Denver) on having a family and being a professor. I also had a lunch with the experts with someone from industry who had recently become a professor.

91008134 Opportunity to associate with other graduate students.

91009070 the best feature is usually talking to other students about their work and their future plans (especially since I have to start thinking about applying for jobs).

91009289 the food was great! i appreciated the fact that there was vegetarian food.

91011613 A little more on career planning help for Industry jobs. Some more employers, specially few big companies (Intel, GE, Boeing) in job fairs and opportunities to interact with the experts from Industrial research labs.

91011937 networking is a great aspect.

91012152 The panel, talking with those in industry, was very good. I was unaware of the meeting until I arrived at the hotel free dinner was great.

91012560 I went to a tutorial in March 2008 on neutron scattering that was a useful way to broaden my knowledge -- it's not material that is typically taught in courses. It'd be great to continue these.

91012760 women in physics panel, need to encourage chat among people attending, would be fruitful with small breaks between talks for people to make friends and chat informally

91012776 I enjoyed learning of the capabilities of other groups! It would be VERY nice if a "Lunch with experts who plan on hiring postdocs soon" could be arranged as well.

91013839 Good opportunity to meet other graduate students in similar areas. More opportunities to socialize and meet people from other universities.

91013980 Opportunities to meet people, professionals, and a chance to talk about the job market and new developments within the scientific community.

91014001 I was satisfied with the special programs. Got a chance to meet potential employers.

91014053 I liked the relevance of topics presented and opportunity to establish professional connections.

91014204 Being able to talk with other students about their research was very inviting and casual. However, don't have special student sessions in the morning before talks as students aren't yet awake.

91015751 More Industrial and Postdoc opportunities at the job fair.

91015937 I learned a lot about various research projects by meeting students from different university. Workshops are very helpful in improving my presentation skills. Job fair gave me confidence by meeting industrial people.

91017747 They were good !

91018384 Job fair

91018528 helpful for the most part

91019131 More specific job counseling, especially for jobs outside of academia. APS is too academia-focused, which is dishonest and does a disservice, since there aren't enough permanent jobs for all grad students to stay in academia

91019876 Job fair. I think it could be expanded to include more employers, and more employers from outside of the immediate field.

91020201 The session was coincident with a "meet the editors' session so there was a lack of interested scientists at the session

91020558 nothing

91020650 If there were career panels at any of the DFD 2008, 2006 or March meeting 2007, I was not aware of them. It would be great to have a session/panel where students could learn about the different career paths taken by members.

91020900 best features were discussions about possible career paths

91021265 The job fair was not especially helpful. Very few employers had booths set up and not many jobs were posted to the website in advance of the meeting. Two employers contacted me regarding interviews late in the week when there was no time left to set anything up.

91021447 Student Receptions were nice to interact with others at your stage of life.

91021533 Meeting new people

91021926 It was interesting to have a chance to interact with an expert in a relaxed setting. Perhaps there could be a suggested outline for the discussion (e.g. the expert outlines his/her research, followed by each of the participants).

91021957 No suggestion !

91021977 The student paper sessions are the best to know about the current trends in all the fields. The workshops are informative esp on jobs, hot research topics etc. One suggestion is if the job interview sessions can be extended not just for the first 2 days, but more days. Also, special sessions for post-docs and how to obtain post doc jobs could be really helpful for many graduating students.

91022115 The best features of these programs are: getting knowledge and experience and getting in touch with other scientists and expert to improve research. Things to improve: more options for international graduate students.

91022147 I would really enjoy more opportunities to speak with professors about upcoming research as well as see graduate schools advertising their programs (for Master's and Undergraduate Students). Also, I would enjoy more announcements/press about summer schools in specialty fields (plasma physics) during the meetings.

91022196 Continuing to have programs tailored to students is important for building a sense of their community with APS. Being able to tailor these events to the diverse subgroups within APS would add value to these experiences.

91023198 Visibility would be an improvement. Honestly, these things haven't been on my radar when I attend an APS meeting.

91023201 More industry/gov't lab job related activities are needed. The career fair is usually a total joke.

91023498 Networking and discussing current research.

91023802 A good point was that the session was open to varying level of students, from high school to college to graduate level. Experts were willing to discuss the topic with students who are not in the field. The session could be more structural so we don't run out of topics to discuss.

91023888 I most enjoy the presentations.

91024117 I love the "lunch with the experts" at the APS meetings. It's a really great way to step a little bit outside your field and your comfort zone, and talk to somebody experienced and interesting!

91024312 Job fair should be expanded and employers seeking internationals should be sought out by APS.

91024378 The exposure to top scientists in the field of my interest was a particularly nice feature. Also, I enjoyed the review talks by the same scientists that describe their research at a more accessible level, allowing me to appreciate the year's accomplishments presented in talks in the remainder of the meeting.

91024635 Overall, I think that the only improvement would be that in any aps activity, you should provide more information about childcare.

91024678 Some of the best features of the special student programs were the chance to meet other students in a more informal setting and the specialized topics of these programs. Other useful topics could be added, such as sessions that discuss important steps to take in preparing for postdoc or faculty positions while still a graduate student.

91024912 I like meet the experts program. The number of the experts should be increased.

91025445 The career panel Q&A was informative and the discussion time was conducive to making connections. The room was much larger than it needed to be a more appropriately sized room would have provided a more intimate setting.

91025788 the student reception was not helpful, it was merely social for me and peers. the job fair was marginally helpful because I spoke to ~5/11 employers and I maintained interest and intend to apply for 1 job I discussed at this meeting. More employers would be nice. Also, friendlier employers I spoke to 2 employers who were not interested in hiring recent PhD graduates. I

wish I had been able to read about the positions they were interested in filling in advance (I did look at the APS career fair website in advance).

91026235 These programs are certainly helpful for students to get acquainted with different research field, so that facilitate the cross-field study for the student in the long run

91026244 none

91026253 I think getting to interact with other physics students, other women in my field, and experts in the field are worthwhile activities and I have no complaints about the events I attended.

91027733 Lunch with the experts was a great way to learn about a research area and network with other students interested in the same subject.

91028033 Need more employers for job fair

91028057 best part: Interaction improvement: crowd control at student reception

91028366 I enjoyed tours of lab facilities at hosting universities, both formal and informal (though i preferred the informal tours).

91028556 The speakers covered a range of topics in AMO broadening my exposure to other research topics.

91028716 I like coming to APS every year. What I don't like is that why there is only couple of sessions on applications of nanomaterials. I would like to see more sessions on applied sciences like they have in MRS.

91029466 None

91029604 opportunity to gain career advice from researchers

91029859 The workshop I attended on spintronics assumed a knowledge level corresponding to a post-doc or even expert in the field. Grad students were not readily able to keep up with the lectures.

91030209 It was good.

91030508 It was interesting to talk with experts of the field, so I was happy about that. Maybe graduate student forums mediated by experts might be fun?

91030750 Lunch with the experts was great for networking with a researcher at a national lab.

91030850 I really like the organized Poster presentation sessions and the talks. I wish you guys can instead of printing a schedule book, you can make it as files saved in memory sticks that will be given to everybody. I suggest that the talks need to be videotaped and will be given to who wants them.

91030866 The workshops don't work effectively because they are basically an extension of the conference: a place where people market their work and publications as opposed to open discussion about what the current problems are, with a wide perspective and an invitation for questions that would

connect rather than further atomize the field in which we work. The student reception is a joke, conferences would be better without a student reception, especially considering that it tends to take place around the time of the other reception for the physics VIPs. The contrast between the quality of the events is borderline offensive to the student community.

91030961 Career planning Sessions

91031159 Attendance at these events is usually very limited. Increased access would be the most beneficial.

91031245 the professional contacts in person, the intellectual stimulation, learning new phys aspects in more depth

91031288 More student lunches with experts

91031302 Everything is ok at present!

91031518 The best features were networking with other students and learning about other research opportunities available.

91031643 I've never taken advantage of interviews with employers. I think APS is very focused on the academic side of things, which is good. However, I am extremely interested in where a Physics graduate student fits in the industrial sector. Or does a fit even exist? If not, how can a fit be made? I remember in New Orleans, at the 2008 March Meeting, a retired IBM Physicist gave a talk about the role of Physics at a company at IBM, and I enjoyed this talk, even though it was rather generalized.

91031818 I really liked having the FGSA sponsored coffee and pretzels at the 2009 April meeting.

91031911 I can't recall much, which means they must not have made much of an impact in my career as a physicist. It would be nice if connections could be made with senior physicists, but given the nature of physicists... it's quite difficult.

91031986 I also attended APS Energy Research Workshop on March 2009.

91032064 The Job fair was helpful, but limited in scope. The amount of academic positions was disappointing.

91032105 Career forums are a great way to expose students to "non-traditional" uses of their degrees. In my opinion it is important to encourage students with such technical training to move into fields where experts are typically not so technically literate. These panels are a fantastic way to ensure students who will not continue in research to use their degree in a way that can benefit the scientific community.

91032480 More companies should be called for the fair.

91032594 chance to catch up with friends from college, etc. who i haven't seen in a year or more.

91032694 I like the in depth perspective you get into a field from experts without the popular science hype.



91032917 meeting other students, networking, and free food and wine

91032960 I thought that the workshops provided me with an excellent overview of the fields of research that I am less familiar with. It was also a good opportunity to network with professionals.

91032981 I don't use them much.

91033032 Renewable energy workshop was awesome.

91033046 I most enjoy meeting other students in a casual setting. It takes the pressure off and makes meeting the future experts in physics much easier.

91033271 The receptions were a good way to meet some fellow students informally at the meeting. The tutorials were also quite helpful.

91033296 the opportunity to talk with experts in an intimate setting. i would like to see these lunches offered during each day of the conference. that way i could meet more experts.

91033306 I liked the opportunity of interaction with others in my field and related areas.

91033307 The best feature was being able to see the current state of research in a wide-range of areas.

91033333 I liked them

91033614 interacting professors in the lunch with the experts is great. I hope there will be more "ask professor your question/doubts" kind of sessions/group discussions..

91033685 provide more background info about the workshops

91033742 APS DPP meetings provide good opportunities to look for jobs. I think that's important for APS to do, and I think that they do it well.

91034111 Best feature: learning about interesting research being done in areas outside my field

91034166 It was just fine.

91034290 The panel of the career advice is very good and the interaction with them at dinner.

91034360 - All physicist brought together created an atmosphere to learn what other people are working on and what is the progress. - Talks are little shorter to get into them

91034413 All of the special sections and receptions during the APS March meeting 2008 were really great for networking and meeting outside of presentations. I enjoyed the physics sing-a-long. There were so many great things at the March meeting, my only disappointment was that I couldn't attend everything I wanted to attend. There were so many interesting presentations and activities.

91034477 more employers

91034637 Student travel award was very helpful for me. Job fairs were also great to meet new people and increase my network and hear about different possibilities

91034893 Perhaps some experts in the area of polymer physics at the discussion tables might be nice for those of us in DPOLY

91034913 lunch with experts was lots of fun - make sure you promote it more visibly. Same for the "break room" - that was awesome and I didn't find it till the last day of the April meeting this year

91035321 It was a nice opportunity to meet and discuss physics in my field with a older researcher over lunch. Informal and informative.

91035386 A panel with a variety of career types (beyond academia) was the most useful.

91035451 It was nice to have a more relaxed environment where students could mingle (student poster sessions were nice).

91035566 nothing

91035637 I enjoyed the opportunity to network with other students and receive career advice. As I get closer to graduating, I expect to attend more of the career planning workshops.

91035641 introductory session on hot research topics

91035659 Wish I had attended the job/career workshop, but I don't have much feedback for the student session.

91035713 Lunch with experts Overall, these sessions are great

91035720 We can know about numerous research going around the world and progress in different field.

91035777 (1)Best features: opportunity to interact in a professional environment, present research, meet & talk with other physicists, and gain experience in the field. (2)Possible additions: perhaps introduce more "student" oriented/talk sections in APS meetings not too much to improve (APS already excels in many areas of physics education).

91036052 The best feature is the chance to meet with experts in other fields. No suggestions for improvement.

91036330 Special coverage on current topics.

91036697 Adding some programs to talk about the problem of life that a physicist may meet, such as job hunting, how to balance between research and family.

91036877 These programs helped me get in touch with fellow students conducting research on areas similar to mine.

91037011 the conference is huge and intimidating. the student happy hour/dinner is a good idea to get students together and talking to each other

91037388 Workshops for graduate students at the Division meetings have been fruitful. Perhaps there could be a central location at the Division meetings where faculty who are seeking postdocs could list their openings, and possibly meet with interested graduate students.

91038514 The best part of the APS meetings is that it gives an opportunity for the students to present their work in front of their community which leads to a very good exposure and experience.

91038889 Information was great. Timing could have been better planned on some of these events.

91039030 Free refreshments.

91039518 The best feature was student-student interaction because there was better understanding as a undergraduate in physics and a an environment that felt more conducive to question asking.

91039701 Lunches were an excellent opportunity to meet with distinguished researchers but limited space restriction was a problem.

91039708 It would be nice to have more career related events (academic or non-academic)

91039749 The best feature was the chance to interact with other professionals in the field and get their opinions on the state of affairs.

91039804 A more arranged schedule would have helped the two lunch sessions (w/ the experts) that I've attended. The first 15 minutes are sometimes done in silence (depending on the "expert"), until some level of comfort is reached and people feel comfortable asking questions/talking. Something might be done to jump start those discussions.

91039910 The best thing for me was to get to meet new people and learn about the dynamics of physics at different universities. I also learned a lot attending the sessions that were not directly relevant to me. Also, the NSF and NIH grant info session which was on the Wednesday evening of the week was pretty good and informative for me, as a grad student. I wish my tenure track advisor had attended that meeting with me!

91040291 Free coffee. Area map and spots of local interest in some of the program guides. I think the web browser program designed to record which desired talks were where at one time was really good.

91040328 Millie Dresselhaus

91040663 I feel that there were few sessions on biophysics.

91040676 Definitely a great way to become accustomed with a topic, but maybe more specialized workshops would be useful (admittedly for a smaller group of people).

91040706 The energy workshop was actually depressing. I left with the sense that my skills couldn't be applied to energy research, and even if they could, that opportunities would really have to be fought for.

91040735 More organization/direction about what's being done and the purposes.

91040881 Meet with experts

91041023 The communication was very good. Sometimes timing is not the best because there are other interesting things at the same time in the meetings.

91041046 I thought that the brief introduction for Students at DAMOP was wonderfully run. I hope these exist for all of the other divisions.

91041170 It was nice to talk to people I've seen in papers and books.

91041237 I have not seen any career fair for students in DFD meetings. I think this will be helpful if added.

91041428 I do not have enough knowledge to suggest anything.

91041429 learning what people are up to in my area.

91041446 It was great to be able to present research on a topic as a first-year grad student. Also, the prizes for best graduate poster/talk were very rewarding and encouraging.

91041452 I'd like to see more programs on entrepreneurship/non traditional career options.

91042569 Ability to talk to peers with similar interests and hear what they are thinking about. Perhaps just having more varied discussions/groups to key in on more important issues.

91042760 Networking

91042864 The student reception that I went to was odd. It served candy as refreshments (jawbreakers, chocolate malt balls, gummy worms), and appeared to be intended for very young students, although I believe everyone in attendance was in there 20's.

91042902 Paper presentations and vendor displays. I haven't been able to find funding through STEM initiatives to help with tuition and could use assistance in this area.

91043001 It is less intimidating and more inviting, so to speak, to interact with fellow graduate students. I have no suggestions for improvement.

91043205 Q&A with an expert. Add more room or have more than one expert in the same subject.

91043276 talk to distinguished scholars face to face, learn about their academic and career path

91043315 Bigger rooms would have been nice for some of the talks, they were a little crowded.

91043371 The program was aimed at us, i.e. didn't assume we had in-depth knowledge of the entire field, but provided the background on topics outside of our specific areas.

91043672 Discussion of current and hot topics in condensed matter, specifically superconductivity. In terms of improvement, i can not really think of anything at the moment.

91043695 There can be sessions in the APS meetings where talks are at the level of Rev. Mod. Phys. papers, that is, introductory and instructive at the graduate student level.

91043724 career preparation

91043737 Make job postings or make job interviews within the APS meeting period

91043799 I attended the nano-composites workshop before the March 2009 APS conference in Pittsburgh. The event was properly planned and reimbursement was offered for some of the students travel expenditures. Need improving coordination with speakers. Many of the printouts provided did not match the speaker's presentations and at least one of the presenters was not prepared.

91044172 Short courses on specific areas will definitely be helpful.

91044230 APS meeting is a great event to learn about the different aspects of research. It also gives great opportunity to interact with people of different research area. All the arrangement in the APS meeting were excellent. We should keep on continuing this.

91044343 It was hard to locate these programs at the convention center.

91044398 Make the programs a more prominent part of the meetings.

91044473 I attended the Workshop of Polymer of Nano composites and it has helped me greatly in my area of research.

91044560 Lunch with the experts fills too quickly. Especially since sign-ups open during the noon session when I was attending talks. It would be better to be able to sign up first thing in the morning.

91044696 I really liked the tutorial sessions (on DFT, etc.) and the lunch with the experts. Good lunch and good conversation, and an opportunity that we'd otherwise probably not get.

91044957 wine and cheese was good.

91044975 Its a very big meeting, I got to attend lot of famous people's talk. One problem is the lot of them were parallel talks, if there is a way we can avoid that would be great.

91045019 The tutorial sessions the day before the March Meeting begins are always excellent. I hope they continue to be so. I find those talks more

interesting than most of the rest of the meeting. I am also particularly looking forward to the job fair portion of this March Meeting as I get closer to graduation.

91045129 Job fair And Still Job fair has to be improved. It needs to be advertised to Industry more efficiently.

91045142 At the "Lunch With the Experts" event, I enjoyed having small group interaction with a prominent professor on an interesting topic. It would be better to have a larger group of experts so that more students are able to participate.

91045311 Various topics

91045386 Job fair was a great chance for me to talk to people working in the field I want and network directly with them. Widen the scope of industries that come to job fairs.

91045400 The lunch with the experts would be improved if more "experts" participated, increasing the number of students who could join and partake of the experience.

91045700 There was a particularly bad speaker at the energy workshop in March 2009, who spent 45 minutes of a 1-hour talk on his first ~5 slides. It is difficult to control the speakers, but maybe fewer speakers would be preferable to bad ones.

91045832 WAS VERY HELPFULL

91045877 DFD meeting is not really at a good time for graduate students. End of December (after Fall semester) is a good candidate but then there will be conflict with preparation for AIAA meeting in early January. So, it would be nice to discuss different possibilities and let every APS-DFD members vote for the best month for this meeting. The Luncheon with experts, Minisymposia, and Invited Lectures are my most favorite part of the program. And I would appreciate any improvement in number of experts, variety of Lectures and Minisymposia. And no time conflict between any of these would be greatly appreciated.

91045951 Lunch with the experts was a great experience, because it was more interactive. Granted, I am still early in my APS involvement, so I saw this lunch as a route to becoming more involved in the APS March Meeting (if not APS as a whole). As I continue to become more experienced in the field, I assume I'll appreciate talks and workshops (one thing I hope to attend next year in Portland), but anything that gets young APS members more involved in the March Meeting is a huge plus!

91046257 The workshop is good for its intensity.

91046381 Lectures by experts in the field. Interaction with other students working in the same field.

91047177 Nice chance to connect to students from other institutions.

91047349 Meeting and interacting with other people in the field.

91047377 I didn't get the impression that the employers were very serious. It seemed like it was just a very standard event for them, where they hand out business cards and justify their HR departments. This of course is through no fault of APS. Recently I accepted a postdoc from a researcher I met at the APS March meeting in Pittsburgh. It would have been nice if there were some sort of 'mechanism' set up where professors seeking postdocs could interact with grad students. It worked out okay for me, but it felt a little awkward. Perhaps this could be integrated with the job fair (postdoc seeking professors interacting with grad students).

91047529 The social events were nice, overall I'd like more opportunity to network

91047565 I enjoyed the different perspectives. I hope that these sessions will continue to be informative and helpful.

91047572 It gave me more exposure to different career opportunities

91047616 specific programs catered for Students made us feel that there was something being done to address students' needs.

91047837 It is very good for students

91047873 The job fair at APS is tiny and not very useful. There need to be more employers present for it to be worthwhile.

91047925 I attended the biophysics workshop in 2008, I thought all the talks were good but probably could have added some on instrumentation. The lunch with the experts was a good experience overall.

91048151 More employers should be present from a larger range of industries.

91048170 Networking

91048256 talks

91048472 I had hard time finding a relevant topic in the expert sessions. I wanted to talk to an expert about spintronics, which is my research area. But there was nothing close to my subject.

91048513 It was a decent lunch, but the "expert" could not attend due to some emergency.

91048588 I enjoyed interacting with leading researchers in the field.

91048622 They were great!

91048977 The reception was great - a lot of fun.

91049213 Conduct more of them in this region. Given the proximity of Southwest Research Institute in San Antonio, this would be a natural place to hold higher level meetings, often chalked up to DC, Colorado, etc.

91050039 The APS seems to be very committed to helping students, especially PhD students, advance in their careers. This is much appreciated. The

discussion panel for students at the April Meeting in Denver this year was especially useful.

91051056 Good talk by the experts.

91051135 If it could provide all over service ,that's cool!

91051910 I thoroughly enjoyed the workshop on alternative energy for graduate students held prior to the Pittsburgh March Meeting.

91052099 None

91052128 There were too few seats available for the "lunch with the experts" event for me to get the expert I wanted but my second and third options were available. The whole experience was a lot of fun. You can walk into a situation you know little about and find something fascinating in it if the right speaker is present. I enjoyed myself very much.

91052246 See what other people do. It is quite good, don't see a need to change something.

91052432 postdoc job fair with both interested students and professors

91052459 National conferences because APS isn't a strong influence at LSU at the undergraduate level. Most instructors don't consider an undergraduate of any value until the student has started their graduate work and attends graduate workshops and/or lecture series in a specific area.

91052978 Greater interaction among graduate students and their research.

91054858 More student travel and presentation awards.

91055957 In my opinion more could be done to attract companies to the job fair more than 15 or so companies and labs must be interested in hiring physics graduates!

91056234 Meeting notifications emails and brochures are among a few features I liked and appreciated.

91056335 I thought the lunch with experts was well done. Upon reflection, I can't remember if I went to the student reception or not.

91056354 Possibility to meet with interesting people and to build a network

91056361 I really found APS sessions a big opportunity to meet experts in my field. Also i was given exposures to many papers by students and faculties from other universities.

91056408 I would have liked to have known about the lunch with the experts sooner or I would have liked for there to be more available seating. I missed out on this opportunity because the sign-up was full much earlier than the sign-up deadline.

91056447 Allowed a forum for presentation of my work



91056494 Exposure to the types of questions others are asking about colloidal systems and microscale flows.

91056740 Pittsburgh March meeting was well-organized. I don't know of any changes to recommend at this time.

91057379 I attended a workshop on energy research and found it informative. Though the Q&A format that occupied the latter part of the afternoon was ok, I thought a break-up into smaller groups lead by a single speaker and then rotating every twenty minutes or so would have been better. Also, hearing talks from students in energy research would have been nice.

91058430 The one I attended went off in the direction of visa issues, which was not so relevant to me.

91058958 I was really impressed with the special programs ,namely the one that dealt with the renewable energy resources. I would suggest some first hand exposure ( lab visit, actual on-site visitations etc) with regard to these special programs if that is feasible.

91059366 The APS meeting provided a platform for better interaction between graduate students and Professors/Researchers with an enjoyable academic atmosphere.

91059544 The CA APS section was a really great experience, as was the divisional DPP meeting. No suggestions for improvement.

91059659 open my eyes

91060133 I feel the workshops are the best.

91060296 The APS meeting was the only place that I can see so many experts in all fields in physics.

91060524 get to know experts

91060690 I have to check the other programs (maybe they should be advertised a bit more)

91060749 Lunch with experts was a very special program. The APS DFD Meetings had very large number of sessions going on at any one time and is an issue when one wishes to attend two talks which take place at the same time (due to the very large number of sessions going on at a time, it becomes inevitable that one ends up missing a few presentations of interest). I believe this issue could be sorted by a longer duration of the meeting.

91060754 The food was pretty good.

91060805 APS conferences were impressive in that there are plenty of opportunities to get oral presentation for students which is not common for other conferences it would be better if there are more local meetings/conferences to get close with other researchers/students.

91060935 No

91061004 It was very good.

91061297 I would like to see more program geared towards students who want to explore more outside of academia. Only a small percentage of us can secure a job as a professor, and for most of us, we don't know anything else besides research.

91061354 APS March meeting broadened my viewpoints.

91061384 job fair, should not only confine to industry, also , should include academic opportunities, such as Postdoc recruitment

91061391 I did not find a specific program that was related to my research area, which is layer-by-layer assembly, polyelectrolyte, and colloidal suspension. If there were one, I will be very interested to attend the meeting.

91061437 Job fair extremely small.

91061478 It was good to attend the sessions so that we can stay updated.

91061553 The students could present their current research in public and get feedback from the experts.

91061608 broad communication. It would be better if a representative professor in each area of physics could be invited to attend the student reception.

91061647 A chance to interact with my peers and discuss research.

91061743 I like the student dinners/receptions b/c we get a chance to meet other students in our field, or catch up with old physics friends.

91061789 More career opportunity.

91061794 The special features were mostly worthless.

91061880 I mostly did not know about the other programs going on during the March meeting. Some of them I found out from others, some I just randomly ran into. Therefore, I guess, advertising them more (let's say by an email to the student attendees before the meeting) would be beneficial.

91062206 Can the time of the 12-minutes presentation session be increased?

91062240 can get new ideas from other people, who involving same kind of research.

91062267 I liked the special topics seminar sessions, as it was good to listen to detailed presentations.

91062294 It was nice.

91062311 I learned much from the workshop.

91062368 Career fair could be better!

91062406 I really enjoyed the Energy Workshop provided with this past March meeting but the networking lunch could have been improved upon. It was very

difficult to meet with different people and a more controlled introduction would have been appreciated.

91062477 Job fairs.

91062485 They are all good

91062516 It would be encouraged a physics graduate student like me or the other that APS will have a summer school program for current hot research topics i.e. spintronic: principle and applications. The workshop that I attended in 2009 APS March meeting in Pittsburgh was too short and tight schedule.

91062544 I liked the informal nature in which they were organized. A great forum for beginning grad students!

91062657 It was quite good

91062797 Seems most people went there for the food, chatted briefly and left. Multiple events on several days might be better otherwise i may never see those people again.

91062856 Many opportunities Many experts Many Colleagues.

91062931 The best feature is to meet distinguished speakers and colleagues to enhance my networking and future partnerships.

91063025 I really do not get much out of them. I go because I feel I need to go for networking.

91063196 I like physics today

91063568 these programs provide a broad range of insights for graduate students who are still not certain of the prospective job alignments in today's job market. The one suggestion I have is to involve with more diverse employers, especially small size enterprises.

91063687 More information for jobs in physics, which help student understand better about their future.

91063709 good for interaction and sharing ideas and also to get feedback.

91063771 Having a time to share with experts in a field is a great opportunity to learn about their experience in their work. This should continue to be made. It's hard to say what could be improved on these sessions as the only thing that comes to my head is more time but...

91064443 The best feature is networking. I would like to see more information on alternative careers for physics PhDs.

91064444 The career program was useful since I am about to graduate and at least, i had more motivation on getting ready for job search. Other than that, I found APS meeting very useful in terms of my professional development.

91064581 The international researcher forum at the APS meeting was excellent. I need to travel and work overseas and the advice given there was very good.

91064650 I was exposed to a horizon of opportunities.

91064669 Lunch with the experts was great because it was a small group discussion. The student receptions were fun and provided excellent networking opportunities. A major improvement would be having more employers at the job fair the representation there was woefully inadequate.

91064822 networking activities

91064842 These programs were pretty good and well organized.

91065140 They are very informative and help us to get somewhat clear picture of the opportunities ahead.

91065184 Opportunity for presentation for students.

91065388 It was a great experience. I wish though, that everyone gets the time to clear their queries

91065672 please add international student research

91065741 I think that was a great opportunity for me, since I could interact with the professor who are experts on their research area.

91065802 More student receptions!

91066078 Job fair

91066233 The graduate student events were well planned, but could have been publicized better.

91066253 get to know what other people are doing

91066447 Learning about real methods for solving problems in a government lab. Talking with an expert.

91066462 Information of what kind of specialist is needed, and where. And what others are doing.

91066478 Meeting with all the experts at the same time is great. Current hot topics are nicely covered through invited talks and more number of sessions. Only improvement I can think of is to reduce the number of parallel sessions going on at one time.

91066549 The best feature of the workshop was that there were so many experts in the field all in one place at the same time. This made discussions very interesting, and gave me a wider perspective on the field (superconducting qubits). The workshop would have been improved if some references were distributed BEFORE the meeting so that the speakers wouldn't have to start at the absolute beginning of their subjects.

91066578 Job fair

91066719 more undergraduates at the march meeting.

91067024 very systematic learning

91067750 I like the social nature of the events. It allows for easy networking.

91067767 The career panel was helpful.

91068430 I would love to see APS get some visibility for LGBT physicists. I've looked into the Committee on the Status of Women in Physics and the Minority council but neither one so much as mentions physicists who are lesbian, gay, bisexual, or transgender.

91069161 more interaction

91069188 career faire stuff would be cool

91069405 It was interesting to know how to build your carrier in physics in right way. I don't know what to improve cause I've little experience and don't have anything to compare with.

91070480 I feel there should be more companies coming to the job fair.

91070496 I got to interact with so many people from the same field. It was overall a very nice experience and I think we should have more meetings like this.

91070521 job fair

91070575 Need more participant employers

91070594 Unfortunately, I don't know enough information about these special programs to leave a meaningful comment.

91070893 specific to my field of study. bringing in experts in related topics would help.

91071023 It would be wonderful if the APS members, who almost getting their degrees, start receiving some information regarding the available jobs in their fields. That would be very helpful, and it would save students time and offers.

91071116 Variety of Topics, wonderful location as well! :)

91072131 They were pretty good but should involve students greatly rather than just let them attend.

91074145 Would like to see more Job Fairs with the financial support for visiting. Some departments are not interested in paying to Grad. Student to attend the Job Fair. Therefore it is challenging to task to attend such Job Fairs without appropriate support. One can also organize some sort of online participation in the Job Fair with possibility to upload online career files and have an online interview. (This could be convenient for students who cannot afford to attend the meeting in person).

91074688 Simply meeting with other's in my field that will be joining the professional work force at about the same time I will. Forging connections, etc.

**Question 4.2 Overall, what were the best features of these special programs for you and what could be added or improved.**

**Graduate students abroad**

91006156 These programs allow interacting with other students. For me was really helpful to have such discussions with other researchers.

91015295 The workshops in which world-class scientists give grad student level surveys and introductions of modern topics are excellent, and I can only recommend more of the same.

91016072 I did not participate in very many, unfortunately.

91019819 I attended the workshop on renewable energy technologies pre-March meeting 2009. This was extremely useful to focus my future career plans. I also attended "Putting your degree to work..." by Peter Fiske pre-March meeting 2009. It was useful to see other career options to those I had assumed.

91019840 I enjoyed lunch with experts. It was a good chance to not only discuss informally with someone working in the field but also meet the other students who are interested in the same topic.

91023051 Have a glimpse on the current/future topics in physics. The subjects could become more diverse

91025518 I enjoyed lunch with the experts

91025629 Better advertise the events. They tend to drown in all the other information. If you are a student member visiting the march meeting you should get a separate cheat that lists the "student activities"

91036941 There needs to be coffee supplied during the "coffee" breaks!

91038696 Good to hear about current research topics in my field of study

91044612 The lunch was... awkward. I had no idea who this expert was, so the gain was minimal.

91047906 The best features: meet some professors and students in the same area to discuss problems, which is very useful.

91048627 They helped me think about what I want to do after I graduate. They gave me a better perspective on the types of jobs available and possible.

91049215 Good discussion with other experts.

91051812 The best feature was having the opportunity to meet an expert in the field, however the structure wasn't the best and there wasn't enough time to discuss any technical matters with them. mostly the time was spent as a general chat.

91052644 I enjoyed the opportunity to meet US students and learn about their organization, and expectations.

91054883 The best is Career panel discussions & workshops

91056159 The travel grants for Mexican students and faculty give a great opportunity for us to get knowledge of cutting edge research, getting involved in it and making contacts that will definitely help Mexican science to develop and improve. In behalf of Mexican students, thank you. Maybe you could think of making the membership free for graduate students as well.

91060696 the contact with people who is working in same subjects invitations for postdoctoral programs

91061330 I would like to participate to more features for students such as job fairs. However, in my previous attendance to a research meeting, I felt that more student features are made for post-graduate research (finding Post-docs, jobs at national laboratories) and I thought it would also be good to have a workshop or some meetings about graduate studies itself. Also, as a foreigner, I am interested in working in the States after my graduate studies and I would like to have more information about the possibilities for non-american students to prepare their future in the country.

91061494 I joined a workshop organized by DPOLY, which is a new field to me. Through the small group discussion led by an academic staff, I experienced a new way of leaning, which I have never had before. After the workshop, new inspiration on research has been stimulated immediately. At the present stage, the participants are more or less the students from States, who are already familiar with such a unique way for learning. But I strongly encourage student from other countries, who is experiencing a rather different educational system like myself, to join the workshop. Some financial supports would be very useful.

91062549 Nice Introduction. Perhaps a break in the middle of the 4 hour session. Last few talks seemed to try to condense too much.

91063090 More opportunity for Canadians to work in US Gov labs

91063219 Computational Fluid Dynamics

91064607 The lunch worked well, as I got to speak to some potential collaborators

91064905 March meeting is a good opportunity to communicate with many researchers in various fields. But several good talks are given at the same time, so I have to give up some of them. I hope let the interesting talks given one by one.

91066043 It was great opportunity to meet the experts and have lunch together. It will be better if the number of experts are increased to have more chances to have a talk.

**Question 4.2 Overall, what were the best features of these special programs for you and what could be added or improved.**

US recent degrees

90011367 They were a good survey of the issues physics graduates face in the workplace.

90033834 I would recommend more advertisements for possible job openings at the job fair both in academia and industry.

90039578 The meet the experts with the editors of Phys Rev journals was very friendly and interesting.

90041198 The opportunity to interview with companies (i.e. outside of academia).

90043543 The special topic presentation on Energy research was excellent. It's always challenging for researchers to transition fields organizing workshops targeted at graduate students to help understand new and growing fields is very helpful.

90048763 The job fair was a good venue to discuss job prospects. It would be nice to have a slightly bigger job fair for a wider cross section of the jobs community.

90049569 It was nice to network and see what other students were experiencing.

90053404 To learn about the job market and to meet recognized physicists and potential employers.

90055015 Opportunity to meet with professors in informal setting, without necessarily having connections.

90055788 Student sessions at DAMOP are interesting and well-selected. Receptions are sometimes useful for meeting people. I would love to see more career-type stuff at DAMOP. Given my AMO focus, I am less likely to attend an APS annual meeting.

90056017 The big reason for joining is Physics Today and APS membership at a discounted rate. The student stuff at the meetings was a bonus, but not restricted to students. Also, the student snack time at the March Meetings has been fun, and a good way to meet up with other students.

90056252 More than two years ago I attended lunch with an expert at a march meeting, and I learned a lot from the expert and other students at my table. I think this should be continued and improved by creating an avenue for students and the expert to stay in touch after the luncheon and possible at future meetings.

90056332 Experience with future employers and interviewing.

90060242 A better economy might have led to more booths at the job fair. I may well have attended the career discussion if I had known about it I must have been caught up in the regular March Meeting sessions.



90061384 Career development (particularly for women) was really useful. However, I did not like speakers that just discussed their list of jobs. I rather hear more about what they like and don't like about their jobs. Tips on how to get jobs are good too.

90061894 The job fair I attended seemed to have a more limited number of jobs than in past years albeit not due to APS, but the overall job situation in the country.

90062470 More diverse topics at the expert lunches would be nice.

90064491 Offer these programs at DAMOP.

91002519 I feel that the social component at the march and April meetings really helps foster what APS stands for.

91003317 APS meetings are the best place for students to become familiar with people in their field of research. I think that the lunch with experts is a very good program. I met many students and colleagues in this manner. I think the biggest issue with APS meetings is the ability to provide travel support to graduate students. Without this many students would never meet colleagues or present their work. APS does an excellent job in this respect but more support is always welcome as graduate students don't get paid well and some have very little external funding. Also, 10-12 min is very fast and it would be nice to increase this to 15-20 for special student presentation sessions. For high profile collaboration talks and results it would be nice to hear more and be able to present more about the work. However, I realize the April meeting is a very large meeting and increasing the time is difficult. The April APS meeting is by far the biggest venue to meet potential employers and allows you to sample other areas of physics with which you otherwise have very little contact. I have encouraged all of my fellow graduate students to present and attend the April meeting.

91004457 I have attended tutorials at the March Meeting. The sessions which I've attended were essentially a series of seminars and, hence, not too useful. One session was a bit more "tutorial" but was basically a long power point presentation. It is very hard to "learn" something this way: information flows much too quickly for a novice to digest. My suggestions for making these tutorials more useful for beginning students: 1. Each tutorial has only \*one\* lecturer so there is coherence. 2. Discourage power point. Maybe a tablet laptop can be provided so speakers can write as they go along. 3. Solicit lecturers from good teaching institutions like Harvey Mudd or Haverford. 4. The focus should be more modest: to teach beginning students about a more specialized, but not necessarily "cutting-edge" topic. There is no point in turning these tutorials into essentially "invited sessions". 5. I think it would be effective if the tutorials could coordinate with the invited sessions so some of the former could serve as background for the latter. For instance, suppose there is an invited session based on some new experimental development on the quantum Hall effect. Then, maybe one of the tutorials could be used to explain to beginners what the quantum Hall effect is maybe provide theory background for the experimental technique being used and so on. If done properly, this could be really useful. Once again: the point of these tutorial sessions should be to \*teach\* something. If they end up providing "bird's eye views" of something current, then they end up just being "invited sessions".

91004468 The career fair had very few job opportunities, partially due to economic condition. But I do believe APS can attract more employers.

91005399 At the career panel, include more variety of possible alternative career choices - when I went there were two editors and one other person. Perhaps have a larger panel with those from consulting, wall street, national labs, other industry, etc.

91006326 Career workshop for journal scientists

91008695 The energy careers workshop was topical and well planned.

91009684 I think more employer should be invited or encouraged to attend the APS job fair!

91011049 Topics covering how to write research proposals, how to network, job market situations, etc were all very useful. For those planning these, all one needs to do to have a successful topic is to ask: "What do I know now that I wish I knew as a fresh graduate?"

91011408 There were few companies attending the Division of Plasma Physics job fair. The methods of communicating with the employers pre-fair were not well organized. It was unclear whether several employers received my communications via the job fair web site.

91011834 student reception, job fairs, workshops on current research topics

91012143 The opportunity to talk to experts in the field.

91012285 The DPP job fair was great - it was well organized, efficient and easy to participate

91012542 1) talk programs and presentations for each specialized area. 2) job fairs

91012598 More private interviews.

91012960 job fair was useful, well organized and information was easily accessible.

91013485 Since all I attended was the job fair, I would comment that it would be useful to have more employers, especially representatives from large Labs or other large employers.

91014379 Physics today is free for members.

91015427 The topic selections for special programs seem highly relevant. I do not have suggestions for improvement.

91015551 I really liked the career talks that I went to, especially learning about opportunities for physicists outside academia and industry.

91015609 The program were informative. The first thing that needs improvement is the general status of science in the world, but this is outside of scope of this survey.

91015841 I interacted with many researchers in Fluid Dynamics and Turbulence. I even started collaboration with two researchers after meeting them at DFD Conferences.

91015864 the wide range of research topics that can not be seen at other small-scale meetings

91015952 Not sure what you are referring to. The DFD meetings are great.

91016502 Program on careers was good. It's important to get information from people that are a few steps ahead and to learn from their experience.

91016554 The Career center/Job center at the APS March meetings have had very, very, very poor attendance by prospective employers. For the past two years, it was frankly a waste of my time. The APS career website on the other hand is quite good. Hopefully this rather large shortcoming can be remedied.

91016613 interactive nature. more scope.

91018385 The various presenters in the energy research workshop all had admirable careers and interesting research, and I greatly enjoyed the one-day workshop. However, I was disappointed that it does not really appear possible for the average physicist to really contribute to that area of research, unless your research has already specialized into that area. This is more of a reality of life than a drawback of the workshop, however.

91019221 Meeting with peers from both domestic and international universities, discussing research in an informal environment, provided food and drink. Music and venue could always be improved - converted ballrooms or conference rooms feel stale. Perhaps organize a student social at a nearby restaurant or pub.

91020215 The plasma physics job fair was poor at best. There were a several national labs, but very few companies present. This would be a more valuable experience if APS did a better job recruiting companies to attend.

91020528 Timing facility for sessions can be improved

91021159 Most employers did not have booths at the job fair. All employers should have a booth, rather than just a listing online.

91021266 tutorial talks

91021654 The career-related events for students have been the best for me. I think additional information on non-academic careers would be great to have, since the odds are against students becoming tenured faculty. The more information on what people do with their physics PhDs, and the earlier that information can get to students, the better.

91022257 I think some symposia designed for graduate students (or even organized by graduate students) will be wonderful.

91022516 Students should be encouraged to write papers

91022620 It's an excellent time to network with other students (a.k.a. future faculty).

91022986 Got new ideas about proceeding with my research from different perspectives. It was pleasant to meet researchers from other universities. Enjoyed visiting the area where companies display their equipment and getting some free stuff etc.. One thing I always wished to meet more people and have more talks from my research area but that was never the case.

91023019 meeting

91023165 Improved advertisement would be useful as I did not know about the programs until very late.

91024662 Job workshop and lunch with expert are very good programs.

91024892 needs more time to know people and make friends

91025757

91026232 Financial discounts for graduate students are very much appreciated.

91026943 new faculty members coaching senior grad students/post-docs on academia job process.

91027904 Talk with other students.

91028352 I attended a women in science workshop which was quite insightful.

91029500 The lunches for women in physics are really important. It provides important networking, commiseration, and a chance to trade strategies and get advice on dealing with issues from more senior women in the field. It is also a chance to remind more senior members of the field that all is not well for women, even if they might not see all of the things that are done to more junior women.

91030769 I loved talking to the experts. I especially liked it when they gave positive advice. I would have liked to take advantage of more of the meetings intended for students.

91030950 The best was getting a chance to speak one on one with experts outside of my current university.

91031683 Job Fair

91032239 open up more spaces in the lunch with experts session

91032361 More interaction with professors and job assistance are the two big things in my mind that should be promoted. Most APS events were pretty well organized but it is sometimes hard to break the ice with strangers.

91032447 APS march meeting is too big. reduce the number of sessions. It means not everyone's paper will be accepted. That is better

91032485 I am not a US citizen and almost all of the (very limited) employers at the job fair were for jobs in the defense sector (e.g. unavailable to me). This turned out to be of no use to me. It would have been very useful to have had many more potential employers at the job fair and specifically, some who did not require security clearance.

91032887 good insight into future job paths. it was too big for me. tribology was lacking which is my field

91032930 good chance to hear others research interest

91033317 It was nice to get to know an expert - it might be nice to have more experts participate because the spots fill up quickly.

91033359 Job fair

91034067 Interaction with other students and others in the field.

91034390 a print copy of Physics Today

91034835 free lunch or snack

91035638 More effective

91035660 Well organized I am pretty happy. Meetings are huge and it is difficult to move from one point to another I know you can't help it! Long live APS!

91041702 More career fairs and broader access to employment opportunities

91042921 The career panel's interactive nature was quite helpful.

91050186 I felt that the job panels were a little too general and could benefit from more specific focus.

91051985 Interactions among scientists

91052433 The job fair provides the students with a great opportunity to talk with people in related industries. It would be better if more companies participate in the job fair.

91052457 It was good to learn about current research topics.

91053090 Poster presentation session was very enjoyable and gave a good opportunity to present to the rest of the field. Also gave a talk and fielded questions on my work.

91056316 Excellent overall, maybe more experts covering more fields

91056609 I gave a student talk in the SESAPS meeting at Raleigh, NC. It was a small meeting and my section/presentation facilities and everything else was fine. I do think that the days and times of the meeting was not too desirable. Also, I don't remember a career related information session or companies. Even though it was a small meeting this is important for students close to graduation to have opportunities for applying for jobs.

91056713 touch base with the Physics community.

91059691 good

91061082 Student Presentation gives a wonderful experience to students starting their professional career. But many of them were paid very little

attention to and the number of audiences are very small. My impression was that the presentation does not provide an opportunity for them to discuss their research with other scholars and friends. One thing is that you can force the speakers in each session to come before the session begins and to remain until it ends.

91064770 Over crowded

91065853 Networking

91069539 I liked the food and beverage offerings and the sizable lectures I was able to attend.

91070370 good network environment.

**Question 4.2 Overall, what were the best features of these special programs for you and what could be added or improved.**

Recent degrees abroad

90038369 i wish, you had more jobs at the job fair

91005674 Could use more seminars on job search and career guidance for graduate students - both for academic and especially non-academic job search.

91016248 they were very well organized

91020259 Career panels are fabulous. I'm pretty happy with the student program.

91044049 The lunch with the experts was a little too short when the discussions started to warm up, the schedule forced a few of the experts to leave early.

91046888 As I mentioned, I registered two APS March meetings, but I did not make it on time due to later US visa issues. I would suggest that APS could provide meeting invitation as early as possible.

91048856 More contact and discussions with the experts

91049472 They were ok in my opinion and cover my expectations

91055592 Best feature: abundant sessions focusing on broad topics

91056265 For me the 2008 DFD meeting was amazing, the organization, the participants. The only thing that I will complain about will be the time that some authors spent at their talks, i.e. an author had 30 minutes for his presentation and he spent more than 40 minutes.

**Question 7. What additional programs, benefits and or services would you like APS to provide because they would be helpful to your career over the next few years?**

US graduate students

90029396 meeting accommodation discounts!

90036818 More focus on non-traditional physics career paths

90044190 Forgive my generality, but: Anything to help promote the learning of Physics, especially by me.

90045939 More direct industrial career assistance. The current career assistance seems to aimed more for the academic path.

90049817 I took advantage of the childcare grant award this year at the April meeting and it helped out a lot. I think increasing the number and/or the amount of these awards would help me attend more meetings. I also would like the APS to encourage it's division meetings to offer such assistance as well. Can the APS provide group health insurance?

90050240 I can't think of any additional new programs, but rather building on the existing ones and helping develop them. Perhaps help these programs gain more exposure with employers, so more of them can take part in the job fairs for instance. Gain a better feel for what employers are looking for, and try to stimulate more of them to participate.

90050947 Get my name right.

90051667 Online video streaming of conference presentations. Come on guys, join the 21st century :^)

90052107 I'm leaving physics, so I don't really need anything.

90052149 expansion in education activities and assistance to students to attend meetings

90053281 It's an unspecific answer, but help finding jobs.

90053318 improve career site in terms of non-academic/non-traditional offerings

90053670 Comprehensive hiring and salary information.

90055259 Since it is likely to miss the opportunity of attending the workshops or job fairs, it would be nice to make an extended electronic version available to student members.

90055468 I like advice columns that help educate scientists on how to do well in various stages in their career.

90055783 career matching services...i.e. monster.com for physicists.

90056544 More funding for graduate students to attend conferences.



90057075 alumni directory

90057129 A more extensive job listing service. It would be nice if the APS provided THE place to list and find physics jobs.

90057452 it would be fantastic to have emails sent with summary of conferences, dates and locations

90057565 It has been very difficult to find jobs for physicist in industry. It would be helpful to know how people get those job and how to market myself to industry. I have not been able to find that with the job services you have provided so far

90057813 Not sure if this is already present, but a way to load dissertations and publications into a free, searchable database so that they can be read for free by members would be EXCELLENT.

90058072 Providing more information on smaller companies that employ physicists.

90059052 More connections to other professional societies, e.g. AAS, such that communities in the physics interested in astronomy (visa versa) can be connected.

90059187 Supporting the integration and success of women and minorities in physics.

90060713 Awards/stipends/support for students finishing their PhD to travel to interviews both for academic and/or industrial jobs.

90061923 health insurance ... lol

90062472 I would be interested to see some APS-sponsored high-energy physics meetings. it seems that there is virtually no connection between the high-energy theory community and the APS. (I cannot recall even having heard of a HEP theorist going to an APS meeting)

90062809 I don't know. A job?

90063122 Mentoring for women graduate students

90064418 online networking site - maybe within facebook? just an idea...

90064888 APS should encourage scientists to blog about their research, or about the research they see around them, through outreach or preferably with special grants (ie, extra income given to grad students who write extensive and insightful blog entries). Their explanations and commentary should have depth and should be written for those who are comfortable with analytical thinking on the level of someone who has a BA in a scientific field. For any given area of research, there is usually a lot of high-level information (ie, expert journal literature) written about the topic, as well as low-level information (ie, articles in the popular press). But sources that are both approachable and useful to those with a strong background in science are often very few, forcing the interested to wade through the expert literature with little guidance from others. (Physics Today has been an excellent source of this sort of 'mid-level' information through their articles on current

research.) One website I especially like that fills this mid-level gap is [www.realclimate.org](http://www.realclimate.org). I encourage you to take a look at it. It is very informative, and they do a very good job of explaining climate science in an approachable way without sacrificing too much of the detail. Having more of these blogs would help my career in several ways. First, it would be an excellent form of outreach to the public and other scientists about the details of current research, and would fill a niche that is sorely lacking in both the popular press and expert literature. Second, for any given field it would help to inform both the public and fellow scientists about the ways in which problems are typically approached, and about what research typically involves from day to day. This would be very positive for both the public and other scientists (especially ones just starting out). Third, it would help to provide the context for scientific results that is often missing from journal articles. Ie, why is this important? What is really new in this result? Is it important to different people for different reasons? To have online forums that contain that kind of contextual information would be a boon to any scientist around the world who wanted to hone his ability to think broadly while maintaining a focus on specifics.

90065597 Fellowships for funding travel to conferences.

91002720 postdoctoral listings and advertisements

91003568 Career workshops at the division meetings would be useful. Also, the DPP meeting just started providing grants to be used for child care purposes (paying for care or bringing a spouse to the meeting). These are very useful and I would suggest other divisions consider doing the same!!

91003890 A mentoring service for early-career physicists especially women.

91004242 More info on alternative careers outside of academia.

91004309 Resources for young investigators to find funding opportunities. For example I am looking for postdoctoral grants that will allow me freedom to pursue independent postdoctoral research and it is difficult to find the right funding agencies and grants.

91004461 Funding opportunities for graduate students- especially those working on theoretical fields. APS should push NSF more to increase funding for physics, especially pure physics. Comprehensive discussions and measures (such as diversification of curriculum and workshops to include social science, public policy, industry) should be taken for reducing no of years of Postoc in physics.

91004503 I'm afraid that despite your open form for suggestions presented here I have none to offer at the moment. Thank you for being interested in my opinions regardless.

91005185 Regional Job Fairs

91005209 more career opportunities at conferences

91005210 Access to journal articles.

91005230 more announcements and information about job offerings

91005403 Advice for graduate students on how to apply for postdocs and industrial and national lab jobs as well as current trends in these fields. For example, certain industries are more likely to hire experimental solid state physicists, some more likely to hire chemical physicists, etc. Tips for applying to these positions and how to know if you're getting a good offer. How much should I expect to make in the industry fresh out of grad school (obviously I do not make a lot of money in grad school so I don't know exactly what my knowledge would be worth in the industry)?

91005438 lower meeting fees, provide more job opportunities.

91007529 I will be taking a non-physics job, so I can't think of any.

91008237 Profiles or networking with physicists from many different careers (not just academia, government, and industry). A more comprehensive and complete collection of open positions.

91009289 to be honest, i didn't know that you offered almost all those benefits in question (6). maybe advertising them more?

91009759 Workshops related to academic career advancement.

91009815 Professionals going to schools talking about what you can do with your degree. After I graduated with my bachelors I had no idea what I could actually do. And not everyone is going to work at NASA or on government sponsored projects so non-research jobs would be helpful.

91011317 Information on conferences and industrial jobs.

91011401 additional journal subscription. PRL plus one PR\_ would be great!

91011407 Free access for all journals

91011601 Improve the graphic design of Physics Today.

91011613 A little more visa help, specially towards legislative efforts to ease visa process for students and scholars. May work with other organizations for this as this is a common problem.

91011623 find a job

91011937 more diverse career fair and career fairs several times a year

91012199 travel grants and funding organize special conferences, workshops and summer schools for specific area and technique.

91012496 Career development advisory

91012550 Access to more journals

91012720 Resources (articles, advice, mentoring) pertaining success in graduate school, research, and transitioning into the workforce.

91012760 Many of the services on the previous question I had no idea APS offered - so maybe just some effort to let people know what you already got

91012776 Postdoc position lists sortable by subfields and/or keywords!

91013165 examples of careers outside academia

91013264 Ethics training / ethics sessions during the meetings

91013265 more locally oriented activities in the northeast, like the metro gotham condensed matter meeting in NYC

91013839 National Networking opportunities

91014053 More availability for Workshops & Professional Development

91014204 Provide more student travel support to attend conferences.

91014368 Please, if you have information on which of your members are graduate students or postdocs, make them aware better of the career information opportunities APS has.

91014432 Can not imagine more.

91014442 physics study groups to find someone to discuss some interesting problems.

91015751 Help with resume and cover letter.

91016369 mentor program

91016457 I have not had time to put any thought into this important aspect as I am trying to complete my dissertation right now. Thanks, bye now.

91017055 Lobbying for more funding for Education Research and teacher preparation programs that start within physics departments

91017747 Student travel assistance for the research papers presentation will be helpful.

91018417 Lobbying for consistent federal funding of physical sciences.

91018528 strengthen existing programs

91018580 Free access to APS journals as an APS member.

91018833 I have to say, my graduate school basically gives me everything I need.

91019050 I'm not very familiar with the APS website, perhaps each issue of APS News could highlight some resource on the website.

91019081 More about career opportunities.

91019131 More career counseling for jobs outside of traditional academic physics! Lobby for better pay and benefits for grad students and postdocs! Lobby for NSF to hire fewer postdocs, and replace those jobs with permanent "research staff" type jobs so that a greater percentage of grad students can have a realistic chance of getting a permanent job in academia.

91019674 more free journal subscriptions

91019876 I would like more networking opportunities for students.

91020232 Scholarships/travel awards to attend winter/summer schools.

91020500 Work towards reforming education and better scientific advising in politics.

91021037 Open up activities for Post Docs or prospective Post Docs

91021254 APS should have graduate(post-doc) conferences/seminars to facilitate young persons in the field to practice their profession. Such activity could be scheduled twice in a year

91021265 Improve the job fair by encouraging employers to post jobs well in advance of the meeting.

91021977 I think APS offers good services.

91022115 Maybe a kind of advisory web-page or system for international graduate students about looking for a job, postdoc positions, etc. It is difficult sometimes to find self between all bureaucratic procedures, sometimes we don't know what we may do, for example for which funds/grants we may apply.

91022147 Again, more advertisements concerning summer schools, more travel scholarship opportunities, and possibly arranged study abroad opportunities in research areas.

91022191 job fair

91022196 Career counseling for early career industry professionals perhaps in the form of webinars or conference calls on issues important people early career (negotiation, planning next moves, etc.)

91022318 Helpful ways to find papers

91023198 I don't know. But I do know I want a postdoc position, and APS meetings are where I see potential employers and hear about their work. Perhaps figure out a way to help me network?

91023201 Would help to advertise the benefits via email more. I didn't know until I took this survey that we had discounts on auto insurance. More industry career related stuff. With the network APS has they're doing a really poor job of connecting students to industry jobs.

91023420 Research news in the forms of audio or video.

91023509 A poster session for the prospective faculty candidates

91023553 Commentary of current issues of importance. For ex. why the perpetrators of the current recession were never recognized but instead the public paid the price.

91023673 Job hunting

91023802 Discount/support on purchasing physics related magazines would be helpful.

91023870 Keep returning to Denver for meetings.

91024008 Sometimes I didn't receive physics today.

91024117 Find me a job, and drop it right into my lap :-p ? Beyond that, I think APS is doing pretty good work. I think it'd be nice if APS had some kind of public campaign to convince employers how smart and resourceful and versatile physics graduates can be! That'd certainly help in the job market!

91024293 A better online job search tool would be useful. I didn't find many postings on the APS site, so I haven't been using it.

91024312 Extend lower meeting rates to post-docs. Expand career fair. Promote student chapter housed at Universities.

91024631 i would like that the grants include money for child care and transportation and accommodation for children when we travel to APS meetings or other conferences with them.

91024684 More information at succeeding in graduate school: whether to pursue it, finding the right school, getting in, finding the right advisor, succeeding while . Also, more info for undergrads and grads on choosing a career (but without any bigotry that theoretical physics at a university is "purer" physics than, say, quantitative financial models or hands-on engineering).

91024711 Reduced student rates on Article Pack would be AWESOME!!

91024895 Fair and unbiased publication peer-review process.

91024904 I think it would be nice for international students to get some assistance with getting permanent residency if they choose to apply for one. After all USA paid for our education and if someone wants to work for this country, it should be encouraged. It will greatly help people to focus on their work rather than dealing with bureaucracy and stress.

91025355 APS careers

91025788 better career website. I have done some extensive research myself and found many more useful tips in "what color is your parachute" than on your website. This is surprising since I would think that what applies to most people who are looking for jobs probably does NOT apply to a phd physicist looking for a job. I also find the individual stories or profiles on this site depressing. These represent extraordinary people and do not help me practically start job hunting. They, in fact, discourage me.

91025913 I think it would be helpful if APS establishes some way to honor and recognize scientific contributions by graduate students (young scientists). For example, a best paper award at the division or section level annual meeting might be nice.

91026071 Public speaking

91026235 It will be helpful to setup a categorized online directory of APS members with brief introductions, which will greatly facilitate the communication between the researchers.

91026244 I like it.

91026253 I would like more travel assistance options for graduate students wishing to attend and/or present at meetings.

91027153 I would like the APS to sponsor some workshops that helps the graduate student in their research and future career.

91027522 connect post doc candidates with professors

91027578 I don't know if any additional services are required. The services I currently use are sufficient.

91027733 I'm not currently using the services already provided, so basically I need to start using them before I could suggest anything extra.

91028057 Ask a student his area of interest and certain number of keywords related to that. Then email him a biweekly list of recent publications in APS journals related to those topics. This service will help him to keep track of latest research in his/her field and make APS membership more valuable.

91028079 inform job opening by e-mail

91028366 More presentations at the DAMOP meeting about grad school/career issues. Most students who attend DAMOP meetings don't attend March or April meetings, and I feel there are many fewer programs directed towards students at the DAMOP meeting.

91028643 School Advice from people who are working in different fields. I am having some trouble deciding the path I would like to take after I get my PhD so advice from various people in industry, or national labs, or academia would be appreciated.

91028716 Please have more affordable things at APS in your next conferences. Starting from hotel to taxi to food everything is so expensive. Sometime when students like me they come without any funding it is hard to survive. It should be more for educational purposes than for doing business.

91028946 Job opportunities email list

91029094 APS has more services than I know of and so I can't meaningfully recommend more.

91029146 More jobs in industry-- perhaps an email list you can subscribe to?

91029342 Job Fair for those industrial companies

91029421 Have a student meet once a year, that will help us to know about the ongoing research. Also usually the annual APS meetings are attended by the advisors, professors only.

91029471 Jobs database free to post and easy to access to members

91029604 more opportunities to meet researchers in industry/start-ups would be appreciated

91029737 Postdoc listings.

91029859 Unless I'm mistaken, I don't think APS offers scholarships to attend conferences like March Meeting. Most other fields do this for grad students on a regular basis, we should as well if we do not.

91030103 if member can get more free issue ( online/ hard copy) of the journal.

91030260 I would like more information about how to find industry jobs that I would be qualified for.

91030322 expanded student access to journals

91030498 Graduate and Post-doc "survival" guide

91030568 The only service I am interested in for the next few years in my career is more help in finding employment opportunities.

91030864 More student awards in conferences and APS journals to recognize the works carried out by students

91030870 Expanded information about career options for PhD holders

91030921 More information on industry job opportunities - non-traditional employment

91030961 networking events

91031025 be able to opt-out of the paper Physics Today, in favor of just online access. also, i don't know what the Graduate Student Government organization even does.

91031245 more opportunities for job info and finders

91031288 Professional lecture series: managing research groups, distributing funds, writing proposals.

91031295 Online index of graduate fellowships, postdoctoral programs.

91031372 More funds to help pay for student travel costs to different meetings, including funds that could be applied for non APS meetings.

91031518 It might be nice to have a discussion forum available on the website.

91031755 It would really help if we received more funding to travel to meetings.

91031775 Push for better education standards for physics graduate schools

91031818 It would be very nice if APS could negotiate collective disability insurance like they have life insurance.



91031911 Mentorship would be most valuable.

91032064 Increased help in teh job market, with emphasis on help getting overseas positions, including academic positions. outlines for what is needed for accomplishing such long distance employment adventures.

91032480 A better pool of job resources

91032917 Resources to help decide on a job path between industry and academia

91033046 More summer schools/workshops.

91033296 a mentoring program with experts in my field

91033339 Make the career fair at conference better, attract more companies and universities.

91033685 there should be a online forum board for all member share info

91033732 Medical insurance

91033742 Physics Today had a good article last month on the changing role of physicists in industry. I'd like to see more about the history and projections for a broader set of the jobs that physicists do. How many people go into industry, academia, government labs and how many people need to leave physics due to lack of job opportunities. What are projections for the future?

91033798 Tutorials on a broad selection of topics by good lecturers (with online access to the lecture videos).

91034096 existing programs are very important.

91034258 Indicate which industries or institutions are open to non-citizens of that country. Maybe have such jobs highlighted in some way.

91034371 I request that APS reduces the meeting registration fees for Students.

91034383 I would like to be able to get research articles from affiliates of the APS at no charge. I was under the impression that was one of the benefits of membership. Also, I never knew we were eligible for insurance discounts. In summary, maybe better communication with the members who are students.

91034413 It would be helpful to have more opportunities to find funding to attend workshops outside of APS annual conferences.

91034599 Participation of senior student on invited talk

91034637 APS meeting is very big. The lunch with experts is a good idea but limited. Panel discussions on specific topics would be helpful. Even though this is a physics conference a lot of non physics (engineers) are also attending. So maybe you can organize panel members from different backgrounds to discuss one problem (like energy)

91034730 free permanent email service?

91035314 Workshop with a variety of careers presented.

91035566 information about job openings

91035637 Not sure I will be exploring more of the career development sorts of services in the next couple of years.

91035641 networking with peer graduate student

91035713 I think the current programs are very good

91035720 Some kind of training for new graduates to enter into new career.

91035777 -current benefits/services provided are helpful enough already!

91036330 More on carrier opportunities

91036482 I would like more job updates and guidance for career. Also, would recommend more journals access as well.

91036689 Talks should be stored in some central location before/during/after the meeting. Often when I see a talk, I'm very interested in the topic, but may not necessarily understand it all then and there. As a student it would be nice to be able to go back to the talks and re-read them such that we might get better insight into the material, or even just get a better look at the "references" slides that speakers post.

91036877 The programs offered by the APS are very adequate

91036910 get access to scientific software, more info about scholarships

91037141 have program with the physics society from other country

91037173 Oversight of university policies regarding graduate students' right.

91037620 More travel funding

91037727 I appreciate the efforts of APS.

91037738 access to more journals for free or at a much reduced rate

91038319 Sample CV's would be nice (especially in my field - astrophysics), and maybe a way to obtain an industry or full professor temporary mentor. Someone who can take a look at your CV and research experiences and offer suggestions as to which direction to head off in would be extremely beneficial.

91038514 Travel reimbursements to different APS meetings so that we could attend those more often and don't have to depend on our research grants.

91038850 I'm satisfied with the current ones.

91039218 more postdoc and faculty opportunities.

91039241 I like everything the way it is for students. I am nervous of change because in my past dealing it means charging more for what I already have.

However, if things are going to be added at no additional charge I am all for it!

91039375 career fair, fresh PhD recommendation

91039701 potential academic opportunities at academic institutions and how to go about applying.

91039780 career fair

91039910 more travel grants, also for establishing a firmer experience for those who want to get professional science management jobs in the future (like for the government) it would be better if there existed an APS group that would give the students the opportunity to run some policy work (i don t have a god idea of what kind of policy, but something like science policy, etc.) it helps make a good experience to be a member of such groups...it could be supervised by senior APS members and leaders...

91040328 Health insurance

91040346 covering student travel expenses for APS conference.  
Scholarships/funding for foreign national students

91040355 Travel Grants for International Students

91040433 Support for getting U.S. residentship

91040441 information about or access to useful tools, especially databases of journal articles (web of science) and referencing software.

91040638 Travel support for students, and free access to online journals.

91040642 Career fair at APS meeting or the other meeting

91040649 Physics Today is very important

91040668 Replace the paper printed Physics Today with a .pdf electronic document. Discount on purchase of computers and travel expenses such as flight tickets.

91040676 More career services would be nice, for any field (academia, industry, etc). Perhaps a workshop at the meetings?

91040735 Alumni networks lists of graduates organized by place of employment so that if I want to work at Los Alamos I can find someone there I might know or would be willing to help.

91041023 Local workshops.

91041039 Free student membership

91041400 thank you for your service.

91041446 As a student, of course my answer is to provide more funding opportunities for grad students. Also, scholarships and fellowship

information would be very nice to be seen presented in a collaborated format to easily see which national fellowships are applicable to me.

91041450 Industry introduction, invite industry tycoon with physics background to share experience

91041596 REAL assistance with visa application to re-enter US when traveling abroad for meetings, schools and workshops

91041640 Honestly, APS does so much already. It has been a valuable networking tool for me, and I appreciate the level and amount of the publications and information distributed. I value my APS membership very much!

91042029 Well, I should really look into the career help that is currently available before I make any suggestions...

91042569 more networking sessions to discuss with current industry, academics and governmental organizations to better determine where needs lie and what possible jobs I should be looking for.

91042902 On-line access to body of paper presented at division meetings (not just abstracts).

91042962 Supporting policies which foster economic freedom and discourage government control/intervention.

91043001 More local and regional conference organization (at least in the northeast).

91043205 1. Distribute textbooks (old or sample of new ones) to grad students or recent graduates at very low prices or for free. 2. On line textbooks on fundamental subjects of interest to the APS community for a reduced fee or free of charge. Or create a database with recommended external links to those subjects, as recommended by APS experts. 3. On line lectures introducing fundamentals of "hot" topics in research (e.g., fundamentals of biological fluid mechanics, nanofluidics, etc.) for a reasonable fee. Or organize summer classes on this topics.

91043737 have onsite job interviews

91043869 I'm sure I can think of some once I'm closer to graduation, but so far I'm very happy with what it is there.

91044133 The march meeting is too extra superfluously huge. It should be further divided to make it manageable. I also like the idea of small pedagogical sections for grad students/etc. during the march meeting, like one lecturer for each of the 5 days on a topic. I've been working on pnictides, so one of my other issues lately is that PRL is useless. It's too short to have content, and the most highly cited papers in pnictides talk about strong correlations. It is our opinion that strong correlations are not present in pnictides, moderate to weak more likely, so how is it that wrong papers are PRLs but the good ones are PRBs or other journals?

91044156 Full support to attend conferences

91044188 Mentorship for graduate students that are wondering if they have chosen the right direction. Possibly post-docs that have recently made that hurdle and can understand the stress and fears that graduate students go through.

91044230 I think, advise about job and further research opportunity after graduation (which is very important) is already there.

91044343 Additional career fairs

91044368 Provide professors and institutions a method of advertising available postdoc/staff positions.

91044560 An emphasis on career for physics phds who don't want to continue in academia. Too much of graduate school is only focused on academia as a career that anyone with any other aspirations ends up feeling lost without a real idea of what possibilities exist.

91044692 The PhD programs are getting longer and longer. Could someone launch a debate why does that happen? Is that beneficial to the students? Is there a reason why 4 or 5 years are not enough for a PhD degree anymore? Is research more complex or is the system going in the wrong direction?

91044712 Workshop/lectures on spintronic physics

91044954 International job search

91044975 Probably hosting something like industry and physics workshop.

91044983 Seminars regarding the right way to get a postdoctoral appointment

91045019 I think it is important for APS to maintain a strong relationship with a variety of leading companies in the industry sector. I think job placement is by far the largest concern for most graduate students.

91045129 Job fair has to be improved Career website has to be advertised to faculty better. This way, career website can serve as 'job finding' or 'employee finding' authority service. APS should give more realistic directions to science community. Rather than making 'popular and trendy' subjects as a 'focus' session, they should encourage industry to lay out their demands in some focus sessions. This way, researchers can see the big picture: "what is next?"

91045165 I think some kind of mentoring program with physicists working outside academia would be a great asset for a student to jump start his/her career. More contact with industry and even maybe a monthly publication like the now gone Industrial Physicist. I believe it is of utmost importance for physics students nowadays to know what's out there besides academia and It would be nice to change the general view of physics as a purely or mostly academic activity.

91045171 active online job fairs for especially international student since many research labs require U.S citizenship.

91045251 Career path advice, for instance what options are there if we don't find a job in academia, e.g. being employed as quant analyst, software engineer, ...

91045397 provide us more information for finding Postdoctoral job appointment.

91045700 Mentoring program for women and minorities.

91045877 More organized collaboration between DFD and other International Societies/Institutions/Research-Centers in the field of Fluid-Mechanics in order to create more academic/research positions for recent PhD graduates (with equal opportunity for all nationalities).

91045951 For those of us gearing more towards an industrial job, our outlook for the next [half-]decade may be vague. We've been around a University long enough to know year-to-year what the typical route of [a faculty member] chasing tenure is all about. Of course, individually, we are responsible to venture out to discover our own career opportunities, but can it hurt to have APS bring some of those newly entered industry workers to come speak?

91046083 well for starters you could tell me about the FGSA, the career webpage, and the email alias I apparently didn't know were benefits of being a member...

91046257 More career and networking events

91047017 Additional Physics journals

91047177 Workshops for job application (e.g. skills for CV writing, giving talks, etc).

91047377 Honestly, I don't really think of APS as an organization that gives handouts. The car insurance thing is new to me from this survey. It piqued my interest though. But given my ignorance on what APS already offers, I'm not really in a position to answer.

91047468 Information about accessing free journals. I'm aware that members receive a journal for free, but I don't know what or where. Make it easier to understand the benefits that are available and where to find them.

91047545 industrial practice

91047565 It might be interesting for APS to get involved with the open course ware movement going on right now. Furthermore, general lectures at APS meetings are very interesting.

91047572 Inviting more companies to the job fair

91047703 Career guide

91047873 Networking support. Some sort of database containing contact info of people who are willing provide informational interviews, mentoring, etc. It is hard to break out of academia as we are lacking industry contacts that get us in the door.

91048151 More expansive job fairs / career programs.

91048165 Connections to other similar fields such as engineering. I have gone into engineering for graduate school and a career, but I would also like to stay connected to the physics community.

91048256 small conferences on very specific topics for graduate students

91048472 More conferences in sub-group based research areas. May be narrowing down could help a bit to spend less time and get more information for us.

91048739 access to online journal as much as possible.

91048977 Any sort of career panels are helpful.

91049213 More synthetic colloquia, combining efforts of various organizations, such as the APS with the ASA, AMS, MAA, and SIAM

91049571 Some sort of Mentorship with physicists who are in industry.

91050009 Perhaps a professional online social networking tool. This need not be as elaborate as something like Facebook, but there may be a model for which the tools to network, tied to APS would be useful.

91050039 At this point in my graduate career, the most important thing would be access to new job postings. Perhaps a service that sorted through all job postings, and created a separate list of jobs that are open to recent PhD recipients with no job experience.

91050130 Along with the life insurance, a health plan program would be a nice idea.

91050738 A possibility to purchase publications in physics and mathematics for somewhat reduced price due to APS membership.

91050798 positions open for tenure track teaching jobs at community colleges.

91050905 more meetings

91051135 Continue service after my backing to China!

91051158 person-to-person online networking, person-to-vendor search by part description (a la globalspec)

91051655 I think they provide quite a few services that I am not aware of, or have not used yet. Perhaps more specific workshops about emerging research topics would be something I would look forward to.

91051672 Continued development of energy and sustainability publications and workshops/forums.

91051776 all of the programs are usually quite satisfactory, the only qualm i have is the difficulty of location.

91052128 The most important thing is being aware of opportunities like those involving education/scholarship/fellowship and employment.

91052139 I like bulletins for looking at jobs

91052222 Have email lists for Job sector. Thank you.

91052246 More job info and opportunities.

91052289 Statistics and surveys useful for graduates who are looking for postdoc positions like salaries and trends for postdocs.

91052405 If there is a program called "please stop sending me useless email notices," that would be great. Otherwise, I can't think of any.

91052459 A correspond from APS should hold a workshop for undergrads to attend for the student's future in physics at every major university in the U.S.

91052978 Graduate Student Distress issues

91053117 assistance in visa application for foreign students studying in US

91053235 Professional Mentorship Program

91053652 More opportunities for students to get involved in APS governance/organization.

91053907 More travel money and one more free APS Journal.

91053917 I am interested in policy work. I would be interested in having policy update emails like AAAS has been doing or like Biophysical Society now does.

91053996 Help in finding research topics through free review articles

91054005 Career services

91054083 physics journal library, physics ebook library

91054158 increased access to scholarly journals, particularly those that may not fall neatly into the physics category (e.g. other hard sciences).

91054356 Detailed funding opportunities on related areas. They should organize the funding opportunities for academia better, and distribute via email.

91054692 provide more student support for meetings.

91055203 Advice on how to get a job as a physicist in industry.

91055211 I would be interested in attending local, informal gatherings on a wide variety of topics in physics.

91055568 Create and maintain a facebook page with news updates. Create a ranking system for online journal databases over whatever metrics are deemed relevant by a committee. I haven't checked if either of these exist, but I don't currently know whether this is the case or not.



91055961 job positions

91056276 More information via email and/or webpage about employment opportunities related to the area of interest of each member.

91056311 Interaction Program with potential advisors for post docs and government labs. Forum to meet and speak with them and other students after the sessions are done for the day.

91056315 Free admission to aps meetings

91056335 Continued discounts for a year after I graduate would be nice. I expect that any period of time I might experience without institutional support (esp. access to journals and conferences) will make it harder to continue as a mathematician/physicist.

91056361 More seminars and group meetings

91056494 A 2-week summer school (not conference) on advanced topics in microscale flows, drawn from fundamental theory and a range of current problems.

91056507 None that I can think of. Keep up the good work!

91056792 None. I am quitting APS because I get way too much junk e-mail, such as the incessant e-mails asking me to fill out this survey.

91056899 Connection with other researcher in same field of study through APS

91056934 Provide some pedagogical articles on some important topics in a graduate level.

91056938 Internship opportunities at various industries related to advanced sciences.

91057026 Lower membership cost after graduation (in case of no job) with access to journal. Reduced subscription to PROLA will be most useful for people who does not have University affiliation and are still interested in working. Though arxiv serves the purpose.

91057050 better career search systems for post doc appointments. some sort of travel grants for aps march meeting.

91057059 help with information on summer schools

91057073 Could you help me complete graduate school?

91057208 Help equally to international students who are studying and want to study physics.

91057366 A career fair at the Division Meetings would be helpful.

91057379 I think the APS in general does a good job. Further expansion of the career/job website would be good...perhaps cross-listing with other related professional job websites would be useful.

91057413 more free journal

91057567 Help High Scholl teacher to motivate student to study science and math

91057616 Something nice would be if, apart from having membership in a discipline-specific journal, the APS would give an allowance of some papers from other journals. Say, some 20 papers a year.

91057617 Quantitative biology workshops or related soft condensed matter - statistical physics of biological systems meetings would be helpful.

91057712 I would like to see a research discussion forum in physical acoustics, or in general to connect other student members in similar research. In the future, we will need to work together

91057732 reduced prices for buying books

91057759 I was not aware of such items as the careers website until I took this survey. The website sounds fairly useful. Also, I have State Farm auto insurance - a discount with State Farm would be nice.

91057775 extended some journal review free for student

91057841 access to the magazine APS while we are students

91057863 Networking luncheons or meetings during conferences  
Networking/mentoring programs available through the internet

91057866 Paper and proposal writing suggestions as well as further information on government funding (NSF, DOE, etc.) (as those appear on Science Policy Forum, but more aimed at physics) appear as a newsletter.

91057909 really have no idea what would be helpful.

91058085 sponsors members' career and research.Sponsors selected students and members to attend APS meetings. Extends membership to students free of charge out the United State.

91058167 Free Graduate Student subscriptions to Physic Review Journals online would help my research to complete my degree. My school does not offer all the Astrophysics journals I need, and some local universities don't offer them as well.

91058172 More grants for travels...

91058286 Workshops for specific for graduate students in specific fields.

91058958 Especially help and guidance and even opportunities for international graduate students studying in the USA with regard to obtaining visa and permission to travel abroad for internships, conferences, summer schools etc.

91059357 internship in physics research institute.

91059366 A dedicated job forum where experts discuss about the different professional opportunities after graduate degree.

91059481 Student should get free membership.

91059544 List of all professional members in state.

91059564 More activities to help student members to begin a career

91059659 give me information about the potential research field

91059773 Information on research grants and stipends

91059899 My research background is Photonics. If I come to know any news like development in this area, job prospects in industry related to photonics that would be much more helpful for me at this period of time.

91060103 free access to APS journals

91060207 More APS meetings

91060255 I wish the deadlines of submitting abstract can be as late as possible

91060302 A directory of international research opportunities.

91060549 I would like to see more widespread travel grants -- especially for undergraduates.

91060586 Discounted air travel rates for conferences.

91060749 1.A meeting outside of United States. This way APS would become more international. 2.Travel allowance for international students to attend meetings.

91060975 I think the job postings will be essential once I begin looking, but, aside from that, I think APS adequately meets my foreseeable needs.

91061004 It is already very good.

91061100 Help to link graduating students to prospective employers

91061107 online account management

91061259 General career workshops

91061294 Support for summer schools or short courses.

91061310 If possible add the number of years of free student membership.

91061382 Maybe online career affair can help.

91061384 jobs

91061391 I did not know that APS have GEICO insurance service for the members

91061553 more job fairs

91061621 I think that, if the APS web site collects links to pedagogical web articles/review papers that are recommended by authorities, it would be very helpful for graduate students to learn the topics that are new to them by themselves without spending money.

91061660 Role of computer science in physics computational physics news

91061989 I like WIPHYS

91062192 Job fair!

91062206 Application oriented meeting would be good for everyone.

91062215 funding for children travelling along with parents to APS meeting

91062312 Organization of summer-school programs with various themes.

91062406 I am not sure yet. Probably networking opportunities.

91062411 Not really sure maybe health/dental insurance discounts (though probably does not matter), but keeping doing a good job.

91062457 Right now it appears really good to me...if anything i'll let you know.

91062516 Workshop and summer school program.

91062766 more emphasis on career service, help prepare job interviews, and etc

91062797 Online discussion forum.

91062856 Graduate students discussion

91062931 Access to manuscript and references.

91063027 In a couple of years I will be going into the work force or enter a post doc position so I would say something that can help us get in with ease and not so much of the job hunting but that they somewhat find us.

91063081 job fair and information

91063088 solve the visa problem for international students and find a postdoc position after their degree.

91063131 free membership to graduate students

91063270 registration for conferences are still too much I think!

91063303 origin

91063390 Fellowship Guide for graduate students to apply for private and public funding.

91063443 Help to find scholarships for non-US students

91063483 None really. Just maintain its high standards of integrity and scientific innovation.

91063682 Distinguished professors and researchers putting out brief articles explaining various topics.

91063751 A methodical listing (according to areas of physics) of all available post-docs in the country.

91063786 increasing the conferences awards

91063797 Provide us the list of professors and Universities as well for the specific new topics with email IDs so that we will be able to get admission and pursue the Degree of our interest.

91064018 sas matlab

91064028 Information about careers outside of academia

91064136 Create a link between international physics societies

91064247 I don't know much about what APS currently has to offer, but career guidance and networking seem to be the best use of a program such as APS

91064443 Some kind of networking list of physics PhDs in diverse fields who would be willing to answer questions and give tips about their careers.

91064616 APS meetings should be free for graduate students, not just at a reduced rate. This is especially important for students that may not have funding. It would also be appropriate for the free APS grad student membership to last for more than 1 year.

91064666 More workshops and meetings catering to the needs of post-docs. Career planning, applying for jobs, etc.

91064671 I am yet to associate strongly with APS, may be the problem lies with me ...

91064751 Give students 2 free journals: the General PRL, and a sub-PRL of their choice.

91064773 I am personally more interested to learn how a product travels from an idea in a person's mind to an experiment in the lab and ultimately to a product in the market. More focus is needed on such recent advances.

91064846 More representation of student awards and related info.

91064976 (1) More topics on cosmic ray physics, instrumentation. (2) A career panel in cosmic rays, heliospheric physics, balloon experiments, and other astroparticle physics areas where graduate students can meet the experts in the field and discuss job opportunities.

91065140 1. More specific industrial job related discussions

91065171 More interdisciplinary activities connecting different fields

91065271 A forum/website (it might already exist) for companies seeking physics PhDs

91065388 helping people with industrial or academic jobs

91065576 more accessible information on job opportunities

91065610 - Help in finding scholarships, grants to aps graduate students - Help through free seminars to network with other physics students in neighboring universities, learn about common research objectives, etc

91065620 Secured job

91065672 jobs interview for international student

91065741 There would be career expo for students.

91065802 Setting up of outside mentorships for graduate students with post docs or professors.

91065922 More focused on particular subject on particular meeting.

91065961 I would like APS to send out emails about job opportunities in academia as well as industry. I would also like it to educate physics grad. students about what kinds of jobs are available to them in the industry. That would be extremely helpful while applying for jobs.

91066075 Job fair

91066233 On site career counseling services at select large university campuses would be extremely helpful.

91066253 Colloquiums on various topics?

91066259 I haven't taken advantage of what is already offered, though I should. I've learned about benefits that APS provides while taking this survey that I didn't even know existed.

91066349 On line Career

91066478 New career option workshops, hinting students about the probable situation 3-5 years down the line.

91066493 Education on how to get jobs in academia.

91066600 job offer listings fellowship listings - also for students who are not US citizens but who are currently enrolled in an american university

91066606 it's already good enough

91066644 Give free or very reduced rate (less than \$100/year) to students to access all APS Journals. I can access all IEEE journals through my school's library membership affordable to IEEE. Why can't APS do the same? If APS charges too much small schools will not be members. I am giving the example of

Morgan State University where I study. It is a school in a neighborhood dominated by minority communities so is the school. Because the school has less than 1000 graduate students and has limited resources it is less motivated to be member of as many scientific organizations as interested students wish. APS needs to find a way to bring knowledge to schools that are not prestigious directly or individually to students attending them.

91066708 Summer Schools

91067055 Local Meetings

91067186 funds for international academic travelling

91067425 define educational paths for select jobs (requiring more than a straight doctorate in physics)

91067453 maybe some introduction so students knows what is happening in industry rather than in lab

91067565 Additional funding help to attend APS meetings. Cost of registration, travel, lodging is still very expensive for underpaid graduate students. Students presenting at the meeting should get an extra discount.

91067587 I will like them to decrease the rates so that students can attend more meeting.

91067623 Online list of job/ postdoc positions.

91067628 Conferences in other countries, like in Asia.

91067728 There must be a forum for international Physics graduate students studying in USA.

91067779 The benefit of NOT being constantly spammed by APS and having to remove irrelevant emails from my inbox.

91067851 Fellowships to attend conferences, travel or to present papers.

91067869 travel financial support conference participation postdoc information database connections with international physical societies

91068168 I think APS has it all as I can see. It is more about how much of it I can use or take the opportunity of.

91068190 I am interested in career services for graduates, but I wasn't aware that APS has so many things available already. I will visit the site. I am extremely interested in hearing about various roles in industry that physicists fill that may not seem obvious choices given their specialization.

91068336 Online orientation for undergraduate students to help them choose what program to get involved in for graduate studies. To help them achieve and reach their dream job. Easier Data base research link for previous published papers, to help us during our research phase. Guidance on how to right a better publication and what are the regulations for that. So, the article we are writing meet the national and international requirements.

91068393 The only thing I feel missing from APS schedule is publication of the proceedings.

91068430 A networking opportunity for LGBT physicists mentors.

91068604 additional APS free journal subscriptions

91069013 I would like to know some places to be a postdoc inside and outside USA.

91069131 Informing about research grants and funding opportunities for members. providing financial support for members who can't afford make it to APS meetings

91069277 I have no clue at the moment. I do appreciate the Travel Awards that are given out to students who do not have travel grants from their professors.

91069289 Discount for student memberships

91069308 TO include a questionnaire from the experts in all the fields so that the student members can ask post their doubts.

91069958 can you classify the job posted on physical today by key words, such as for faculty, postdoc?

91070032 A directory of people interested in providing VC funding to work done by APS members

91070292 Travel allowances to give talks in other Universities both in the US and abroad

91070445 career guidance

91070492 Emails of APS research and such, dont know if I could get them already with the click of a button, maybe more info about what how APS could help further my career.

91070500 More tutorial sessions

91070575 Online Tutorials/Workshops for areas of Physics that one may not be familiar with in order to cover the basics of the field and also the current research efforts. This would make the some of the actual talks and subjects more appealing to conference attendees from other physics fields. ( maybe this is already available? )

91070594 I would like to see a forum where students can post reviews of their graduate programs in general as well as their particular research advisors.

91070839 More travel grants for student attendees

91070893 lobby for easier green card application for international phd students.

91071198 Computer network / information technology

91071253 Provide post doctorate fellowships ads.



91071470 To have some sort of Open House annually where students can present their work to industrial people!

91071613 solar energy

91071678 Dedicate a forum for discussion between student member. Increase the travel grant.

91071694 A better information which kind of services/benefits students have with the membership.

91071811 you are doing good programs, continue them with more benefits to graduate students.

91071944 Graduate student assistantship, Free travel for conferences

91072033 Travel grants

91072170 If possible, it can provide some fees for the graduates to attend the APS meeting. And put the student's information available to the research institutions and universities.

91072228 Lower membership rates for students starting from the second year of their membership.

91072236 More opportunities for physics education presentations.

91072323 I am a new member and lack complete information on the current programs, benefits and services by APS. So I cannot comment on any additional programs.

91072915 Outreach for under-represented communities, people of color, and or minorities.

91072972 APS should launch new types of wards that encourages students I do know only there are few of them.

91073049 Advice on how to transition from academia as a grad student to a career in industry or government.

91073071 more free journal access... everyone uses journal articles in research and study, and it would be nice if that information would be made freely available to the general public (or in this case APS members)

91073080 haven't fully explored what is currently offered

91073113 An activity assessment record in APS that can be presented when taking jobs.

91073188 For now I like all the programs that you conduct any additional requirements will keep you updated.

91073246 i want to know more about the journal published related with Macromolecular X-ray crystallography.

91073374 highlights and news in plasma physics

91073434 Travel grants for graduate students to attend conferences.

91073529 Career fair

91073549 I am a new member, and just registered this fall for the DPP meeting. I am somewhat unfamiliar with everything yet.

91073564 I want to be in my research area. I know APS helps me for this.

91073695 It would be nice to have copies of the presentations or posters available online after meetings in addition to the abstract. That way if you miss a meeting, you can still view something.

91073742 The benefit of travel awards

91073852 Free Physics Today monthly

91073904 There should be special discount for Graduate students to attend the conferences.

91073918 APS members should be given access to online journal, so we can access most of the scientific knowledge available.

91074122 Thank you. Nothing for the moment.

91074145 - More Job Career Services - More financial support to visit such meetings

91074167 provide a forum for teaching physics: tools, techniques, contacts...

91074606 the general trend in the future research field in both academia and industry would help graduates seeking for a job position

91074689 I would like to see more grants for graduate student organizations. Maybe support journal clubs at individual universities with small grants.

91074731 I don't know. I have just participated APS for 2 months.

91074741 Everything relate to biological membrane and microscopic technics

91074747 As a graduate student of physics, I would like to know the availability of job opportunities in both Academic and Industries. As my career prospect of view, I would also like to know, in which field of Physics most of the jobs are available?

91074870 I would like to have some career service lectures to attend

**Question 7. What additional programs, benefits and or services would you like APS to provide because they would be helpful to your career over the next few years?**

Graduate students abroad

90020304 Stronger help in finding permanent employment.

90024838 Mentoring programs for female scientists

90030959 free PROLA online access

90053469 It could be given additional information and contact Professor names /addresses on Nonlinear optical area

90060679 Perhaps a mentorship program this may help fill areas of a graduate education which PhD advisors are incapable/unwilling to contribute. My wife's PhD advisor, in addition to teaching her about her specialization, taught her how to balance her personal life with academia, and how to navigate academia in the long-term. My PhD experience has lacked this essential element.

90060901 More job fairs at different locations in the US yearly. Reduced cost for attending conferences and meetings and offer some competitive grants for travel. More discounts on journals.

90062061 Reduced fees in more congresses and in more journals

91006156 maybe some kind of fellowships, to help bring foreign students to the meetings with no cost (free). is there any program like that?

91012431 engineering program which relate to special branch of physics like nanotechnology

91015176 APS promotes scientific methods in research for all grad students, but it is not yet organized. As a student, I would be very pleased to familiarize myself with how scientists get through their scientific breakthroughs.

91015295 Join the Rightslink database...

91016072 Have an APS meeting in Hawaii.

91017823 Possibility to read online articles in other journals.

91018310 A more serious effort to let North American students work in North America after graduation. A lot of graduates in my department are forced to either move to Asia or leave physics behind permanently. And my own department has a bad habit of wanting to hire international post-docs and faculty because of politics and networks rather than skill. I think APS should be pushing hard for more positions for domestic students!

91019819 Expanded meeting with the experts!

91025518 can't think of any. I'm generally happy with the APS

91025629 receive "Physics Today" the same month its issued, even overseas!

91027475 Discounts on academic books.

91027570 The APS should work with universities to establish standard rights and responsibilities for graduate students.

91030314 newsletter about various labs in the world

91030713 there is a program launched by APS with India, called student visiting program. In which i have applied for that program with Prof. C. S. Liu as a supervisor, for visiting to University of Maryland. But due to funds problem, APS had not allowed me for that program, but me and prof. Liu were highly hopeful for this program in this regards its my request if it is possible to increase funds for this program, such that student can visit the prestigious university of your country. It's my humble request.

91030951 online recruitment of research scientists.

91034931 Proper handling and search options in citations databases for multipart last names and accentuated characters.

91037226 if they can track and update available jobs

91037628 maybe some visitation programs or travel grants for graduate student members from Eastern Europe

91041718 A job.

91043930 The benefits satisfy me.

91045840 To develop means of financial support for non US citizens, specifically for latin american students, since our economies, governments, schools and personal finances sometimes does not allow us to attend to the relevant events to our careers.

91047512 More employment news, career fairs, opportunities for industry information

91047733 please bring the importance of teaching physics to attention of physics community. Unfortunately in these days peoples are being judged based on their number of publications. In these days good teachers like Feynman are rare, junk papers are abundant.

91047906 job information, new development for our field.

91048164 A more comprehensive listing of postdoc / faculty position opportunities

91048366 I would like to have access to some APS journals at reduced rates or free if possible !

91048589 Annual survey of the job market in academia

91048627 I think the most important thing that hasn't come up in this questionnaire yet, is a program to help grad students think about how to use their time in grad school to gain the skills they need for a job afterwards. This requires two things: 1) awareness of what exactly you want to do

afterwards and what are the possibilities and 2) training possibilities, either from the APS or from the grad school, to gain the necessary skills.

91049215 Seminar or conference with industry participation.

91051809 1) Benefit for APS student members: free on-line access to scientific journals (because institutional subscription is sometimes not wide enough) 2) Annual workshop about alternative careers for PhD holders

91051812 The American Physical Society is as much an international institution as it is American, as it provides a forum for researchers and experts to be able to network, present new ideas and create collaborations. However, as an International member, I feel very little is done overseas. it might not be bad to hold a few meetings or one-day events abroad, for example in Europe providing a platform for international members especially the student members.

91052465 open position news every week

91052869 Online short courses on certain topic of physics and applied physics

91053946 I think all APS programs are enough and benefits

91054089 APS can display the post doc positions and send via email to the students as this is an international forum and manage some summer and winter school on physics. Ask articles from students and publish them in the news letter.

91054616 career webcast

91054866 I'm entirely happy with the services to date. I'm not sure what additional benefits one might add.

91055083 More meetings and open discussions with people from academia or industry

91055903 Better dissemination of jobs for fluid dynamics and physics

91056101 reduced registration at meeting also for post.doc students

91056159 Free graduate student membership

91058199 Mentoring by experienced scientists

91058714 Better support for helping me search for a postdoctoral position.

91059240 It is extremely useful for the members to download papers from APS journals freely.

91059797 In my opinion, it is necessary to make website to unite the students members of APS, so that many students members communicate each other through this website.

91060376 information about Postdoctoral Positions or Research Positions

91060505 none. Fringe benefits and services like auto insurance are unnecessary and unrelated to the purpose of the APS.

91060696 programs of research stay invitations

91060758 As a graduate student Im OK

91061216 opportunities to become an APS referee

91061330 A mailing system for job advertisements in the field we are studying, information for summer schools/workshops where graduate students can participate, why not a "newspaper" for students?

91062124 Establishing discussion forums on physics subjects on internet.

91062493 i think it's enough in services, i mean for students

91062530 Coffee and conversation with prominent physicists for graduate students at APS meetings. Thanks.

91062936 if student board can give some information about where the past graduates of physics has gone, it would be greatly helpful for the students right now.

91063090 I think a career mentoring program would be valuable to allow early researchers to benefit from more experienced members.

91063219 Courses and doctoral programs about computational fluid dynamics

91063699 I THINK APS SHOULD INVITE STUDENT FOR JOB FAIRS AND PROVIDE KNOWLEDGE ABOUT OPPORTUNITY WHICH THEY CAN AVAIL. TRY MANAGE FUNDING FOR THEM TO ATTEND TO MEETINGS.

91063913 More ads on phd and postdoctoral position

91064170 More free online Journal

91064607 Division specific job postings

91064905 Some postdoctoral information can be sent to me by email.

91065300 Additional information regarding conferences are needed

91065643 Notice of available job

91065980 Introductory Physics Notes for PhD Students

91066043 I hope APS provide more information about job recruiting. It will be helpful to find next step in the carrier after graduation.

91066150 organize APS meeting also in Northern America, Canada.

91066724 - A financial support for traveling to the APS activities. - Some sort of program that is designated to encourage corporation between students from far away located institutions but of close research interests.

91067481 news with Job openings in Physics, free access to a few selected Journals.

91067681 Postdoctoral positions

91067977 - Career Training meetings with representative members haven chosen a career in industry/academia in Europe. The DPG is proposing such meetings once a year in Germany. - Networking resources / online CV services, see e.g. the Association Bernard Gregory in France

91068742 Open access to the new publications of each month, in order to keep at the tip of science

91069174 An overview of worldwide industrial placements for a vacuum engineer

91069992 Free services and registration for students and recent grads. More funding for student travel to meetings / conferences.

91070538 Help establishing networks with people related to my research in the US. Identifying research groups in specific areas, like creating yellow pages of research groups

91070983 online database for physics journals and other publications as in CAS for chemical publications

91070989 do discount for student in conferences.

91071896 summer schools for grad students

91072286 Create a division of young professionals

91072473 information about postdoctoral positions.

91073507 Programs in Europe?

**Question 7. What additional programs, benefits and or services would you like APS to provide because they would be helpful to your career over the next few years?**

US recent degrees

90017039 I find very important to provide free web access to APS journals

90031498 Better job search services. More subscriptions to other physics periodicals. Have prize winning contest for new ideas or how to best apply a new technology or science.

90039578 Grants for travel would be very helpful as I am at a small institution.

90041198 A webpage that is easier to use.

90043543 The AIP statistics are very helpful, as is APS as a location for one-stop shopping for physics-related job ads. Please remain an attractive place for institutions to advertise, so the ads do not get too spread out.

90048763 A more streamlined job website. One that easily connects the person with the position.

90049569 I would like workshops be made available for young faculty members focusing on how to balance being a physics researcher and professor.

90051973 Discussion with immigration authorities to facilitate visa issues and travel grants to conferees from developing countries.

90053404 job market analysis potential career paths with commentaries from those who have taken such paths before.

90055099 Individual rates for online subscription to many journals, such as through ScienceDirect. A student faces many transitional periods, such as transferring to a new institution, and often doesn't have access to the latest scientific articles. It would be extremely nice to be able to purchase the subscription (similar to what is available through a university library) to access many journals digitally through APS.

90056017 A conference (not just APS) roommate search board. More information on Gordon and non-APS conferences.

90056252 Services or benefits for those interested in the scholarship of teaching and physics teacher education.

90057229 I would like to use my Physics degree to get a job not related to Physics APS help on finding such jobs would be helpful.

90060242 I am not sure-- to be honest I have not paid much attention to APS, because I viewed my membership in the entire profession of physics as temporary there seemed to be simply far too many physics graduate students for there to be enough demand for everyone to continue in physics-related work.



90062470 I think the APS should not be taking specific positions on issues of science policy beyond simply supporting research funding.

90063014 biophysics

91002519 APS is well suited to collect faculty and industry job postings. Imagine a digital classifieds add.

91003317 Due to the funding issues over the last 5 years there has been much effort to send e-mails to your senator. I have done this and I have received responses from Senator Shelby. However, I am not sure how much "good" this actually does. APS should consider asking a few senators to attend the high profile April APS meeting. Especially since the next one is in DC. This is a good place for them to realize the affect physics has on the community and how the DOE and NSF moneys are spent. This gives them direct access to come into contact with the lives their bills are affecting. Maybe having a lunch with a senator would help to push our lobbying effort for more fundamental science funding in Congress.

91004476 I am happy with current state of affairs

91005380 (1/2) Has anyone seriously considered making a general science and engineering wiki? I have shelves of books, but finding the little fragments of information I am looking for to solve any particular problem is time-consuming and not very efficient (books.google.com can be a godsend in this regard). On the other hand, published articles are frequently not very useful for many reasons (among them the publish or perish fluff generation incentive). A more useful product could result from the pooling of research and knowledge into a unified technical wiki that could be very extensive yet easily accessed. I know of companies that make internal wikis to support their products. Obviously this could have a lot of intellectual property issues to overcome doesn't make it an any less worthy idea. (2/2) Research organizational charts. Who's doing what research (and where) along with the links this has to other researchers. It would also be useful to know the relative size of budgets (i.e. the size of the research programs) as undergraduate students. Many of us get sucked in to research programs in poorly funded fields as a source of cheap labor then end up contemplating leaving science altogether for commercial engineering. Those who are committed to a 'cause' and/or very poor engineers end up staying to become the next generation of professors. No offense, this is just my perception / pet theory.

91005980 The History of Physics - especially the recent history of physics - is an important tool in addressing the issue of scientific illiteracy. I would like to see this tool utilized more. In that regard, APS should work to sponsor more history-based outreach programs on the model of Carl Sagan's COSMOS or a more focused (on physics) version of Jacob Bronkowski's THE ASCENT OF MAN. Topics to be addressed here could (and should) energy policy as it has evolved over the course of the 19th and 20th centuries. Sample topic: What is the ENERGY (as opposed to financial) investment in various kinds of electric power plants and how long before there is a net ENERGY gain from each.

91006617 Travel awards to APS conferences

91006795 Negotiate with university libraries for book and journal access for non-academic physicists (government labs, industry).

91006994 better job fairs

91007027 Contacts for graduates with master's degrees in physics

91008562 No ideas are coming to mind. I suspect that some suggestions will become obvious once I find a job and am actually participating in research again.

91009125 I encourage APS to engage in advocacy work to help promote science through policy. I also hope that they do more to engage APS members that are working in more applied fields or in non-research positions. Anything APS can do to continue to push for cultural improvements within the Physics community that help to increase the number of female and minority students is very important. I also would like to see them supporting programs that help members to reach out to the public and to decision makers. In the current information age, we need more scientists to connect with the public and help bring clarity and reason to the a wide range of debates.

91009291 More carrier oriented services, such as job-search advices to members, and all.

91011834 improving the current job fairs

91012090 More features on the online member's directory to be able to access and change the professional skills and status online instead of waiting the annual renewal subscription mail brochure to do that.

91012143 Grant writing workshops

91012285 Increase graduate/early career awards available

91012479 free access to all APS journals

91012542 Free access to APS publications through APS web page

91012960 - Expanded career fair at conferences and on the website - There seems to little to no outreach to LGBT students and scientists in the community. Some effort would be greatly appreciated.

91014232 Career guidance for academic as well as industry.

91014370 Advertise job board online for professors, research labs, and private industry.

91014379 more job section

91014761 fellowship for woman postdocs when she is doing great research and has to leave this research area for family reason.

91015006 career workshops

91015427 Publications from respected professors/researchers that summarize hot new research topics at an introductory level.

91015609 Much improved career center that actually retains old job postings

91015952 Cut membership rates for graduates, and I may continue to be a member :-)

91016699 I would like to have more career opportunities presented at the April meeting. (I know the March meeting has much more emphasis on career events)

91016855 more job ads

91017366 Job fair

91017422 Details of funding opportunities for those who are new faculty or postdocs

91017953 The promotion of science education and research on a national scale will directly benefit my desired career as an educator and researcher. I would like to see the APS continue and strengthen its grassroots political organization. I would also like to see the APS promote science physics in the broader media. Radio programs such as Science Friday on NPR tend to be heavily biased toward biology and astronomy. Where is the coverage of physics? Television programming could also increase public exposure. Couldn't the APS organize more coverage of physics in the media? I want to see more programs like "Absolute-Zero-The-Conquest-of-Cold" from the BBC. We need to get the public, especially young students, interested in physics. The APS could initiate online programming that would highlight recent research and also foundational experiments/theories. It could be in radio or television format and be highly accessible to the public via YouTube interface, podcast, etc.

91018385 It would be useful if the APS would lobby to end the "diversity" practices that are endemic nowadays. While I have not really observed injustices as the faculty level (perhaps because I am not faculty), I certainly have seen less qualified students be admitted to schools, presenting at conferences, etc. all on the grounds that they are an "underrepresented minority". In addition to the moral repugnance of these discriminatory policies, I feel that in the long term, they will be damaging to our institutions, and that our prominence in conducting top rank research will be diminished if we continue to push these issues. As I stated previously, I have not noticed discrimination at the faculty level yet, something I attribute to the good sense of hiring committees everywhere, but I have already seen more qualified students passed over for awards, conferences, and postdoctoral positions, which surely has repercussions down the road as those more qualified students move into fields which more amply reward their skills and achievements. I think that the APS should note that it is the American Physics Society, not the American Social Justice and Injustice Society when choosing its mission.

91019456 job searching

91021653 a better organized job register, such as that of the AAS

91021654 - Local or regional networking events, including industrial members, to expand my network beyond my area of study. - Other networking opportunities - maybe a LinkedIn group so that APS members can more easily find each other? - Information on trends in physics education, trends in employment for

physicists (where are they being hired? who's hiring more physicists now?  
what are the salary ranges for different career paths?)

91022620 It would be great if you could provide a list of funding agencies  
and contacts within those agencies.

91022986 Get chance to review the papers.

91023019 yes

91024876 none. reduce fees instead.

91024892 more career fairs

91025187 The career fair should be more organized. Presently APS Career fair  
is not well attended and the society should try to upgrade its standard by  
inviting more companies.

91026232 I wasn't aware of the "job board" and "career" services. Maybe  
these should be advertised more loudly.

91026943 access to publications on company profiles, e.g. access to vault.com

91027341 Assistance with finding entry/mid level positions that do not  
require a PhD and 10 years of experience.

91028352 A career website and a mentoring program.

91028372 further information on physicists in careers outside of academia

91029076 I am pleased that APS and AAPT are forming a closer relationship.  
Universities are now making great gains in the training of in-service high  
school physics and science teachers. In the long run, this can only improve  
the qualifications of students entering undergraduate physics programs. I  
hope that APS will continue to build a closer and closer relationship with  
AAPT and that both organizations will make services available to each other's  
members at reduced rates. The opportunity for high school teachers to attend  
APS meetings and bring their students is a great way to give both a better  
view of professional life as a physicist.

91029500 I am generally happy with the APS. However, when my membership was  
through the SPS, I had endless trouble confirming my membership to get reduced  
registration at meetings. Maybe this is better, as that was five years ago -  
but this was a serious problem. I greatly appreciate the political outreach  
and this has been essential to my field in the last two years - I would really  
like to see more chances for student involvement in political outreach. My  
experience visiting Washington as a student was that my voice was actually  
more effective than that of more senior members of the field because staffers  
weren't used to seeing young women come visit them to talk about policy and I  
was a fresh voice. I also think it's very important to project to the outside  
world that physics is not just for white men. I would like to see increased  
community involvement within the APS - not just sessions for the teachers'  
division but perhaps a chance for high school students and other members of  
the community to talk to physicists.

91029622 To help international students or physics employees more with visa issues

91030525 More advocacy and exposure for real physics---not just dumbed down simplified science---in the media. We need to communicate to the public exactly what we do. Physics is not easy, and trying to make it approachable by watering it down only delays the shock wave that hits people when they finally realize they have to buckle down, work hard, and actually learn something. Let's get the message out there that physics is fundamental and beautiful at its core, not just about applications.

91030769 Mentoring and/or career counseling

91031960 Nothing in particular. That said, I feel that more should be done to help emphasize the resources APS makes available for career assistance. Taking this survey helped reveal to me a number of these resources which I did not know before.

91032265 More focus on physics education and preparing for careers in physics. Better job fairs and guidance on the path to becoming a faculty member.

91032295 This is more of a thank you for having this service already. Junior APS membership for recent graduates. This was a big help financially to be able to keep in touch with APS while looking for a job without having to pay the full price. Thank you again for giving us the Junior membership option.

91032307 mail physics today journal to me instead of providing just online access.

91032447 APS is completely misguided about Physics research. The professors are working on irrelevant topics, either too high energy or most shameful now everyone is rushing towards too low an energy. They need to grow up and stand up and do research at room temperature. APS needs to take initiative in this.

91032615 "Advice for Postdocs" workshop/panel.

91033317 I don't know if this exists already, but a mentoring program might be nice.

91034390 print copy of Physics Today for students

91039292 APS should provide some more graduate fellowship for the International students.

91041461 strengthening job information

91041702 More broader options on job postings

91042345 (1) child care options/grants at APS meetings (e.g. i know the American Astronomical Society offers some child care grants to attend their meetings) (2) in general, work toward a more parent-friendly community. i.e. launch committees to make it more possible for women to be physicists AND parents. it's a big factor in the attrition of women physicists. maybe establish some guidelines for parental leave (for women AND men), or reduced workload without being penalized by tenure committee. not sure what the APS

women in physics committee can do and enforce, but it would be nice to try and make it more possible for women to continue their careers. (3) Work toward a system that puts less emphasis on the number of papers published, and more emphasis on collaboration. for the sake of science itself, more would be done if faculty collaborated more rather than hide stuff from each other. Yet they can't move up in their careers without a certain number of (possibly crappy) papers published. let's refocus on quality rather than quantity. can we move toward a system where faculty can focus on doing good research and collaborate? think of it as open access to information. we're so paranoid we are going to get scooped, we have to keep our mouths shut. if we only changed the way faculty get tenured, science would be done more effectively, and people might be friendlier, too. (4) rethink the role of journals. it doesn't make sense anymore to wait a year to get an article accepted, when tons of papers come out in arXiv everyday. things have to move faster. we need peer-reviewed, because this is science, but does the process need to take so long? this may be beyond APS' scope, but it's stuff to think about.

91048547 More career orientated web facilities would and could be useful during my job search.

91049746 I don't know much about what it already offers, so I can't comment

91054141 Job search help

91055013 APS must attempt to spread beyond the traditional "physics community". Future is in the interdisciplinary sciences.

91056609 More networking opportunities on a more specialized scale of areas.

91056713 Have a better job search. I hope that APS website would have a better search options

91057022 I appreciate your free membership. I enjoy exchanging knowledge that can shape the future of the Human Race.

91062299 online seminar (live)

91062602 Try to make the process of Visa from India easy for the students traveling from India

91064533 suggestion on being a postdoc

91066015 I'd like to see more job search, thanks

91068570 small, focused conferences

91070340 more free professional journals

91070664 job fairs.

91071688 Health insurance

91071689 visa assistance

**Question 7. What additional programs, benefits and or services would you like APS to provide because they would be helpful to your career over the next few years?**

Recent degrees abroad

90038369 I wish, you had more influence on the US Visa issuing process

90058236 Programs teaching graduates the techniques or tips (or survival kit) to find a job in e.g. academia as a postdoc, or industry. Or even faculty position in the long run.

90062639 journals at good prize

90063297 If talking not about programs but rather about problems, I guess the major issue that is now distracting foreign students are the US Visa barriers. If a student now has to apply for a visa 3 months in advance and only then starts to look an accommodation and book tickets, that's not going work. And I am personally not going to extend my membership any longer.

90063463 Some form of e-mail notice for new job openings would be very helpful.

91005674 Again, job-search guidance for graduate students. Also, more student-focused sessions, not just prize sessions.

91007363 Better job information website. The old one is not very useful.

91012153 Reduced rate car rental or hotels.

91013061 Provide online access of one more journal and introduce some tutorials by the leading people related to advanced topics in contemporary physics such as numerical computations etc. This would be helpful for people like who would like to learn a bit more than the introduction about these topics.

91014971 APS has done a good job in assisting its members and nothing else is required.

91016248 I am now involved in medical physics so anything related to this would be good for me. Since I am involved in developing and implementing algorithms for efficient, and accurate image processing on a computer, computational physics is also important for me.

91020259 I'm just a huge fan of all you do already.

91021006 Add online access to at least one journal of Physical Review series.

91034006 \* More info about physics careers. \* Introduce mentoring program for graduate students.

91036590 I would like to propose the formation of a service which enables the researchers to find different potential collaborators independent of the very confusing and complicated internet sites. This can be fulfilled via establishing an independent website for each division in which each member can choose his fields of interest and the possibilities (/facilities) he/she

disposes to contribute to such fields. In that case, by integrating a search engine within the site, an individual or group can easily find if there exist a potential collaborator for and if their experimental or theoretical expectations can be achieved. This will greatly reduce the time wasted through the time-wasting internet as well as publication searches.

91037047 job information

91040361 a second reduced fee journal

91046309 Post graduate research opportunities

91046546 I think there are already to many APS services - focus.

91046888 I would suggest that "Physics Today" put more efforts on publishing some original research works. To me, there are too many advertisements in "Physics Today".

91047663 APS Congressional Fellowships--more funding to offer more fellowships per year

91056265 I'm so grateful with the APS because I was part of the mexican group which attended the last DFD meeting with free transport and hotel. I will add more brochures in order to attend way more talks.

91061193 Post doc information

91061689 For students who just graduated, I think introduction and guidance for how to promote one's career can be quite helpful.

91064432 APS should have organize lots of summer schools cover variety of subjects in physics and improve the scholarships.

91065068 Organize more international conferences in China, and sponsor more collaboration between APS and Chinese Physical Society.

91065541 job listing and suggestion

91068265 I'm an italian young researcher and I'd like that APS could join our chemistry and physic society in order to improve possible collaborations. I'd like to participate to some international physical chemistry prizes.



**Question 11. Please describe how you would like to see those technologies used by APS.**

US graduate students

90029396 information distribution and web meeting.

90035516 Something like facebook would be nice to provide real time updates to certain segments of the APS crowd, especially at meetings. Information about where people are going to meet, eat and socialize. I want to be able to better network with people.

90038105 I currently use the RSS feeds for PRB&L editors' suggestions, and linkedin. But, mostly at the moment I'm rather passive in my participation. If it is available, I might subscribe to it, but I most likely will not actively participate beyond that.

90040870 Highlight useful information or initiatives that APS provides.

90044190 Honestly I am busy. I use the services the Web site has available at any given time.

90050240 For Facebook and LinkedIn, it would be a way of connecting with other members of APS in the case of bulletin boards, it's an invaluable tool for finding out about job openings and opportunities, as well as a place to discuss different topics with peers.

90051667 I prefer to "network" in person, not online. I prefer to attend conferences online if they are more than ~100 miles away from my location. 1) Please stream the conferences & presentations. 2) Please record and make them available online. 3) Please provide interactive online conference participation.

90052107 I don't really pay much attention to physics anymore, so I wouldn't notice it anyway.

90052149 use APS blog to alert members of important news

90053318 I don't think they are necessary but I am a technominimalist

90053670 I like the idea of using LinkedIn in conjunction with APS membership to both use the existing recommendation and job search functionality of the site as well as provide additional publicity for physicists in general.

90054168 Important news and services on the APS website could be posted to the wall on Facebook. The LinkedIn website would need to be more devoted to establishing career contacts and job postings.

90054536 I believe there already is a facebook group which I am a member. I liked how just a couple of days ago I received a note from the group on recent job postings similar things there and on LinkedIn would be nice. Also, Linked in seems to have a very large business base. It is a great tool, but as far as I can tell it isn't used by academia much. It would be nice to use it as a networking tool.

90054653 an rss feed of the blog would be good.

90054909 I would like to see updates on meetings and updates on additions to information on the website.

90055106 I think the website by itself is sufficient.

90055468 I frequently browse the internet on my iphone, so a mobile-friendly web-site makes it easier.

90057077 I honestly don't see how those features would be useful.

90057452 summary of dates of all events and potential opportunities... right now you have to spot it in the publications as they go which is usually too late to plan for much

90057813 A facebook group would be able to provide quick updates and important events that may otherwise be missed through email.

90058072 Posting of short articles highlighting employment opportunities or possible alternative career paths.

90058434 New information should be posted in a concise format with links to further details as a way of keeping members up to date without having to search for a link on the APS website.

90059187 Information should be easily available when I want it, mobile device viewing facilitates this. A student listserv should have multiple lists including those for discussion of papers/problems/research.

90060063 post announcements, prefer blog to email

90060301 The best way that these technologies can be used is two-fold. One, it allows for a more direct dialog between and the APS representative, which allows for more rich and meaningful communication. Two, it allows for more frequent and targeted communication, which is essential in this age of communication overload. Graduate students are some of the leading users of new technologies in Physics, and the best way to reach more of them is through these technologies.

90060713 record invited talks at APS meetings for podcasting free downloads on the aps website. Linked-in probably would benefit from aligning with APS to help network Physicists and create pedigree for job applicants.

90061128 A student update email with news and announcements for students would be useful.

90062365 The student listserv would just be useful to have a better student community blogs and facebook pages are good for quick dissemination of information from APS to members.

90062472 Not used.

90062809 Information distribution, public relations, meeting advertisements, lobbying people to petition their senators, etc.

90062938 The APS does some things I think are immoral and/or outdated (like scholarships that discriminate by race or gender), but there are few ways to

have a discussion on such issues with the leaders, and other members, of the organization. Perhaps this could happen in somewhere like in the blog comments following a related post.

90063122 Announce meetings, travel grants, helpful programs I might not be aware of, etc.

90063866 Uncertain. It's very easy to expend effort on a pointless integration or gimmicks. I would need to give it more thought.

90064418 a group within facebook would be cool, especially if you could sort and contact (spam...) members in a geographical region or within a discipline of study

90064888 Please see my previous comment about encouraging scientists to blog about science. (And not in the shallow way that is often found in the popular press.)

90065163 Making the information more easily visible. Its all there, but some students are too busy too take advantage of it. If you promote more often and more visibly, it makes it more likely that they'll be able to take advantage of it.

90065220 The meeting pages do not load well on the Blackberry Storm. It would be nice to be able to see the schedule, etc., on the Storm.

90065438 Weekly news built. in more immediate fashion via twitter APS newsletter as a podcast.

90065570 for communication between other APS members

90065597 Advance notice of events at conferences, job fairs, etc.

90065692 Clearly and concisely. Perhaps as an introduction to other APS features. Having a blog where students can list and talk about their achievements (such as presentations, thesis, and publications) might be nice, as well as a potential source of information for employers and/or schools.

91002215 It would be neat to have articles posted, where people can ask/answer questions regarding the physics & its applications.

91002720 National and division events/conferences could be announced using facebook. News items, new releases of job catalogs, etc. would fit nicely in a blog.

91003739 Tools for sharing and analyzing data, or deriving equations could be developed for Facebook or another platform. This could foster more and better collaborations among physicists.

91003890 Posting of events and most importantly being able to interact with members by allowing them to share comments with each other and with APS.

91004242 I don't think they're necessary, unless they could be used to reach the larger public. For me as a member, I wouldn't need these technologies.

91004260 Not at all. Facebook and twitter clutter your lifestyle and don't actually communicate any real information. I'm 26 by the way and by the social norm, I should be jacked into these items, but I've chosen not to.

91004309 It would be great to have podcasts related to physics research and the intersection of physics and society by APS members.

91004331 Give info about meetings and jobs opportunities.

91004461 Periodic updates through these means would help a lot.

91004503 In my mind the APS, being a very respected organization, need not bother with a lot of fluff such as facebook, linkedin, podcasts, or any other nonsense.

91005209 It would be nice to see updates about university programs, whether they are hiring, or whether their experiment is running, or so on.

91005230 post information on this board

91005403 A student listserv would be a great way to communicate with other students regarding current research, grad school environments, rooming and travel for meetings, etc.

91005926 The ability to view Meeting schedules and abstracts from a mobile device is very useful. The ability to download events that occur at a meeting (such as a talk) directly into a calendar application using something like a iCal file would be amazing.

91007529 Facebook group.

91008059 Podcasts highlighting noteworthy/interesting work in APS journals and/or featured at upcoming meetings (either broad physics appeal or subfield-specific feeds). Blog could serve similar purpose (something like <http://www.condmatjournalclub.org/> ) with commentary and forum for discussion. It could also be used to pose questions to readers and invite feedback and discussion. Questions could range from APS policy (Should we add a May meeting?), to sociological (What got you interested in science?) to more physics-focused (what is the most revolutionary result in physics in the last decade?, Has string theory lost its way? What recent paper outside your field has captivated you?), to broad/philosophical (Is textbook quantum theory conceptually coherent? Is physics "more fundamental" than other sciences? What are the ethical implications of X?). Blogs or podcasts (especially if they provide RSS feeds or similar) have the advantage over mailing lists of not filling my inbox when I don't have time to follow them while still allowing an easy orderly way to track them when I want to. Mobile-friendly formats make it much easier to check info on the go (especially useful at conferences). Being able to download MySchedule to a PDA would be a big plus. Even having an APS conferences calendar that could be subscribed from Google Calendar or similar services could be useful.

91008134 Encourage members of APS to sign up for LinkedIn and have an official APS group.

91008309 As a way of highlighting current events in physics, especially as a way to help get in touch with interested members of the general public, to help raise science awareness

91008881 Just post important information about meetings and various opportunities on then. I'm more likely to check out a facebook link than to go searching for this information on my own.

91009070 somehow facilitating easy communication between those looking for jobs in academia and industry and those who have positions available this may require coaxing a broader selection of non-academic research related employers to participate on the website.

91009289 a monthly update regarding all the benefits of being a student member of APS

91009815 Updates on meetings, meeting topics, etc. and perhaps social gatherings in different geographical locations for networking.

91011613 More active APS groups, advertise to get more members in these groups. Some sort of job network on LinkedIn will also help.

91011937 more groups on facebook

91012152 ok this is getting too long. I would not.

91012231 Send messages, links, etc. I'd rather have things sent to me by email than have to check websites for updates.

91012496 Neither different specified areas or career opportunities can be communicated in small groups which make people more connected and informed in the field.

91012550 Frequently

91012554 blogs / facebook / twitter for news updates (upcoming meetings and events, interesting articles / discussions on aps publications). I don't read the emails, nor the aps news bulletin. I know only 1 person my age (late 20s) that does.

91012560 I might occasionally read an APS blog. The recent Physics webpage is very handy in this way.

91012893 I use a reader such as Google Reader extensively, and it would be nice to have weekly APS related updates. I would consider signing up for a listserv, though I prefer Reader updates.

91012915 online

91013547 Please move non-essential communications to RSS feeds that users can pull. My inbox is a mess already. Thanks :).

91013839 make them available online, as for the mobile APS, I would hope that it would be in a format that all mobile operating systems could access. It would be equally nice to have the ability to access papers that way too.

91013849 It would be good if useful parts of the website could be browsed easily from mobile devices, but it is definitely not a priority.

91014053 Periodic postings of physics related talks, presentations, lectures, etc.

91014136 I do not see a need for those without a better context.

91014432 Well, we will like those things, also we know that, nothing is free, as a student, I do not expect APS spend too much money on those technologies, although I have no idea how much it will take to use them.

91014442 We can try these methods.

91015751 Very efficiently.

91016369 Open up discussion about various aspects of graduate education, career, professional ethics.

91017747 To give information about the upcoming meetings, travel grants, breakthrough research works, etc.

91018276 Podcasts for news relevant to physics similar to Physics Today articles and physics related government actions

91018348 Resources like twitter and Facebook give a real time update ability that students expect these days. The trouble is, your feeds need to be specific. If I sign up for a career feed, I don't want 10 general physics stories to every 1 career article that may benefit me which is where many organizations fail. Too many useless posts and people start to ignore it. If you want to publish that type of info on the web, use a podcast where people are used to that type of broad information. A good feed on Facebook to look at is the National Nuclear Security Information page. They keep a very narrow focus so every time a post from them comes up, I know it will be something worth reading.

91018417 Articles available for download in audio form.

91018667 An APS blog could highlight upcoming events, spotlight interesting papers, and do interviews with physicists. This could be helpful to students also.

91019050 I really don't use the website now. I suppose for me it would be most helpful just to have something to regularly remind me that there is a website. This could be a Facebook post about something new on the website or a Blog that I can add to my RSS feed.

91019131 announce actual benefits to us. Don't just randomly spam us with information that we don't care about, like the topical groups do.

91019674 news feeds

91019775 Disseminate information about new services, reminders about older ones, reminders about deadlines for meeting submissions, etc.

91019876 I don't know.

91020314 Social networking tools are overrated for career development. Some of us try to avoid using these tools at work - they're a distraction. For APS news, a monthly email bulletin seems best.

91020558 I really wouldn't use any of these unless they were divided into topical groups. APS is too big and I really only care about DPP events.

91020623 Like an informal way to be aware of any news or changes within the APS structure.

91020777 APS Facebook group, perhaps.

91020900 It would be nice to have easy access to meeting information via handheld wireless devices. (Bulletin for iphone, for example)

91021447 Posting pertinent information.

91021744 Perhaps a general bulletin board with sections for undergraduate students to discuss basic physics, GRE's, applying to grad schools, etc., and for graduate students to discuss general exams, dissertation issues, prospective job searches following graduation, etc. Bulletin boards discussing things like the physics GRE have been taken over by third-party sites like physicsgre.com, and it would be nice to see APS play a more active role in bringing together and opening up lines of communication between the country's undergrad and grad students.

91021977 creating blogs for each specific area.

91022115 Some new information are always very welcome, especially if they are on-web page. Blog is a good idea, because it makes more friendly atmosphere.

91022147 .. just as another avenue to connected with the website and APS members. Also, possibly graduate student programs posted by graduate research departments arranged by specific division.

91022196 connecting with other APS members through linkedin.

91023042 Give updates to website, meetings, call for abstracts, etc.

91023198 Perhaps these technologies would be many avenues to post material from "Physics" bulletin.

91023420 For topical group discussions, so that students have a place to ask some "basic" questions on their research.

91023498 Scientifically relevant podcasts are great.

91023512 create a blog and send email to all the student users.

91023802 Student organizations can send us emails.

91023870 Meeting archive

91023966 brief audio segment

91024312 Post items of importance on bb/forum for exchange of ideas.

91024378 Easy linking of aps journal articles and blog posts to facebook. Similar to the easy of linking a youtube video or some such.

91024631 i don't think any of those technologies are necessary

91024678 I would prefer that technologies like Facebook and Twitter not be used

91024684 Actually, I like the paper newsletter best.

91024711 I think the web site is sufficient.

91024904 Live Chat probably

91025755 I think the APS newsletter would work better in an online blog format.

91025777 I would like to be announced of recent published papers in the podcast... basically the alert system already in place, but in sound.

91025788 not at all. website is completely sufficient. people don't need to be nagged. If I choose to visit the website because I am in search of information I will do so.

91025913 News updates, sharing important information, sharing promotional information when appropriate.

91026071 Meeting agendas for the iPod/iPhone

91026235 These technologies can greatly reduce the time spent on searching and can also avoid the unnecessary read on the irrelevant information. It can also reduce the chance of missing certain information.

91026244 I like it.

91026253 I think the current trend of professional organizations to jump on the twitter/facebook/myspace/etc. bandwagon is incredibly silly and I would not be likely to use or check these features if APS were to start using them.

91026520 Brief updates of services, news, or job postings.

91026533 Use them for updates.

91027578 Used primarily to give information about new available resources on the APS website, along with fellowship and other similar opportunities.

91027653 Share travel & lodging accommodations at conferences.

91027733 I don't think we need facebook or twitter or blogging, but maybe that's just me.

91028057 more frequently.

91028079 providing blog to member and update new item on front page of APS



91028366 Most scientific content is well covered by other online resources, so I think an APS blog would be more useful if it covered more personal aspects of careers in physics. Since blogs can easily be collaborative, I think an APS blog could have a series of guest entries solicited from senior APS members from various careers relating some part of their experiences in their careers. I would hope that the tone of the blog could be encouraging for students and younger APS members.

91028397 APS conference or journal people could put their experience with the conference or the interest of the journal on a blog.

91028556 Podcasts of keynotes and other significant talks from conferences would be great.

91028584 improved means of viewing the schedule of events/proceedings on ipod/iphone.

91029050 event postings to facebook would be cool

91029146 Linkedin would clearly state my membership, which can't hurt.

91029342 Good.

91029356 Announcements of student opportunities (travel grants, fellowships, etc) sent via email

91029421 by having a APS group on facebook for students

91029593 On Facebook you can list upcoming events and then we can see others who will be attending. You can post articles on societal/political issues affecting students in physics.

91029859 Grad school is hard and offers very few opportunities to meet others. Usually a physics student is limited to his or her own department as far as social matters are concerned. Being able to interact with other students at universities and labs around the world would be nice. It's always good to meet like-minded individuals.

91030103 keep the link on the APS website, so that member can directly enter those website. having more information about members

91030260 Group facebook notices of upcoming meeting deadlines would be really helpful.

91030335 looks good

91030568 A blog would describe current research being done by APS members and other issues affecting the physics world.

91030750 Facebook profile for FGSA (maybe this exists if so, I haven't been invited to join).

91030768 provide updates for upcoming deadlines for meetings, scholarships, ...

91030866 Not at all, it would be more irritating than useful.

91030870 A blog dedicated to graduate student issues (everything from where and how to apply to a PhD program to spotlighting career options) would be extremely useful. Regular posts spotlighting careers, highlighting existing resources, and fostering discussion on issues relevant to grad students would be excellent. Perhaps this could be advertised in the APS News or via e-mail. LinkedIn could be useful for networking opportunities, especially for grad students looking at non-academic careers.

91030921 information about relevant updates and online tools via email

91031025 A graduate student APS blog would be awesome. students could connect and actually discuss issues.

91031410 As they already are being used.

91031460 A podcast run by PRL would be great -- similar to the Science or Nature podcasts, but specific to physics.

91031518 Announcements, discussions of relevant government policies and funding.

91031621 a blog with info for members. i check facebook daily, so it would be useful to put updates there

91031635 Weekly/Monthly podcasts of recent developments

91031643 I am almost always at a computer because of my graduate work. I know that many of my friends have iPhones and similar devices. Netbooks are a big deal now too. So I think that as long as a website isn't overload with media and is lightweight (taking up a small number of megabytes) then I think that's good....I'm not sure how else I'd like to see any of the "technologies used by APS".

91031755 Updates on facebook would really be useful as a lot of people use facebook

91031818 Mobile-friendly versions of the critical pages would be nice to have if the APS has things which they would like to rapidly but informally communicate, a blog is a good way to do so... I am a regular reader of the AAAS ScienceInsider blog, for comparison.

91031879 If they were used to provide a central place to keep me up to date without spam I would be interested... I realize that everyone has a different definition of spam though.

91031911 as a method of connecting the community

91032064 mobile phone alerts for job opportunities would be a plus(though this may be offered since i last checked). videos to better explain through example how to accomplish certain tasks, like good presentations or even job interview skills.

91032105 Don't stoop to facebook or twitter. You're a professional organization, act like it.

91032188 Provide updates and news.

91032301 I think a blog will help for people to comment on different things and/or receive answers to questions from other APS members. Facebook is just a easier way to network, so maybe you could find roommates for upcoming conferences, keep in contact with people you meet, etc.

91032480 Some important messages / announcements a month

91032594 i'd probably just stick with the website.

91032596 general/new information about APS

91032917 streamline meeting registration, make conference calendars available

91032960 too much technology use

91032981 I don't really think you need to be twittering.

91033046 Podcasts of presentations/lectures might be a neat way to spread ideas. We could learn physics while driving or working out! A student listserv might be nice for coordinating events with students at neighboring universities.

91033296 i would like to be informed of events and opportunities through these technologies.

91033306 I would like them to be an opportunity to connect and share ideas. Podcast could focus on specific issues/research and briefly describe.

91033307 I find many of these technologies more of a bother than a benefit.

91033339 not only share information with APS, also use APS website as a bridge to connect to other member in physics community.

91033397 It would be nice to have these areas as sources for news of general interest and discussions, as desired.

91033685 very

91033694 I'd like to see emails send out with different pieces of information, some related to professional development, some related to new research topics, etc. Ideally, the emails would have a short overview of each topic with a link to another page on the APS website that would have the full document. I would prefer this method over others including Facebook or Twitter any information on those types of resources will not be useful for me.

91033707 They can be used to make students aware of programs offered by APS.

91033742 Provide contact info to email questions.

91033798 tutorials/information on various physics topics

91033819 I want to listen podcast which focuses on my research interests.

91033827 I would rather most weren't used by APS.

91034258 Have them as an open source where members can post information so others can read.

91034290 Having a blog talking about specific issues would open a two-way communication channel.

91034360 Some videos with APS affiliates as speakers describing the features that APS has.

91034371 I am happy interacting with APS through the APS website.

91034413 If information pertinent to APS members were broadcast real-time, it would be more engaging.

91034730 For example, put APS News into online blog so that everyone can have access to read and comment

91034778 I would probably not use those technologies. The website is all I need.

91034794 I would find none of them useful.

91034893 I use email and cell phones, that's it. No twitter or facebook or any of those other social networking sites.

91034905 I would only recommend the blog, but not very enthusiastically. I might pay attention to something like that for updates on upcoming meetings/events or other general interest news.

91035118 It would be helpful to have a place to go and ask questions that are not answered by the APS website.

91035246 I would like a website that is intuitive, simple, uncluttered yet contains all the information I could ever want from the APS easily found.

91035307 Online lectures?

91035314 Bring up important issues to discuss, in politics, in how science is conducted.

91035451 Making the directories and job listings available on the iPhone would be awesome. The ability to look up meetings and abstracts would also be great and it would be nice to be able to register for meetings/submit abstracts but that is not essential.

91035659 Don't really see the need for any of those.

91035720 Inform about the happenings

91035777 (1)Facebook - have an official group, perhaps for members only. Use the group/Facebook site to post news relating to upcoming events(or just linking to the official APS website), career and research opportunities. (2)LinkedIn - naturally, this site is geared more towards professionalism I think more emphasis could be placed on LinkedIn than on Facebook to eventually create a professional network for students, allowing for REU programs to advertise to students studying their respective fields of physics/science.

91036052 Podcasts explaining new research.

91036330 Posting information on the homepage

91036482 By connecting linkedin will help get recommendations and will help connect.

91036496 Post bulletin news and other important news. It is good to have important links that are user friendly

91036689 A list serve advertising student-specific events that are held during (or from my experience typically held the night before) APS meetings would be nice. Typically, I arrive at an APS meeting the night before, but have no idea about any student events because (a) registration is closed, so I don't have a program or brochure, (b) the hotel does not have free wired/wireless internet, or (c) because I had no idea to expect such an event.

91036877 Having APS show a more open face to the physics community to get the interest of people that are not members yet.

91036910 receive information diary through these services and that we can customize what we want to see from it

91037076 A blog of current events or student advice would be nice, and a way for students to directly exchange ideas with each other (e.g. BBS) would be nice.

91037173 Forums to connect with tangentially related researchers.

91037313 upcoming career fairs and meetings posted.

91037388 Notification of important scholarship deadlines. Reminders of resources available to students (like career center) or pages which have recently been updated. A blog giving APS views on proposed legislation or topics in the news.

91037395 It would be nice to have a group on Facebook, where APS can communicate with its members as to upcoming meetings, etc. I would be more likely to read the information there, as opposed to receiving it in an email or visiting APS' website.

91037727 I surf APS website often.

91037738 The ability to access meeting program on mobile device. Start an APS Facebook group with updates to useful information like fellowship or scholarship solicitations.

91037897 I don't know I haven't really thought much about it.

91038319 Make an APS group on Epernicus.com. Also, podcasts of people who maybe appeared in an issue of Physics Today as a featured article (or any other article in physics today) would be really cool. It's very common to read continuously, but there's nothing really for the audio learner. It would be really nice to hear these people speak about it as well.

91038514 Bulletin board with recent happenings of the field.

91038928 Hard to say for this moment

91038989 Outreach (see ITER on facebook, or UKAEA, etc ...)

91039036 The bulletin/listserv would provide a means of communication throughout the year. APS members could opt out if they do not want to receive the messages.

91039198 please no more facebook, twitter, linkedin. It's overdone already.

91039209 the website is fine

91039218 very much

91039230 disseminate important information

91039241 I would like to see online forums for discussing ideas in all the fields of physics. A very good way for people all around the world to discuss ideas.

91039324 To expand on other published materials. To write about things that may not have a place in other materials.

91039509 Alerts for local events not necessarily organized by APS.

91039701 i dont use any of them, so it would not matter to me.

91039780 linked

91039804 Upcoming meetings, politics/news as it relates to physics (such as funding), ...

91039879 On line only

91040159 research news.

91040291 I'd like to see a Bulletin Board set of for students using APS and for meetings (new presenters getting tips and maybe some other advice).

91040346 APS should have it's own networking site like facebook.

91040355 More informative and helpful

91040433 share information

91040638 Its very up to date, and good.

91040642 online live forum, chatting or posting for graduate student or above.

91040649 Important

91040653 I would like to add APS news and new journal articles to my RSS feed so that I can monitor it via the google reader application connected to my email account.

91040668 Use some mail list to send out information about scholarship or career opportunities.

91040676 Blogs are easier to peruse compared to newsbriefs (RSS feeds). Just keep us informed on the same kind of issues (politics, current research, etc.) you already do, but make it more accessible (summaries are great).

91040706 Create an iPhone app that has career information, top news, etc.

91040781 Would be an added benefit - but not essential communication channels.

91040829 Generally, a presence for both instances would benefit APS's ability to reach other students and a better opportunity to serve the actual interests of students at their level of capability.

91040937 To exchange information and upcoming events with students.

91041023 A bit more personalized information.

91041046 I would like to see a Physics, or divisional (DAMOP), Podcast. A short interview and roundup of the news for the week. I think it would benefit me a lot.

91041429 on facebook.

91041450 Provide the link to everybody and divide the network into different categories, thus people would find connections there.

91041596 Make the web site more physics oriented. Career building is important but it's just a natural product of good scientific results. What were the major achievements (not prizes) of last months? Don't see this information on the front page.

91041640 The biggest addition I could see would be a Facebook page. There is such a wide-spread use of Facebook by my peers. I could see that being a valuable medium for distributing information and possibly raising membership interest among undergraduate and graduate students.

91042029 Spread important information (e.g. meeting times, deadlines, fellowship/scholarship/funding opportunities, opinions).

91042295 Group with posted topics

91042760 Sharing important information among members

91042781 very good

91042958 Podcasts of important APS news available on iTunes as well as the APS website.

91043001 I don't feel any of the listed technologies (of which I selected none) would be of any practical use.

91043205 Career and job opportunities. Link to academic resources. Experts advice.

91043737 to create networking

91043799 enable real time rss updates for searches of aps journals

91043869 An APS blog, summarizing recent events and news would be very interesting. And twitter may be used for more instant updates, or big news. Also, twitter can be very useful during the March and April meetings, for sending reminders during the course.

91044055 discussion of research, employment opportunities, general discussion

91044081 To connect socially to interested professionals

91044133 i hope they don't get used

91044156 not sure of any recommendation

91044188 The blog could update on current news for that day, briefly, and provide links for those that want more information. Twitter could also be used for single news-items with links. The blog could also provide topic forums for students to discuss with each other.

91044223 I think it would be helpful if APS was to send students of a given group information that is specifically relevant for them.

91044230 It should be informative.

91044545 No interest in Twitter, Facebook etc.

91044692 I guess just launching various debates on hot topics.

91044711 list good advices from experienced professors about how to be a good scientist, how to get a job, how to get funds and how to set up a lab.

91044969 I did not notice any

91045019 The ability to have an association with APS on LinkedIn or Facebook would be nice. It would also be convenient to have the ability to view the APS website on a mobile device.

91045142 An iPhone app for Physics Today or APS News and updates would be great.

91045155 notifications of scholarships, grants, special events (particularly at conferences)

91045165 The purpose of those technologies should be to increase the contact between student and units or other sectors of the APS community, since technologies like facebook or twitter are heavily used by young people. Units should be more active in communicating and having more contact with the community.

91045171 APS can have twitter and update news like job openings.

91045329 link APS news through these technologies. such as face book group.



91045877 Updated, Categorized, Search capabilities, Having the option to receive email-alert for important date/events/positions/posts/...

91045951 Twitter and Facebook are amazing tools to connect [with] people. It takes some accommodation to utilize the power of social networking tools, but I can see Twitter (and even Facebook since they have recently added tagging people in status updates) being used to essentially match-make students who share similar interests and are equivalently far along in the studies. There are 25 million active users on Facebook (and I believe 10M on Twitter). As soon as a OFFICIAL APS Student page goes live, you'll instantly have access to individuals' attention, knowledge of their interests, among other things. APS should utilize this technology to teach students about collaboration (yes, initializing through Facebook, etc) and networking. The user database and template for communication is already there. Contact me, I'll even help. ongsv@vcu.edu

91046083 well if the email listserve or the facebook group would send out messages alerting me to the fact that there is a travel grant available or if there is a redesign of a career site, etc.. or even a new posting on the career site.. that would be useful

91046183 Updating important information on a regular basis would be highly desirable.

91046257 broadcasting news through them

91047004 I wouldn't. The website is the appropriate way for APS to distribute information.

91047017 Announcements and upcoming event notifications. Useful tips for APS members.

91047043 More convenient to access.

91047177 Maybe having an APS group on facebook could more easily connect the members and exchange information.

91047468 Raise public interest in science.

91047545 easy

91047565 Podcasts of invited talks, speakers, interesting sessions for open course ware Facebook for advertisement of upcoming events, awards, grants, etc.

91047601 I want Physics Today to be made accessible to the members via online. It will save lot of paper.

91047703 might be useful

91047925 On Facebook it's easy to send reminders for the coming meetings and deadlines. That way we don't miss them.

91048071 daily updates

91048151 Well.

91048165 It would be nice to have some kind of forum for physicists to discuss issues. I'm not aware of such a forum on the APS website at this time.

91048361 Both are good for giving out information about what's happening.

91048977 I would probably not use technologies like that.

91049213 Considering a model already being produced by other associations, would comprise 'profile' pages of members and live forums for idea exchange. Virtual meetings are becoming more of a mainstay with improving net tech.

91049272 e-mail information

91049373 web

91049710 have an rss feed, e.g. of conference announcements.

91049917 Lectures on podcasts could be greatly used for research purposes

91050039 Facebook is a very easy way to spread recent APS news and is already widely used by most if not all students.

91050130 With facebook can provide a nice way to network with others who are interested in the same line of research.

91050738 A blog website with various forums might be useful where APS members can seek answers to particular questions.

91050798 news about things for students in particular, especially jobs, on facebook. An alert to check the web page.

91051056 I never thought much about what APS could do for students. Perhaps, when students join, you could offer to sign them up for a student e-newsletter (or facebook page). Right now, I am on the DAMOP and APS general mailing lists only

91051135 very much

91051672 RSS Feeds are an excellent way to provide targeted information in easily reachable form.

91051776 Facilitation to the un aware is key to growth. with popular media sources like face book, APS will become known to more students faster. i was completely unaware of the program until my junior year. also facebook groups are EXCELLENT ways to coordinate events.

91051910 I would like those tools to help me be more aware of services offered by aps.

91051920 Podcasts of interesting lectures?

91052128 Really just regarding upcoming events, interesting journal publications and any kind of dorky science stuff that we all love to hear and think about : )

91052139 Maybe a bulletin board with sections for official postings, and sections for any kind of postings.

91052459 Blogs and boards for students in a particular area to voice and view one another's perspectives.

91052978 Fast dissemination of information via dedicated scientific networking platform (apart from social ones.)

91053907 As they have been used in the past.

91054005 Awareness for programs

91054356 Funding and scholarship opportunities should be clearly be stated.

91054644 No use of commercial services whose function is to sell my information to advertisers (e.g. facebook, twitter, etc.)

91054858 Please do not waste resources on social networking tech., like facebook and twitter.

91055211 Send out short updates about what is new and interesting in physics or with APS.

91055568 Podcasts could be used to deliver news and events. Facebook and Linked-In could be used to do the same. Interviews with APS officials and other scientists with something to say that is relevant for the scientific community would also be great things to podcast.

91056139 exchange ideas

91056245 It would be neat of APS divisions tweeted on recent research results in the field.

91056311 A digest mail/NOTE on the updates on the Chosen area

91056335 I didn't select any technologies. Physics Today along with the email updates and website are more than enough for me.

91056494 Podcasts of key articles or session talks would be helpful in gaining knowledge outside my specific area.

91056648 a facebook profile / mobile app could post news/job offers, in general and also in field specific versions

91056759 It would be great if online resources could highlight novel research and make us aware of current events of interest to the physics community

91056792 Stop sending me e-mail.

91056899 i think website usage is efficient

91056938 Make alternate versions of the website that would make the mobile devices more effective interviewing and accessing the website

91057052 Mainly, news on Twitter with link to a blog or webpage.

91057073 These technologies are focused on brief news flashes. Perhaps a blog could contain more in depth info.

91057129 Iphone

91057253 for being in contact everywhere at anytime

91057366 To share any updates regarding careers/jobs/research relevant to the student community, perhaps broken down by field or division.

91057379 I think either of the two that I checked would offer the ability of physicists to comment on the messages/announcements/etc made by APS officials and members. I think this could foster a sense of community.

91057567 continue to send out news letters

91057616 Have APS register as an active member of facebook and post meetings as facebook events. Perhaps start facebook groups for the topical groups.

91057712 updated information on meetings, financial assistance info, speakers, general information about meeting location, fellowship opportunities

91057732 APS can create a network like facebook special for physicists and physics students. It will be a very great progress.

91057759 The availability to contact other students perhaps focusing on very similar research would be useful.

91057841 email

91057863 Networking and Mentorship Scholarship and Grant resources

91057866 Publishing information, answering questions from peers.

91058062 Naturally, these are all methods of quickly disseminating information. The most appropriate types would include meetings, activities, employment opportunities, and such. Current research topics (and article links) would be beneficial as well.

91058085 To inform members on APS programs and achievements, and to keep them on updates in science and technology around the world.

91058167 Facebook would provide an excellent venue to present current information for scholarship, and fellowship opportunities and deadlines. Facebook would also provide a venue to reach high school, college, and graduate students early in their interest in physics and possible matching APS activities.

91058172 student linkserver

91058368 The listserv is very convenient and effective.

91058430 I do not use those technologies

91059357 I don't know. A facebook group?

91059366 Regular updates and communication on upcoming events and topics

91059544 Make them available to APS members, specifically for tracking news, new research results, and immediate job postings. This will create a larger, more organized network.

91059564 I use facebook often, so I hope to see more updates of APS on the facebook.

91059773 To provide information on educational services and meetings.

91059786 Present ongoing events (opportunities).

91059899 Visiting the blog and if video mode is available there in the blog that would be appreciable

91059956 Shorter emails

91060207 not sure

91060255 Put it online

91060302 News updates, opportunities to effect policy.

91060586 Regular updates of upcoming events, with an online poster for each. Something like a Birthday reminder on Facebook.

91060690 APS group in facebook and/or divisions groups

91060735 To asses better on any topic to the community of APS.

91060805 It would be nice to have more options to get to APS, but honestly I'm more depending on website/blog than other techniques - twitter, mobile, etc..

91060876 I use twitter fairly regularly. Simple updates being posted to an account will actually lead to me knowing more about what is going on with the APS. I also read e-mails regularly. A listserv is another very good way of keeping in touch with large numbers of people.

91060975 I don't think any of those technologies are needed.

91061004 Blog will be great.

91061100 Interacting webpage may serve as a good tool here

91061197 Facebook is a great way to stay in touch with APS.

91061281 cool.

91061294 It could be nice to have a blog for students news.

91061314 has a aps page and send invitation to members

91061382 Creating a group on facebook.

91061529 A monthly newsletter with student-focused news sent out to the listserv would be well read, I think.

91061553 online

91061608 news update.

91061647 Email suffices for me.

91061660 Many talents do not get enough opportunity/exposure. I would like it if there is a program which does a talent hunt -- challenges for solving unsolved problems etc.

91061695 In terms of information exchange, a blog can be a quick go-to for recent information. A bulletin board can serve a more informal discussion like exchange.

91061880 as a weekly event reminder

91062095 cannot say anything

91062206 Easy to use from anywhere.

91062207 LinkedIn is a great connector, and helpful for career advancement. Facebook is a good connector and good for information dissemination.

91062452 In a way which generates a minimum amount of email for me to deal with!

91062516 Reminder e-mail or announcement on APS Blog.

91062582 events/scheduling (updates)

91062618 An APS page with updated relevant information

91062657 a facebook page

91062766 make connection between students via those technologies for Q&A, sharing info on career, and sharing multimedia files related to research and etc.

91062797 online discussion forum

91062856 Discuss interesting topics in online forums.

91062865 Updates and messages could be issued via facebook. Maybe a roommate-matching program before meetings.

91062931 n/a. Not a fan of facebook and twitter.

91062964 I would be nice that APS use these technologies in order to invite more people and student to attend the APS annual meeting, also it will be very nice to find announcement of the several activities that the APS do.

91063027 give us several options while we sign up so that we can pick what we want to see with all the new tech and we only get those but be able to update quickly online if we want to change some setting

91063088 on-line

91063270 Like a group on facebook that can be updated every day! Since I check my facebook many times a day, I could receive aps feeds on my page!

91063390 Keep members updated on what the APS is doing to benefit them. Also connect APS members to help with collaborations and information exchange.

91063483 Just to convey information of particular use to students--new opportunities and local events.

91063500 To show the outlines of recent news on physics, I guess...

91063682 to involve more people and encourage discussion

91063684 I would be interested to see a blog or listserv for students. I do not think things like Twitter or Facebook would be conducive to scientific discussion.

91063709

91063751 Having a proper APS Facebook page mobile viewing options (an app on the App store, for ex.) etc.

91063771 With today's need to save our environment you should not be sending APS news to everybody unless the specifically wanted to get the paper news. A weekly/monthly email with links to the news blog would save us \$\$\$ and natural resources. A facebook group may be nice but not sure. And smart phone resources are a must have, as many times content is accessed by us via our mobiles and is hard to read the way it is now.

91063786 just to contact us

91063797 what we have now is okay for me!

91063865 Connect people.

91064018 more info posted on line

91064136 a webpage facebook that would link to the APS webpage or something like that. Most young people log every day to those pages, so it would be easier to get messages through

91064247 email notifications for programs specific to graduate students (fellowships, etc)

91064444 for student members, it would be useful to ask about the meeting and meet with people with common interest and work

91064509 please don't use twitter

91064562 Announcements of meetings, registrations dates, etc. on Facebook is a good method of letting many people know something all at once. However, it should be used sparingly, because any party who announces things on Facebook too often, is usually ignored. Keep it limited to announcements regarding the APS meetings and conferences.

91064581 Updates, meeting information For podcasts: research highlights

91064616 I thought you had ideas already! Well, perhaps APS could have podcasts or emails sent via a grad student listserv which could focus on helping students with typical struggles. At the top of the list, I would think, would be staying/getting well informed in their field and feeling connected to other physicists of the same specialty (pointing out new papers of exceptional interest, having a top 100 of all time list by subfield), and advice for preparing for jobs after grad school (things to expect, things to work on, types of experience you should have).

91064650 Current and future events postings

91064671 I Don't know, I have not felt like using them, I am yet to feel like one among the community. I do read 'APS News' and I like it, I know that APS is a major body etc. I am yet to understand the links with the Physics community at large ...

91064773 A linkedin page would help in making connections with like minded researchers and it would help in recognizing potential employers

91064790 I wish everything will be in the web pages, so I won't miss anything important if I don't use other technologies.

91064846 I would enjoy access to educational podcasts.

91064976 It would benefit to have special topics pertaining to graduate and undergraduate students (separately) that discuss the options and difficulties the students have as they plan to graduate, career guidance, and should allow people to post very specific questions so they can get answers as options.

91065038 It would be nice to have a podcasts for physics today. It could highlight some of the featured articles, etc.

91065140 I think facebook application is becoming more and more popular and should keep it going

91065171 An old style terminal based BBS system

91065187 At the moment, I receive an incredible number of emails related to various elections and other happenings that don't seem to involve me at all. Having a blog for students (such as can be read from a feed reader like google reader) with information relevant to students would be somewhat valuable, I think.

91065388 job fairs, careers

91065610 Updates on information/links to student services

91065741 There would be more information about upcoming events.



91065879 Give information from facebook

91066078 It is very helpful for member connection and sharing information.

91066090 Students can communicate with each other by using these technologies

91066105 Displaying new information (research & opportunities, scholarship deadlines, etc) via blog/podcast with help on getting these opportunities would be nice.

91066157 Email

91066232 I would listen to Podcasts on various issues for physicists. Whether it be work-related, career related, or a discussion of recent research.

91066253 use them, don't abuse them.

91066259 I would never use any of those listed previously.

91066380 Useful for reaching a wider audience of people who don't necessarily look at the APS homepage everyday.

91066491 I think that APS need the (temporary)committee for technology ex. how to upgrade facebook homepage of APS.

91066579 Dissemination of information and personal networking

91066601 That's tough to do in a comment box, and I am not the best informed on what APS is doing now. However, I'd be happy to share ideas about the future of interweb APS. : ) Podcast, blog, and twitter should be used for Info-share and edutainment. tankbragdon@gmail.com

91066606 build a group on line eg. facebook to share information

91066644 Printed and online APS information access is enough. Serious science and technology are done through printed media and computers' screen not on Ipod, mobile phones or social websites like facebook or my space. If I can access APS website why should I seek information from APS by using another website? APS can use other websites or mentioned technology may be for advertising its services.

91066659 Just updates in place where I will see them quickly and regularly.

91067024 connected

91067130 I have never visited the APS website, so I can't speak to how the APS might use it better. The print material is probably the best way to disseminate information to me.

91067186 just visit those website

91067453 High lights new approaches, job opportunities

91067587 Sending important info like job postings

91067623 Not at all. If I have to find out about the existence of a meeting, award, or job opportunity through facebook or twitter then there is a definite problem. If you want my attention then you need to be relevant to my research. If I can't go to your website and find out what's happening with my field in general, then how is facebook going to fix that? I get enough garbage daily updates from random people as it is.

91067628 Emails,

91067728 Advertize or publicize what APS is all about using these technologies

91067750 A bulletin board could be used for posting events. Podcasts could be used to post lectures or event talks at conferences for people who were unable to attend.

91067779 I wouldn't.

91067869 I read physics blogs every day, and an APS blog would be great to be aware about news, jobs, upcoming meetings, and so on. Additionally, this technology allows feedback and more interaction with other users. Facebook is widely used and it would allow to keep in touch with APS

91068168 APS should be as much accessible as possible to all through all means of communication we have as different people have different preferences of communications.

91068190 I think social networking sites could be useful in creating a virtual job fair, where people can post their CVs and employers can browse for potential candidates and where companies or universities can post information to attract employees. It would only be useful if it is organized and convenient for physicists/employers to search, filter, and rank according to various criteria.

91068430 I would like to see social networking tools used during conferences to increase the amount of social interaction that can occur from such tools. For instance, anyone can take a topic further if they post they want to talk about x talk at y place and tag it with the conference name so that anyone who looks up the conference can see it.

91069013 Available through the Internet.

91069029 members can share their research and use of APS resources. Maybe a forum will be helpful as well

91069131 to send quick messages

91069620 They help to communicate easier and faster

91070032 Plan informal, meetings of APS members for personal connections

91070061 Job Openings

91070496 Prompt reply to emails

91070500 Network on LinkedIn

91070521 post important events

91070575 News within the separate fields meetings, breakthroughs, reminders, books,

91070594 I think that email exchange is the most reasonable and effective method to communicate to students

91070923 well updated and edited clearly

91071023 Posting the most recent inventions or publications.

91071198 some information, some training step by step

91071470 Regular updates of APS news, opportunities in social networking websites.

91071486 as a venue for communication to student members

91071500 Distributing news, etc

91071547 An iPhone app would be nice

91071613 with publications(in pps. format)

91071678 Make more updates available on blog.

91072065 Student email list sending information about student-related APS things (career pages, etc) Facebook page isn't necessary, but I wouldn't object to using it if it was available

91072170 open an account automatically for the student members. and inform the students.

91072236 Networking

91072770 post discussion thread and news on a dedicated blog.

91072864 an approach to connect with other professionals

91072915 broadcast information upcoming events & announcements

91073049 Updates on fellowship information and communication with other physics students.

91073071 updates on new jobs, new research in physics, etc.

91073080 not sure...like i said its good as it is...I use facebook sometimes

91073434 Create a facebook event for conferences. Post updates on the status page for the event.

91073483 I would never use something like Facebook or Twitter for my main source of information about APS. I would use a forum on the APS website to exchange and gather information on topics. Alternatively, something like an

APS Wiki site that could be reviewed and checked for validity by the organization would be great!

91073549 More watered down, but easier to access resources for students containing current events and news bits.

91073564 I would like to see those technologies on my internet.

91073628 I wouldn't, professional organizations should remain separate from these type of social networking sites.

91073638 This survey is a waste of time for me. Please don't send me any more emails bugging me to fill in surveys.

91073742 Just as a normal blog, but with less useless replies.

91073904 Using Facebook

91073918 I would like to see APS using facebook and twitter. Because most of the students are connected with social networks. Therefore if APS uses social network , we can take the APS to broader audience.

91074166 A forum for questions and exchange of ideas, such as a bulletin board, would be great and very useful in research. Something similar to the Microscopy Society of AMerica's listerver, but in a bulletin board format.

91074167 Most of the technologies you identify I do not use (or find value in). Face book does have some excellent graphics and lectures that are useful. But, I do wish to use APS as a vehicle to become aware of new and developing areas, techniques of physics.

91074230 It would be nice to hear about APS news, events, interest stories, etc while commuting or exercising. Podcasts are a great way to spread information.

91074627 As a tag called "APS in real time".

91074689 Important meeting information, not too much harassment though

91074692 Don't use twitter.

91074731 update information, paper, etc

91074862 APS members group

**Question 11. Please describe how you would like to see those technologies used by APS.**

Graduate students abroad

90020304 More focused on real issues of physicists.

90024838 See previous comments - if have more channels, spend more time checking them for updates

90030959 Make news available on those platforms

90053469 through e-mail, web-site, postcards

90060453 Save my contribution for more important things, please don't waste it on this crap. I don't see how these things would improve your service.

90060679 Targeted meeting announcements. Table of contents for recently published (relevant) journal. Topical student discussion forum/group, including quasi-physics related areas.

91006156 you can send messages using facebook of current job position, postdoctoral positions, etc. so, we got it in our facebook inbox or in our emails.

91007101 I guess online job postings would be useful. Might be a nice idea to be able to post ideas for collaborations online. For example "I need such and such a sample, who can grow it?", or that kind of thing.

91012431 introduce aps member to each other and their ability to help each other for new idea

91015295 Bulletins targeting specific areas could help connect Scientists with overlapping research. Podcasts can be used to deliver talks by top scientists on selected topics.

91017823 Networking with other members. Broadcast of APS news and events. Publishing of summaries/abstracts of articles/papers published in APS journals/magazines.

91018310 More discussion of career options, especially for students from smaller school who do not have the benefit of good advice. For example, I know a graduate student whose only source of information was his advisor, and the advisor hadn't been active in hiring/job hunting for decades and had no idea what to advise. It would be nice to see some discussion groups or info for such students.

91018483 I'm not a big fan of social networking on the internet.

91019048 not necessarily. as long as we can find info online quickly.

91019510 Spreading interesting news about physics in a concise way by mean of blogs and Facebook for example can spread the interest in physics from people

91019819 To create student-based units

91019840 I am having trouble envisioning how Twitter or facebook would be implemented. An APS blog might be an interesting way of keeping people up-to-date with what is going on... perhaps even "live blog" plenary talks at meetings so that people who were unable to attend get some sense of what is happening there.

91020808 Mobile devices could be helpful during meetings - allowing access to information away from internet station. Podcasts could be way to present research in the style of the Science Magazine podcast - this might be interesting to the Physical Review.

91023137 Web page formatted for mobile devices

91024331 the readers are able to post their comment.

91027475 Meeting announcements, professional social networks etc...

91028484 I hope there are free discussions on some research topics with names or anonymous. Or discussion on one specific paper.

91031235 Using them to inform about important info for meetings (deadlines, abstract submission dates), about employment (in/outside academia), inform about outstanding physics(for instance novel discoveries).

91033062 reminder for meeting deadlines :) on facebook sounds like a good anti-procrastination medicine. updates via facebook on jobs/events could also be welcome a blog can serve as a message board for latest news and updates it's easier to find info and judge its relevancy or accurateness on blog than on static meeting website. Used together (website with general info + blog for variable content) can be useful tool for keeping people up to date on meetings, physics news, jobs etc.

91034931 Just as they are meant to be used in applications like facebook or linkedin: to keep people well connected, discover possible collaborators, increase own visibility.

91035767 RSS is great. The existing RSS services (Phys. Rev., Physics, and Phys. Rev. Focus) are VERY useful. RSS abstracts make it very easy to quickly ascertain if information is of interest or not, and flag it for later reading, etc. Any news service you provide would benefit from the use of this medium.

91035968 good

91036756 Forums are generally a better method of electronic discourse than the typical mailing lists.

91037226 more often

91037628 Actually an official APS-Students group with chat on Facebook would be a good idea.

91037630 Slimmed-down interface to prola.aps.org for use on (for example) iPhones.

91039542 As an Add-on in Facebook

91042693 I wouldn't like such technologies used by APS since they're based on always being in touch when I need information from APS I go look for it.

91043515 i think they are not really necessary

91043705 establish a community of APS and exchange information

91045840 In the blog there could be entrances dedicated to the specific areas of research as well as a general section, so one can post problems and subjects of research and then there will be a cascade of proposal and collaborations from the many member of APS, in order to promote the close work of the physics community.

91047023 Broadcasting a news

91047512 Used for announcements, updates, news, etc. as an alternative for emails.

91047733 As I told I prefer Webinars and APS affiliated webpages to get credible information. I do not trust in Facebook, twitter, LinkedIn etc. I am not member of any of them and won't be.

91048366 I do not understand the question very well ... I feel some inclination to say internet ... but I really do not understand what you are asking here

91048432 Presentation of news

91048437 Blogging always attracts attention to very essential things on which light cannot be shed in other circumstances.

91048627 To be honest (and I'm not sure whether something like it does not already exist) I was thinking of using the blog as a kind of news service, containing both hot science news and more policy-related items.

91049215 By posting updates on future events organized by APS.

91051812 As much as I would like to take part in meetings, forums and events etc, it's difficult if not near impossible to do so however if there were means to benefit from at least some aspects of these events via the aforementioned technologies I believe I would feel more part of the APS community.

91052465 very helpful, better more facebook pages

91052644 Contact info posted.

91053278 If the website had a user friendly mobile version, then it would simply make using it more convenient. The more ways people have for obtaining the information they need, the better.

91054866 A very simple Q&A forum, whereby one might post a particular problem/thread/topic open to discussion.

91055083 Help in connecting people and initiating collaborations between institutions

91055903 Use them for updates

91055968 Nice movies about fancy experiments.

91058559 The technologies used that important for my scientist education

91058714 Keeping my privacy in mind.

91059380 Extend connections between researchers.

91060267 - an APS group on Facebook with short news (meetings, deadline, fellowships, awards...) on the wall - articles from the APS journal (the one that I receive every month) in podcast on history of science, or latest hot news in Physics Research or the last page of this journal (which is an article that is not directly scientific, but more general, I forgot the name).

91060505 I would like to see them not used by the APS. Things like facebook and twitter are social fads, with the following disadvantages: - not all APS members access them. - people's access rates vary with time - subject to being screened (so much rubbish is presented to you, you filter through most of it). The APS is a professional institution for scientists. Retaining the pride and dignity that comes with that is important to your reputation - scrabbling around on Facebook like hormonal teenagers, in an attempt to reach out to more members, will: a. make the APS appear very desperate indeed and b. be very irritating. If the APS hosts a conference, meeting or publishes a journal which is appropriate to a scientist's field, then s/he will have forcibly heard of the APS whilst doing their literature reviews. The only effective way of increasing membership, that I see it, is to work on attracting groups of scientists in the same field (If two or three key figures go, the rest of the field tends to follow).

91060696 It will be useful to see them at my e-mail

91060758 As I use more often Facebook it would be nice to have news of the APS's meetings, jobs

91061330 I would like to receive special mails for students on the opportunities we can have being a student member of the APS. I reckon checking the website is somewhat time consuming and not so obvious to do from work. However, receiving an email would let us filter and select essential information on what is going on.

91061494 provides a platform to encourage more discussions.

91062493 Connection between Researcher and Students by domains of physics

91062549 Podcasts of certain lectures would be useful in many cases.

91062775 Talks and short physics broadcasts via podcast.

91062936 a facebook group page for physics students to talk about their research and future would be awesome

91063090 Feature articles on scientist working in industry.

91063157 Iphone application



91063219 By means of messenger or facebook

91064170 I like it very much

91065300 They can help many young students to become closer to APS's many activities

91065558 Compatible with a variety of mobile phones for quick and easy access to material on the site.

91065643 with a title and some nice figures

91065816 To send message of changes to web site or organization

91065980 On the website

91066043 It will be good for those technologies to make physicist more closely linked and specified.

91066150 Present one is sufficient for me

91066219 We could have a podcast about exciting physics news and about upcoming events.

91067977 A RSS blog on topical subjects/debates, research highlights and announcements of activities, with the possibility for members to post comments. Nature Publishing Group has done a remarkable job in creating community awareness by allowing extensive comments on news features, and by creating a community dedicated forum.

91068158 the DFD website is already a bulletin board. I am not so interested in all the rest

91068742 Something similar to a news letter.

91069174 advertisements of jobs

91070089 It is good way to publish news for friends.

91070105 i don't think it is necessary for these technologies to be used by APS!

91071666 As a means to hear from and communicate directly with some of the other researchers in my field.

91071896 lectures given via podcasts,

91072473 I think that the blog is a good tool in order to know the opinion of the members

91072537 Podcasts which every member could see in the APS web

91073507 Firefox plugin

**Question 11. Please describe how you would like to see those technologies used by APS.**

US Recent degrees

90031498 I cant really say exactly how to use them. But I would like someone to at least begin to try to get these technologies implemented and let user feedback guide their development.

90033870 I like to get my information by email

90038356 Exchange job postings and research ideas.

90043543 I don't really have need of a social media interaction with APS. If there were a good blog hosted by APS, I might check it out.

90043851 If I were a member of an APS Facebook group, then I could be sent notification about services provided (such as the scholarship and fellowship directory, which I only learned of from this survey) by the APS.

90045790 APS group on LinkedIn, page on Facebook

90048763 These technologies can help students and recent graduates connect and communicate in an easy venue. Since most of these take advantage of social networking sites, there is minimal work on the APS part due to the existence of current infrastructures.

90049078 Informal journals, and magazines, for ideas and rapid dissemination.

90049569 I think it would be a great idea for APS to have a facebook group.

90053404 have a blog with frequent updates on related news and commentary a facebook page to network with members.

90055788 APS blog - highlight opportunities (scholarships, travel grants) and interesting new research. The bulletin board could be for job postings?

90056017 Make it cross-platform (I'm a Linux user!)

90056332 News and events for members. Hot topics in the media.

90058424 membership facebook following, subscribers get updates and info, maybe breaking news, and/or the APS news letter in digital format.

90061894 Could be used to quickly broadcast new job listings, internships, scholarships, etc. right on the front page with hyperlinks to those pages.

90062470 I think that silly things like Twitter and Facebook are completely unnecessary for organizations like APS. A website is great - focus on that.

90063770 I'm really not convinced any of the new push technologies are appreciably better than an old-fashioned webpage! When I need information, I can find it on the web.

90064491 not sure, you guys are smart.

91002519 Announcements of open positions and news articles would be nice.

91003317 The bulletin board is essentially taken care of on SPIRES and the APS meetings or job listings. There could be a smaller need for postings such as University physics departments listing their seminars. These are typically open to the community however they are never broadcast to larger audiences. Podcasts of high profile news or articles from Physics Today would be nice for people on the go. I would listen to them when I am traveling or working out when it is hard to read. These other technologies are very "trendy" and I don't feel are a necessity for a science industry. You could spend a huge amount of time and money putting together a Facebook page for this to fall apart in a few years when something better comes along. APS is a specialized industry and if any of the other technologies are considered it should be used to make the general community aware of physics, not a means for physicists to communicate with one another.

91004071 Important news announcements, especially by division. (Become facebook fan of divisions I join, relevant local sections, etc...)

91004476 Have a page on FB, link APS announcements to FB, post a calendar of events, allow to upload videos related to physics education, tutorials, AAPT materials, etc. Some "cool" experiments can be posted, too, and all that should be filtered to appropriateness of content.

91006994 bulletin board personalized to member based on his/her preferences. facebook might lead to better networking [although i hate networking, it appears to be necessary]

91007027 Allow news postings or updates, kind of like a mini APS news

91008562 At the end of the day, you're trying to convey the same information no matter which technology you use, and individual members will "buy in" to whatever technology they find most useful. So the question is, what type of communication methods do lots and lots of physicists like? I've been writing a dissertation so I'm pretty out of touch with data like that. Sorry.

91009125 I read lots of news blogs. If APS enlisted members to write about the science behind current news and events I think it would be very interesting to me, and it would also benefit society to hear actual scientists weighing in. Anyone can be an "authority" on the internet. Facilitating the dissemination of real science and expertise would be great. I like LinkedIn more than facebook or other networking sites because it is professional. If you are going to connect with members or help them connect with each other on a professional level, I think linkedin is the best medium to go through - it focuses on the information that I seek most about individuals that I want to network with.

91011049 Won't use them.

91011110 excited

91011834 a forum would be better...

91012143 APS could use facebook to connect with current students in order to advertise events or opportunities.

91012542 For better communication, information and notices

91014379 online

91014639 not at all. twitter is useless and facebook/linkedin are not useful contributions for an organization to make they are for individuals.

91015427 Create a page. Post articles of the week.

91015551 I'm not an extensive user of the previous listed technologies, at least not for work related information.

91015609 plain text e-mail, restrained website design

91015841 I would like to access an APS blog at least two times monthly.

91015864 reminders of abstract submission, registration, etc

91016502 I don't feel I need more frequent updates from APS. The information I get by e-mail is appropriate and sufficient.

91016613 wider outreach

91016855 I would like that aps send us the link and post important information there.

91017953 I have already discussed my ideas in an earlier item. Generally speaking I would like to see the APS continue public outreach by highlighting interesting physics via these different forms of media. Public lectures at APS conferences could be recorded and disseminated as another idea. The possibilities are endless.

91019221 Simple bulletin board for registered members, where questions/comments can be posted with replies from APS officials and other students.

91020031 Don't know. I think APS already uses technology well.

91020413 Short podcasts about current physics research with interviews with authors designed to appeal to technical non-specialists.

91021159 Just keep doing what you're doing. I wouldn't worry too much about the latest social networking fads.

91021654 - I'd like to see tweets from APS when new a new APS News is available, when the Washington Office needs member help and/or has news to announce - I think an APS LinkedIn group would be useful and allow members to more easily connect and network without having to attend APS meetings or be constrained by geography

91022257 Express deliveries of novel discoveries and science policies.

91023019 good

91024910 Podcasts allow me to have brief updates of the physics community while commuting to work.

91025187 Should be career counseling throughout the year.

91026943 facebook.

91027341 AIAA has a student group and geographical groups on Facebook. When people join these groups it is seen by others they are friends with and so it is free advertising. It is also an easy way to send messages to everyone.

91028372 networking/getting to know other students around the country with shared interests

91029076 Electronic version of APS News sent to emails on the listserv. Currently, I get APS News but I rarely read it. If I got it in an html form, I would be much more likely to read it every month.

91029145 Post important announcements to RSS feed so I can get them via Google Reader. I would not want the frequency to exceed 3 messages per week, so throttle by importance accordingly.

91029180 organized by APS. one bulletin for all divisions where the people can discuss sth regrad to the general information and problems to APS. and one bulletin for each division. so that all the people can be connected and also focus on their own interest.

91029500 I like the website and I like the fact that I can find my membership number and review my membership online. I am very likely to continue to use those resources. I am not likely to use facebook and linkedin with the APS because these resources are already used in my field. At this point I don't see any benefit to using them. Perhaps I might use facebook if APS updates were useful - in particular I think physicists need to be better at organizing politically.

91030525 Social networking is a stupid fad, and a giant waste of time and effort. Most of the smart people I know in physics don't bother with these technologies. The APS probably has to have a presence, but it should just direct people to proper web resources, where things can be presented far more efficiently. We're all busy and bombarded with lots of useless information every day, so the APS shouldn't add more noise to the din. Serious students aren't going to become, or not become, a physicist based on some silly social networking outreach program. If you're going to spend much time or money (aside from a token presence that, again, directs everyone to well-designed web resources---and PRL, for instance, has one of the most efficient journal interfaces), then there should be hard data on positive outcomes. I think this is all a bunch of hot air, and a giant waste of time. Again, find out if ANYONE has EVER become a physicist, or decided to seriously study the subject, based on a soft-outreach online. The money and time would much better be spent on more web resources.

91031960 A podcast would be a useful source to give a weekly or bi-weekly wrap up of developments in the prospective job market for physics majors. Cover which fields seem good at the time, which ones may be best to avoid and give potential employers a resource to market themselves to students. The advantage of podcasts is that one can listen to them while doing (some) other activities, versus other sources which require one to sit in front of a computer. There could be a similar graduate school related podcasts as well.

91033741 Send job posts

91034390 mail list, video lectures

91041517 Updated with face book or twitter would be fun and attract young student

91042345 the APS facebook group would be updated regularly, and send messages to its members about upcoming events. the wall and the discussion board should be enabled to allow for various discussions. maybe this has be done already?

91042921 I suppose a bulletin board or blog would allow more information and enlightening of members to APS's functions without additional spam or mailing list sign-ups.

91048547 I often look at blogs for places like Fermi Lab, ArXiv Blog, and several others. I have no intention of using facebook or any of the other services.

91050421 An interacting blog with the possibility to discuss different topics (career, physics topics, conferences...) with other members.

91052433 To provide an environment in which students and researchers can freely exchange thoughts and information.

91052457 It would be best to see those from APS webpage

91054141 APS could have a "forum" for student. there may be one, I haven't seen it.

91056609 Sharing opportunities, networking, and advice especially for students

91059422 widely

91062299 make it accessible

91069539 Optional.

91070340 I'm ok with current ones.

91070370 facebook groups

91070664 written or produced by students

91071474 Notice for APS conference submission, upcoming conferences, award calls, etc

91071688 network

91071689 separate website

**Question 11. Please describe how you would like to see those technologies used by APS.**

Recent degrees abroad

90038369 in the blogs I could search for advise on important problems

90062639 monthly podcast, events on facebook

90064477 I do not see myself reading #aps twitter due to lack of time. Keeping up with PRL/PR/Physics/Focus is already difficult enough. I do not see the point of having Linkln or Facebook.

91005674 Event notifications. Scholarship/fellowship notifications. Job advertising. Use facebook to create online user group.

91007363 I don't like too fancy technologies.

91014971 I would be nice if APS can provide links to the APS blogs and facebook of its members.

91015731 fast exchange of links to papers and academic resources, job posts, experience share (blogs)

91016248 securely

91019853 Moderately

91020978 Would like to see a podcast with the latest news in physics. I would be interested in learning about physics research when I am away from my computer, in the car or at the gym.

91025233 moderately, with only three to four updates per week

91026089 professional networking with APS members through linkedin

91026309 Something like facebook would probably be most useful at the section or topical group level. I'm most connected to dpf and ggr and like receiving email notifications, but it could be useful if there was a facebook group for these that would allow some interaction with the other members of the group. Currently I just get emails out of the vacuum!

91027663 Similar to the news update, but with more interaction.

91036590 providing news, conference announcements and letting the members in a specific field to communicate.

91037660 by mail

91040361 I would like to have the possibility of email alerts and quick tips via blogs or twitter, for example

91044720 I think good.

91046309 audio visual

91046888 No comments by now.

91047663 I would like job announcements to be sent through a listserv and Facebook. Also the same thing should be done for internships.

91049472 just connecting people

91053746 Good

91056265 Notifying us with future events or with advances in our specialty. In my case CFD, specially Spectral Element Methods

91058700 provide a facebook list of registered users.

91059284 I don't know.

91060567 e-mail or regular mail

91061689 The blog can be convenient for submitting suggestions and discussions.

91063451 Not interested

91065068 I would like to visit blogs of some famous professors or groups, from which we can know their most recent progress and discuss with them even without meeting them and sending emails.

91065541 introducing to general audience & tutorial

91068265 Twitter for very important and short news Facebook for improving people connection (groups of work) Blog for daily information



**Question 14.1 If you do not see yourself renewing your APS membership as you finish your degree, please tell us why.**

US graduate students

90040198 not any benefit

90052107 Software engineering != physics

90053564 I don't feel I have any future in physics because of the bad experience I have had as a student.

90057565 I don't see how it will help me and it is really expensive. If I have a job in industry, I am not sure how it will further my career

90060063 The most valuable thing about APS (at least perceived by me) are what it can do to help you find a job. I have a hard time seeing anything other than academic jobs (they may be there, but from what I remember, there really aren't that many job postings online, at least ones that apply to my field, biological physics.

91012152 You have a specific target audience. Not sure what you are asking.

91013547 I need the membership so I can present papers at meetings as part of my degree program, but I plan to move to another field completely afterward.

91017599 Don't feel like the benefits are worth the cost. Feel like the organization has tilted way to the left and doesn't accurately cover political issues.

91026950 I view APS as primarily existing for the academic sector, which I will no longer be a part of. Also, I plan to work in the earth sciences as a geophysicist or petrophysicist and there are other organizations that are more suited for those areas.

91030209 Won't be useful in industry.

91031031 I like getting issues of Physics Today

91031097 BECAUSE I JUST DON'T CARE

91031879 The group insurance policies do not stand out to me as a good deal compared to other options. Physics today is nice but my apartment receives three copies (I like with two other grad students in my department) each month. If I am not going to APS conferences then I'm struggling to understand why I would continue to be part of APS.

91032694 don't see how the relatively high member fee for non-students is justified.

91034798 I need one more year to finish my research

91035309 So far APS benefits have done me no good, all the meetings are in location I can get to. The only think I like about being an APS member is the magazine physics today I get. Otherwise this organization does very little for me

91037867 I joined as an undergrad physics major, but later switched to mathematics. Since my study (and future work) doesn't involved physics, it's a financial efficiency matter, although I still love reading Physics Today.

91037892 I won't be in the field of research, but in high school teaching.

91039879 1.I want to save some money. 2.I do not need to get the two magazines (APS news and Physics Today). I feel you waist too much paper.

91040829 Does not seem particularly useful in my field (particle physics) I know few physicists in the field which have a membership and the meetings don't draw many papers from it.

91052774 Too busy to get involved in APS activity currently but not sure what I will do after I graduate

91053996 I doubt I'll be able to afford it.

91054614 The only reason that I would renew is to present a paper at a conference, but then I may just rather pay the increased registration fee because that would be reimbursed by my institution as opposed to membership dues.

91055950 not useful in industry

91056367 I am not using it..in fact I am not aware of the usages of APS. I would love to learn though..

91056639 Not necessary unless I want to present at a meeting. My lab has everything I need right now.

91056792 The past year APS has done nothing for me but fill my e-mail box with spam repeatedly asking to fill out surveys and pay my dues (even after I notified APS that I am terminating my membership). Your mass e-mail system is very problematic. APS has done nothing for me professionally and does not offer relevant venues for graduate student financial support that are most important to me at the moment.

91057909 1) i haven't really gotten much out of being in APS 2) i don't plan to stay in physics

91059789 because the member benefits are good, but this annual survey is too long and boring

91061016 I won't be in the field of physics.

91061437 Cost, few benefits.

91063443 I don't know

91063734 my career will not be involved with APS.

91066644 I think my APS membership allows me to get access to only one Journal and I do not even remember which one because when I tried to access it online it was tedious and I quitted. Because I am not happy with APS way of handling small income students or schools with limited resources I will seek

science and technology information somewhere else. My preferred scientific organizations are AAAs especially for scientific news and IEEE for engineering information. I will maintain my membership to those two organizations even after I move from USA back to Africa after my graduation in 2011.

91067779 The only observable consequences of my having become a member have been relentless bombardments of APS emails that are completely irrelevant to me. Thus the net effect of joining APS has been slightly in the negative direction (malignant).

91068582 I don't foresee needing to go to the APS meetings once I graduate and therefore I do not need to be a member to get a reduced registration rate

91069353 I don't see ways that I would benefit.

91069620 I do not use the benefits very much

91069842 It depends on where I will be working in the future. In the case I would be in USA I will probably renew as a member of APS. If I will be, for example, in CERN I will not do it.

**Question 14.1 If you do not see yourself renewing your APS membership as you finish your degree, please tell us why.**

Graduate students abroad

90060527 Other than reduced registration fees, there is no benefit to being an APS member while in Japan.

91009409 I want to break off relations with my advisor.

91018310 The cost doesn't justify the benefits. At student rates I still lost money by joining APS, and I don't see that getting any better at full rates. Perhaps if there were a 'non-active' physicist rate for people who want to join but do not require all the insurance and travel benefits.

91023137 I am a Canadian so I do not have the same advantages as US citizens. Depends on my future job

91047023 Expensive

91059380 Because most likely, my future job will not include much research.

91060505 I will be starting a business of my own which is not research oriented. The business will be a UK based engineering firm, so more appropriate professional institutions would be the UK ones.

91060507 Because I am not very involved with APS

91062009 Being a Canadian, I don't think I'd be able to take advantage of all the APS has to offer If I leave academia.

91062765 I don't need any more.

91069174 I do not feel i will need the subscription services anymore

**Question 14.1 If you do not see yourself renewing your APS membership as you finish your degree, please tell us why.**

US recent degrees

91011408 I am an engineer, and APS caters almost exclusively to physicists. I work in cold plasma physics, and the division of plasma physics caters almost exclusively to fusion and astrophysics research.

91020031 Because I don't really see the benefit and I don't really care.

91026809 expensive

91032485 I am no longer a student and no longer employed in a physics related area.

91035638 The membership shall be free for students and postdocs

91037408 Not enough time to keep up with it.

91049746 I've already graduated

91052086 expensive

91068570 not attending any APS conferences soon

**Question 14.1 If you do not see yourself renewing your APS membership as you finish your degree, please tell us why.**

Recent degrees abroad

91058613 I just don't see the real benefits

**Question 16. Please let us know if you have any further suggestions on how APS can better serve you as you advance through your career in physics and if you have any comments about this survey.**

#### US graduate students

90024588 We may need smaller university-based local units, similar to IEEE ones.

90029396 provide permanent working visa in the US.

90038105 There are currently programs within the APS for providing women physicists with career advice, such as the Professional skills workshop in March. However, I would like to see more workshops, like the one in March, that are directed to a more general audience. By all means, keep the female directed programs open, as they are necessary in our male dominated field, but these types of workshops would be useful for everyone.

90044190 I am glad you are taking the time to get Feedback. I think there is very little to criticize about the organization. Again I appreciate anything and anyway to learn Physics.

90044474 All I ever attend is the APS-DFD meeting. It is a great resource, sustain and improve.

90049817 I would like it if there was a link to all the national labs post-doc and staff open positions pages. It may already exist and I just haven't found it yet.

90050240 For a student like me, who is looking to graduate by the end of the year and haven't found a job placement yet, it would be crucial to be able to attend meetings such as next year's APS March Meeting. It would be helpful to have financial aid from APS in order to be able to attend the meeting and present my work, as well as network in search of job openings.

90051667 Please use 21st century technology to save energy and carbon wasted on transportation: 1) Stream conference presentations & classes online. 2) Record conference presentations & classes and post them online for member download. 3) Provide online interactive conference participation.

90052107 Sorry, not really. Physics is great and all, but it's just not for me.

90055259 With the help of the senior scientists and leaders of Physics community it would be possible to provide assistance to keep interested students in the field after they graduate. The highly competitive market, eliminates many of talented physicists. The effort spent in providing more research opportunities is surely an investment in our country's professional future.

90057077 I wish there were better statistics on academic jobs in community colleges and small non-research schools.

90057565 It would be helpful to me to learn why it would be important to stay a member of APS after I get a job in industry. I could see how it would benefit APS but not how APS would benefit me

90057813 Some sort of post-doc/career matching program would also be good.

90060703 Right now I am a grad student and have no free time to browse APS news or read the periodicals I get through APS (I only read what I need to). It's possible that sometime in the future I would have time to enjoy them, but right now they are just spam in my mailbox.

90065163 I think the resources are actually quite good, they just seem hidden in plain sight. Email reminders and things like that can help, and it may also be good to remind advisers to tell their students about the resources available.

90065692 I really never understood what the APS does, nor why I should join. Other than the subscription to Physics Today (which seems to justify the membership) and a single March meeting, I have never had any interaction with the APS.

91003844 Make ALL paper mail (including calendars) optional and make email the default means of communication.

91003890 More networking opportunities with senior physicists in the same field.

91004242 Provide more information about career paths, and careers using physics outside academia.

91004461 International focus, especially on developing countries, is lacking in APS. I know the society is 'American', but all the 'Physical Review' Journals caters to world physicists and physics itself is not restricted to US, Europe or other OECD countries.

91005209 Keep the website updated with current info.

91005230 I was not aware about a lot of these resources, so notification by email would be helpful

91007529 I think the special sessions for students and young professionals at APS meetings are very important. I like having the forum to learn about the career paths of experienced and successful physicists. The job postings are what I have looked at most in these last few years.

91008237 I would like to keep my membership once I graduate. The only barrier to that is financial -- fees go up tremendously for non-students, and whether I pay for a continued membership depends entirely on how quickly I find a position.

91009289 the lunch with the experts was really cool - more of that

91011613 Good survey, will help if lot of people take it and the suggestions are implemented to some extent.

91012550 I intend to return to my home country (Nigeria) after graduation and I would like to continue APS membership and possibly establish a link between APS and NIP (Nigeria Institute of Physics) if one does not yet exist.

91012768 My six years in grad school can be boiled down to just two things, passing my coursework and getting published. I've joined APS assuming that manuscripts from members would be received more favorably than those from non-members.

91015564 I don't know how to access journals once I am not on a computer with subscription. What should I do so that I can use my membership information to get access to journals everywhere.

91016369 Would be nice to see whole survey in advance to allow more thought development.

91016457 How does a new Ph.D. go about landing a job in industry or a government lab if his professor has no contacts or insight into such fields?

91016831 Please assist and provide more information to U.S. students that also pursue a degree at a foreign university.

91017747 APS is doing a great job towards the improvement/ development of physics. But this is not "COMPLETE", you need to do more to compete with the newly emerging world of physics and physicists !

91018348 Graduate work is often focused on academia and industries which have similar research models. Currently I have been working in Fermi energy heavy ion reactions and I have decided an academic career may not be what I am interested in. However, I am having some difficulty finding ways to connect with communities outside of academia. At conferences and career days, people do a good job of showing the breadth of what is out there, but these people are only rarely at conferences or other academic events and they rarely have a publication record or web page. A good example is, there is a group at Andrews Air Force Base that tracks radionuclides in the atmosphere. I know they exist, but I can't find a contact for them so see how one gets involved with such work. That type of networking is difficult unless you are lucky enough to be a student nearby.

91018417 I would like demographic data on physics Ph.D recipients: age, occupation after receiving degree, etc.

91019050 I LOVE the APS News Briefs and the Physics website. Excellent job on both of those.

91019131 There are too many grad students and too few permanent physics jobs. APS should try to get NSF and DOE to correct this asymmetry! Lobby for more permanent jobs in physics, and fewer temporary jobs (like postdocs). Did you know, that AFTER I got my PhD in physics, if I went to medical school and completed a residency program, I would have a stable job at a younger age than I would if I stayed in academia? (And I'd get that job with much much higher probability than I'd get a permanent academic job, even if I get good postdocs and publish in good journals. Not only that, but that job would pay better and would give me more respect as well as flexibility to raise a family and live in whatever city I wanted. And I'm just choosing medicine as an example because it requires lots of training ... there are lots of other jobs that



would land me in a stable position even earlier.) APS needs to create a climate, where normal people, who value their families, financial stability, and life outside of the lab, can succeed as well as the "Big Bang Theory" types.

91021288 Nice to know the progress of the survey itself, i.e., how many questions remain?

91022115 I have no any suggestions. You are doing your job very well.

91022147 .. Everyone could always use more free handouts at the meetings!!!

91022191 There is no consideration about international students even if a lot of them are the member of APS.

91023198 The tutorials the day before APS march meeting begins are generally quite good. I've had a good experience meeting fellow students at those. A student function or reception adjacent to those sessions might foster some networking.

91023420 Have better connection with physical societies in other countries, such as European countries or China.

91023553 It would be nice and fair if the same opportunities existed for U.S citizens as well as for foreigners. But this is not the case currently. I think holding a Ph.D from a U.S institution, having paid taxes all previous years and having not broken any laws, would be a reason to provide those opportunities. Being completely disconnected from my country of origin for more than a decade, clearly won't serve me very well in finding a(ny) job. shame everybody knows your name.

91023802 APS organization is very large and meetings can be a little overwhelming for students in some respects. We receive fairly frequent emails as well. APS events and emails seem already so professional that at least, I do not see an easy way to participate more in the community. It'd be nice if there were easier way for students to participate in the conference or APS activity. For example, PAC offers students larger travel grant, but they ask students to help with the conference. I think this is a good way to get more students involved.

91023870 The survey was very easy to navigate

91024312 Help internationals find employers, they have a harder time than citizens who have no visa restrictions.

91024378 Thank you.

91024631 give more resources for covering child care and expenses for women and men that make their career while being parents (mainly graduate students and post doc) and do not interrupt it because of them.

91024635 In general, the only point that will help me and other young physicists is that you should emphasize your efforts to get women in physics by allowing them make their life as normal as possible. To put pressure on agencies to help women that stay doing physics even half time when they have

family. They are the ones that should be helped more, not the ones that on leave for years and then try to come back.

91024684 IEEE Spectrum is very catchy-looking and appeals to a broad audience. Learn from them.

91025630 These surveys should be continued as the technology and the communication skills evolves in time. A really good example is facebook. Effectiveness of the services, web site information could be checked in more detailed with these surveys.

91025788 I am happy to be selected for this survey

91026235 I think setting up ways for communication between people from different divisions will be helpful for cross-field research.

91028033 good

91028079 Basically I am happy with your work. If you give us updating news by email, it would be helpful.

91028716 Please do something so that more students than faculty members can attend this conference. I loved my last APS meeting and my seminar was good as well. So I would like to see more students involvement. For ex you can ask students to apply for any assistance and in that way they can earn their tickets and help the attendees.

91029342 It would be better for APS to hold some job fairs for industrial companies.

91030209 APS is a good organization, and I'm happy with what they do.

91030335 At least provide FREE coffee!!

91030705 Thank you for the survey. Please try to place multiple questions/page so that future surveys don't have to wait for the page to load 15 different times.

91031245 APS is doing a great job on behalf of its members. Hope this survey will be a further step in the right direction.

91031264 I don't use the Geico car insurance

91031584 Keep sending emails and mail

91031755 BY maybe organizing employment forums to make people aware of employment opportunities in Physics

91031986 I wish there was a travel grant for condensed matter events including APS March meeting.

91032064 An ability to locate people in similar research positions would be helpful. To find people with whom i can collaborate to further both our research would be an interesting and instructive venture.

91032938 more networking possibilities

91033046 Registration fees for most meetings are too high for me to attend unless I am being reimbursed. (And we are currently only guaranteed reimbursement for one meeting/year in my group.)

91033307 I would like electronic copies of Physics Today (single PDF per issue) and the option to stop mailings of Physics Today and APS News. The electronic versions would be much easier to archive and waste less in printing costs, materials, and postage.

91033339 How about a forum with categories divided as you would divide physics into different subjects.

91033435 When I get fellowships or travel grants, I want to know I deserve them, but not that I was granted for being female. I do not feel like being discriminated! at Physics Department, that is why I never apply for membership in female organizations and do not participate female friendly programs.

91033685 APS should communicate with VISA section of USA embassy to make the visa easier for foreigners. Sometimes attending a meeting in Canada will be a big problem for me.

91033732 Review articles and historical articles are very important ... they should be highlighted. Also, the physics spotlight "magazine" is a nice idea.

91034166 I would like the option to eliminate paper delivery. E.g. electronic-only delivery of Physics Today and other mailings.

91034383 The APS website is very difficult to navigate, should be made more user friendly. I often wonder what my dues does besides get a copy of Physics Today each month. As I stated earlier, it seems that any/every article I try to get, there is a charge for, no matter that I am a member.

91035096 I would like a clearinghouse for jobs in physics, to include not only post-doc and faculty positions at research universities but also positions open at state four or two year colleges. If such a clearinghouse exists I haven't found it.

91035386 You should have an option to not receive a hard copy of Physics Today, as we have copies available in our department library and do not all need individual copies as well.

91036414 I am apparently completely in the dark concerning most of the student services you offer. A brochure would be nice when I renew.

91036496 Send email for important dates datelines and useful links for better communication

91036910 to create a subunit for minorities

91037173 Guidelines on acceptable behavior and rights of students and faculty and surveys of related abuses.

91037727 APS is a great organization.

91039748 This survey takes too long to complete. Reloading the page for each question is unnecessary. There are better survey formats available.

91039910 It would be goof if you said at the beginning how many question are on this survey. It is kind of a vague road, and I know of some friends who just stopped proceeding answering the Q's because they thought it was getting long and they didnt know how many more were to come....

91040346 Some physics related job site specially for foreign nationals.

91040355 Grants for International Students

91040638 Just keep on doing the good job!

91040642 i am sorry I can't think of any suggestions for APS. But, I will tell you whenever I come to have one.

91040649 More technically oriented articles

91040781 The wide variety of fields covered in Physics Today is very exciting - keep up the great work!

91041381 Recently, I've seen APS's lobbying efforts highlighted in newsletters, and as a conservative who believes in reduced government spending, it's very alienating to me. As a professional organization, I think APS should stay out of politics wherever possible. I can see why APS wants to lobby for increased science research in the federal government budget, but if what we do is actually important, we should be able to find corporations that are willing to fund what we do, as we have in the past decades. What APS should lobby for (if at all I'd be happy if APS strictly stayed out of politics) is decreased government interference so that corporations can feel free to make long-term investment as basic science research, as Bell Labs did, not for increasing the 800-pound gorilla that the government is.

91041428 I think APS is doing a great job, I am sure there are ways to improve but I do not have enough knowledge and I am not aware of the all the constraints that would probably hinder the improvement.

91041429 provide more information about the technology application

91041450 Good survey and target the future direction very well.

91041596 I expected APS membership to give me opportunity to influence science development (for example by reviewing/commenting on abstracts/proceedings just helping - not necessarily "chairing" the process ). So far it's just a way to get to April meeting at a reduced fee.

91041640 Nothing additional, just keep up the great work! And thanks for all that is done for us by APS!

91042760 I am satisfied with present level of service. Thank you

91043205 Availability of high quality resources for self-learning of hot topics in research is my main concern. Getting to know already available resources from APS dealing with this through e-mail would be of great help. Otherwise, please consider adding resources on this matter.

91043737 APS should create job interviews onsite

91044079 Physics today and APS news is a waste of paper. I think APS should offer an option to be receiving them in electronic form(through email)

91044081 Publish career opportunities. Free workshops on career advancement during the APS meetings.

91044230 I am a international student but want stay here for further research. So, it will be good if APS could help in this matter. This survey is really good and informative.

91044692 I think it was a well balanced survey. Again, linked to my problems, I would like APS to launch a debate if the duration of graduate programs are out of control (on average) and if PhD graduates choosing to go to the industry don't regret the excessive time spent in school (I do).

91045165 I would just like to insist in a big change in culture of physics as a mostly academic alternative. Students should be aware that probably most of them won't become professors, and that this is totally fine, even better for some individuals. So they should know their choices very well.

91045171 Many international physics students have problem getting job information. If APS has a website and people can update their stories like how they found job or where they found the job information, it would be great.

91045329 open up scholarships and fellowships to F1 VISA students. at least some of them.

91045877 Again, more organized collaboration with other International Societies/Institutions/Research-Centers

91046083 right now, because of or especially since I have a limited budget and nearly no time for stuff, it's hard to make use of the APS, but once I graduate I'm also not sure how I would use the APS resources... so there's clearly a gap there. I'm not sure that for what I get out of it, that I would find a compelling need to pay as much as a non-student membership costs...

91046131 Thanks

91047177 For being more earth friendly, it'd nice to use more online materials instead of paper-based publications (like Physics today), since most people probably only read articles of their own interests.

91047377 Not so much serving me, per se, but continuing with the public outreach. I had the pleasure of attending some of the sessions on the APS outreach methods, results, etc. They all sounded like great ideas and I hope that an even more aggressive course of action will continue as the years go on. I had never even consciously acknowledged the communication and information gaps between the scientific community and the public. Ultimately, I think this hurts us in more ways than we can fathom. To embrace the public in ways which they can understand, and patch some of that gap, I feel is a top priority. That would be one of my top priorities if I some way involved in the 'executive' duties with APS.

91047468 Employment opportunities.

91047601 Please provide electronic version of Physics Today and Newsletters.

91047616 easy weblink to survey, with no information to enter made it simpler to access

91048472 By organizing workshops for interviews and job search.

91048513 I wasn't aware there was a student-specific part to the website until taking this survey. It might be good if that were more widely known.

91048739 easy access to internationals and developing countries

91049213 None. Many thanks.

91049710 Survey: put all questions on one page.

91050738 No suggestions, the survey seems all right, except for a tiny detail: the question on one's status did not have an option for me (...or other members of APS that are outside of the USA). Concretely, my status has changed and in the meantime I moved to Canada with my husband so I am pursuing a doctoral degree at the University of Alberta, but there was no such option as "outside of USA." Perhaps the survey is meant for only within-the-States APS members, in which case I may not be eligible for this survey.

91051135 Continue service after my backing to china

91051158 I know that you have sent in the past a list of the benefits of the APS membership. I must not have paid enough attention to them I will admit that I have learned about some of these benefits from this survey. Perhaps a reminder about benefits available or an email to a link to these benefits would help me remember the good things you guys provide.

91052459 Nothing comes to mind but thank you for the survey.

91052978 Career Fair/Open House for students.

91053917 I'd like to see more work to ratify the CTBT. I'm eager to help with this cause.

91055568 Keep doing what you have been. I haven't needed your services much (to my knowledge) because I've been engrossed in research. As my graduate career ends, and I'm looking forward to postdocs, I'll need your resources more for the next steps.

91056311 I was not aware of the career programs offered by APS, although I am a member of the APS, before taking this survey. I would prefer a monthly digest on the available career options/guidance/resources available for the student community. Thanks!

91056759 This may already exist, but given the number of physicists who leave the field to pursue careers in other areas, it would be great to have some information about other (perhaps counterintuitive) opportunities for people with physics skills.

91056792 STOP RECKLESSLY SPAMMING YOUR MEMBERS.

91056899 I think website is good and plan to do more with APS as I continue graduate studies.

91056925 send to me articles related to experimental condensed matter physics.

91057026 APS is doing a very good job.

91057050 it is very good--I take APS as my professional organization and it gives me the feeling of becoming a part of scientific community--this is a great feeling

91057129 help international member to apply visa

91057732 I overemphasize on creating a social network like facebook only for physicists to share information about their researches and job openings.

91057759 I like Physics Today and read it fairly regularly. I think the career / job postings site is also important. I do believe that it would be nice to be able to find researchers interested in specific areas of study via a members database. I do not think that the one free subscription is of any use, as my university already subscribes to every journal that APS publishes.

91057841 i think the service is quite good as it is

91057866 Maybe APS could offer more fellowships to international students. Most NSF and DOE grants only target citizens and green card holders.

91058085 I will appreciate updates in science and technology. Also, areas where Physics applications can be used in labor market. The survey is apprehended.

91058167 As a graduate student it would have helped if I was given an honest representation of graduate school life before starting. It is a process that has not changed much over time but new graduate students have to figure it out on their own in most cases. If people were more informed their preparedness might positively impact retention rates in graduate physics programs.

91058430 I didn't know about the aps meeting tips and advice page. I should look into that

91059366 More information in the regular APS mails about scholarship opportunities for students.

91059789 make a shorter survey that you can complete in less than 5 minutes

91059899 none. it is very helpful.

91060735 Excellent!

91061004 It's alright .

91061197 a meet and greet for the students will be beneficial

91061294 Graduate students symposiums or conferences are great and it could be very good if you put them together with short courses or summer schools.

91061354 APS may form a network with other physical societies in the world.

91061553 more job fairs

91061794 APS can serve me better by not offering me the opportunity to spend a few minutes taking a survey.

91062206 Application oriented program and meetings. Encouragement to people who has good publicity in the physics community. Feedback!

91062215 I think APS can provide more postdoc/industry job information

91062411 Keep up the good work, thank you.

91062457 None as of now...Physics today is great.

91062474 Physics Today rocks!

91062516 Some information about conferences and meetings that gonna happen in a couple year.

91062544 A status bar showing how far we have gone in the survey would be useful. APS is doing a great job, especially with the APS newsbrief!

91062586 more than one year free for graduate students!! :-)

91062766 please advertise more your useful websites that students members might not be aware of.

91063027 help direct us in what trends are and make it easy to find info on servers about careers and other science info

91063088 Thank you for your efforts...

91063134 job fair

91063270 more meetings on different cities.

91063751 Great job and keep up the good work.

91063786 thanks

91063797 everything is alright for me!

91063865 This survey is good to connect members in APS. Let us know what benefits membership can give us.

91064018 career design

91064671 I have indicated in previous comments

91064794 Offer travel grants and presentation awards to students who present at APS conferences. Distinguish between graduate and undergraduate students in offering student services.

91065140 Should form specific groups of students depending on their area of research and start a discussion forum and so on



91065171 Greater help with PhDs from abroad getting academia appointments in US

91065961 It would be helpful if APS informed it's members that are international students here in the U.S on a student visa, what opportunities are available to them, and increased the number of kinds of scholarships, etc. for them. Many of the grants, etc., are available only to U.S citizens.

91066113 I would like to go to APS March meeting every year and I would like to receive emails form APS about possible carriers or jobs

91066447 Ok

91066478 More regional or state meetings may be great.

91066601 Maybe something like the Philosophical Gourmet for Physics grad programs? <http://www.philosophicalgourmet.com/>

91066606 I hope I will be informed by emails about the future students' activities in APS.

91066644 I attend Morgan State University. All APS Journals are not available at our library neither in print nor electronically. It is expensive to subscribe with full advantages. APS should contribute to help those small schools by giving free access to their grad students. This can be done by recommending students to create an APS organization and then give free membership or do it directly with schools' library. I have a comment in APS News "Where Are the Africans?" criticizing a huge underrepresentation of Africans among APS award recipients. Because of the schools affordable to most of US and our income we also do not have access to APS Journals. Make those Journal available to US even if most of us will not read them because rap culture has corrupted a lot of us but there are a few that will read them.

91067130 I'd say the March Meeting is probably the single most important service the APS provides. When I start looking for a postdoc or other job, any career guidance or job posting board will be greatly appreciated. In other words: continue doing what you already do well.

91067186 provide more information on job opportunities, especially with postdoctoral

91067453 It is very nice that APS can help out students not only the researches, but also the future careers

91067628 That's good enough!

91067728 By sending me career opportunities about my research.

91068168 It will be nice to know more about people who have made career through opportunities in APS either in academic or industry.

91068336 Probably by creating personal pages about our career through the website. It might be similar to a CV or resume in there for employers to check.

91068430 A list of schools, research facilities, and companies that include sexual orientation, gender identity, and gender expression in their employment equal opportunity policy as well as a list of those that include transgender health care benefits in their insurance options. This would be extremely, extremely useful in helping me decide on places to work once I graduate.

91068432 I recognize that I've not given APS much thought apart from the one meeting I attended. Going through the survey has actually had the effect of making me interested in looking a little more closely at what the organization has to offer, especially as I draw to within a year of graduation.

91069277 More publications about general stuff that's not directly physics related, but enjoyable to read. things such as more personal stories of people, particularly of those who haven't deceased yet.

91069353 This survey took a long time in waiting for the next question to load.

91069405 Yes, I don't know if it is in your power but real difficulty for me as a international graduate student is that I have visa only for one year and I'm not be able to go to for example graduate student conference in Mexico because my visa expired and to get new one I need to go back to my country (Russia) which is very inconvenient! I'm really interested in this kind of question because it's ridiculous when you are working in US for US science and actually can't go to out of country meetings. Thanks.

91069958 aps is more than good

91070435 Separate conferences to units

91070575 Maybe to be able to obtain advise from senior members.

91070893 again, get us green cards. jeez, the illegal immigrants can get citizenship if they stay long enough but phds can't even legally stay to work? wtf?

91071025 Lobbying for physics funding

91071678 APS website is good. Well connected. Improve interaction between members. Dedicated student page should be more informative. Survey was well presented.

91071694 Where can I find out about the insurance benefits (e.g. GEICO)? Where do I find/sign up for this free online journal?

91072434 for international students, it is better for APS to collaborate with other countries' similar society.

91073080 What the fuck is up with universities and 2nd bachelors programs...Its like they want to avoid them like the plague, or gouge your eyes out with debt, and for what? I think an exception should be made for physics programs everywhere, for people who have degrees in disciplines that are intellectually worthless, physics should be a field more open to having more students, even if they don't go on to careers in research. Most universities physics departments are absurdly small, they could use more students.

91073198 A progress bar or such would be nice when going through the survey.

91073483 Not sure if APS has control over this, but it would be wonderful to see more entry-level positions posted through the website.

91073695 Post information on fellowship opportunities and specific advice (what to do, what works best, etc.) for graduating students looking for work.

91073742 I suggest that the survey should be a one-page question web page.

91073918 APS should reach out the general public that they don't think Physics is a hard subject and probably APS should target High school students.

91074167 I am really not interested in career advance at this point in my life. I am interested in supporting the physics community, having APS be one of my "points of contact" into that community and using it to help keep me up to date in physics.

91074308 I am sorry, I haven't really taken advantage of any of the services yet.

91074741 The survey is very useful and I would like to get more information about biological membrane and microscopic technics

91074747 As a Physics Graduate student i would like to know more about the job opportunities.

**Question 16. Please let us know if you have any further suggestions on how APS can better serve you as you advance through your career in physics and if you have any comments about this survey.**

**Graduate students abroad**

90020304 I live in Canada now so the last question doesn't apply for me. Thank you for the informative survey.

90024838 See if you can reach out to the international students via online mentoring. Given that many international students come to the US, and vice versa, building links via common student development programs is a good thing.

90053469 It could give additional information on Nonlinear optical area, research groups, contact persons

90059919 I liked the survey. It was brief and did not go on and on about features that I am not using or will never use.

90060453 If you have money to spend then please reduce the fees instead of wasting them.

90061534 I'm an international member living in Sweden, so several of these questions didn't really apply to my situation. My main interest in APS membership is to get Physics Today.

91008814 shorter surveys / progress indicator during surveys

91009308 I feel quite well-served by the APS. Apparently there are some benefits I was not aware of, but overall I have no complaints.

91012431 I think it will be important if members have international projects without concern their nationality and share them

91018310 I have dreamed of being a physicist since I was a small child, and I always got perfect marks and did well cited research. But because family & health restrictions limit my travel, I can't live my dreams. I know of many other top graduate students who have the same problem. If APS really wants to help new graduates, they need to find a way to let us continue our careers without sacrificing every other aspect of our lives. One option might be special fellowships for graduates to create their own post-doc positions at a university of their choice. Another option would be a virtual online physics institute where we can discuss research projects and collaborations, so that even if we are not paid as physicists we at least don't have to abandon our chosen careers. It wouldn't have to pay anything - other jobs can do that - but just be an affiliation so that we can publish research and build a network of contacts that we normally would do in post-doc positions. I am afraid that if the community doesn't find an option like this, within a generation many of the best physicists will instead be computer programmers or database administrators due solely to a lack of support from our own community.

91019819 APS NEWS needs to be revamped/updated... it feels quite dated.

91023137 As more and more foreign members (non-US) join the APS to attend the meetings, wouldn't be good to have resources dedicated to those members?

91024331 APS journal subscription at discount rate is the most important thing that I considered to be an APS member. As a student from under-development country, the special discount rate for members from those countrys would be an essential thing.

91024492 question (15): offer the answer "foreign citizenship" as not all members may be living in the US

91025935 I have nothing further at this time.

91027570 "somewhat aware" and "very aware" are ambiguous terms. survey should skip the open text question about how I would use those technogoligies (twitter, facebook, etcc.) if I leave the multi blank (which I did, since I'm not interested). Survey design could be improved with a staging survey that verifies records. When selecting the attendance of division meetings, the survey should trigger the appearance of a multiselect question with specifies for the divisions and when. This would significantly reduce your recoding time for analysis. I am not a US citizen, or on any visa. I live in Canada but am still a member because APS provides better services to students for a lower price than CAP, although I am also a member there. I also work at a market research firm, please consider visiting [insightrix.com](http://insightrix.com) for you survey needs.

91029075 You might want to add to (15) in this survey an option for foreign nationals not living in the U.S. at all.

91030713 APS should launch more programs for research collaboration with developing countries.

91032795 There are so many non-US people involved in APS. So, please extend your mind as a global.

91033062 include also non-us citizens in last question (what describes best your status?) i am a non-us citizen so i opted for temporary us visa.

91033755 Add a non-American category to question 15. I am a Canadian.

91034931 I am offended by not having the option of "not residing in US" in previous question. If you want to keep leadership as a world-class organization, you really need to start looking outwards and increase awareness of scientists residing all over the globe. It is only in the best interest of the US to be the preferred organization for every physicist worldwide. Otherwise, prepare to increasingly loose membership due to stronger European and Asian scientific communities. For the record, I am a South American residing in Europe.

91037226 update and track available jobs

91038066 previous question (15) lacks option of being a Canadian member of APS or having no visa for the US at all in general.

91046869 I'm a citizen of Germany and are graduating at a German university. I'm a member of APS because I was attending a special focus session in the New Orleans March meeting 2009. I continued my membership because of Physics Today, but I'm currently not using any other APS services.

91047733 I am Iranian graduate student studying in Canada. Getting US visa for us to attend conferences in the US is always a nightmare. To attend in a conference I got the visa after the conference, because of long security check. Why an innocent student who left his home because of oppression and discrimination, should pay the price of problems that policy makers generate?

91048164 The questionnaire pages could have loaded quicker.

91048366 I think the APS journals should be free or at least be at lower rates for students. In addition, the number of fellowships to assist to APS meetings should increase and be based on student merits and not only on the sex of people or citizenship.

91048631 eliminating passwords and usernames for physics today papers, the access time to the passwords is time consuming, and usually I don't have time to check the more interesting papers.

91051812 Again very little consideration has been put on acknowledging that there are international APS members who study outside the United States. Once recognized more should be done to accommodate them within the APS community.

91052644 I will become more interested in APS programs, meetings and publications as I progress through my degree. My advice, focus on core APS activities: connecting physicists. If you feel that managing multiple modes of communication helps, go ahead. Just don't overload yourselves.

91054866 It's a great service. Keep up the high standard of Physics Today.

91058559 i don't have any commenter, the work done by APS is good

91058714 Greater access to online journal publications. Plus, I am not in US, I am a student in Italy.

91059380 I'm satisfied with the service currently provided by APS.

91060505 Please see my comment a couple of questions ago.

91060758 Not at all, thanks for all

91061330 As a student, I would like to think that I have many opportunities after finishing my degree, especially work in the US. As it is not the case at the moment, I fear that APS focuses more on American citizenship holding students, allowing them to have a free one year trial for membership, or awards for students of an American institution. I would like to imply myself more in my career in physics especially by gathering more information and having more opportunities to travel and to understand how the American research system works. For that, I think that APS can better serve me by widening its scope for students.

91061849 I'm not a US citizen so that last question made no sense. The APS is open to Canadians too.

91062564 I am receiving way too many emails from the APS, I barely read them anymore. Something more centralized, like a rss feed would be much more suited to these thing than massive amounts of emails.

91062943 There should be a "not USA citizen and not in the USA" choice in the previous question... you know, there exist a "rest of the world".

91063090 I like receiving the Physics Today

91065816 I'm actually Canadian...but there wasn't an option

91065980 Postdoc offers should be organized, and mailing news about it should be available. Extensions on theory calculations or experimental methods should become available for both published works and just for helping others. Articles should include hyperlinks (wikipedia-like), with extended discussions or citations to others.

91066043 I do not have anything to suggest further. I satisfy with the service APS provides.

91067481 news bulletin about job openings through e-mails.

91067977 The APS is the organization of physicists in the US but also beyond. In fact, an increasing number of young colleagues in Europe are becoming members, partially as for many of them will perform research in the US at some point of their career. The APS journals are the standard in the community regardless of the specific field of research. However, the outreach of the APS within Europe could be substantially improved by making closer ties with European Physics associations such as the DPG. The community of physicists is interacting worldwide, and most of them share the same fundamental interests. I believe the APS could take the lead in a future federation of physics organizations to promote scientific knowledge worldwide.

91068158 It occurs to me that my responses may seem apathetic when reviewing the survey. The case is that I am a member studying outside the US and much does not apply to me. Perhaps there are benefits for US citizens studying abroad that I am not aware of. I am, however, a proud member of the APS and it has been quite beneficial when meeting other members of my field.

91071903 Have events etc outside USA

91073507 More outreach to Europe

**Question 16. Please let us know if you have any further suggestions on how APS can better serve you as you advance through your career in physics and if you have any comments about this survey.**

US recent degrees

90033870 Lower the cost for professional membership.

90043543 The preferred means of communication depends on the information. I would like to receive meeting announcements, election information, etc. by email. I want to get Physics Today and APS News by postal mail. So the current system is fine for me. I do not need paper meeting announcements tucked into APS News, though, as they're just annoying.

90056017 Postdoc pricing breaks are vital.

90060242 It is probably more up to me to investigate existing APS resources than to APS to provide further services. I did find my current job through a listing in Physics Today, so that proved very useful to me. If I return to the U.S. then I am likely to be as interested in APS' advocacy activities as career listings and advice.

90061384 Work with MentorNet.net It's a really great program that I used to be a mentee and now I work as a mentor. However, it could benefit from more mentors.

90063770 I didn't know there was so much on the website. Honestly, the resources described in this survey sound pretty great, so I'll go check them out! Tangentially, the Physics Today website also deserves compliments, having many great resources of its own.

91008562 No indication in advance of how many questions or how long it would take -- I thought that was standard practice. (Even the government does it.)

91009125 The APS Congressional Science Policy fellowship program and the fellows are terrific - please do all you can to support this program and others like it. Helping scientists to connect with people outside of the research community is vitally important.

91011834 more information about the job posting...

91012542 Thanks to APS for its service. I am satisfied.

91014232 I would like to be a reviewer of a aip or aps published journals. I would like to know the information how to be a journal or conference reviewer.

91015609 shorter surveys, all questions on one page

91015841 I think this survey will be very useful for future improvements in the services APS offers to students.

91016855 I wish aps could provide more information about the fellowship, scholarship, or grant information to young physicists.

91017953 The APS is doing a great job.



91018385 As stated previously, I will be best served if diversity mandates are lifted, because while I belong to a minority, it is not a "underprivileged minority", so rather than benefit from such mandates, I in fact will likely be passed over for jobs in order to fill quotas. The tricky business is that should the APS lobby to end such discriminatory practices, the APS can be labeled a "racist" or "sexist" organization, and risk losing funds from a variety of sources. Perhaps the APS has already realized that the best path is to accept a little bit of discrimination as the lesser evil, but I still disagree with this stance.

91021653 I was a graduate student in Canada, and now became a postdoc in the US. It was very useful to have the first year free. Even if there are not many "tangible" benefits, the fact that APS provides a venue where members can obtain information about the status of the physics community (and important issues such as funding trends, emerging areas, grant opportunities, etc) is very valuable in itself.

91021654 - More information on non-academic careers (what's available, what are the career paths, are there APS members in those careers I can contact) - More opportunities to network with other APS members, especially outside of my area of study and geographic region (without having to attend APS meetings) - More visibility of physics career statistics (ie. AIP stats on graduation rates, percentage of PhDs that actually get tenure-track jobs ~10%). Students need to know that the stats are against them actually becoming a tenured professor, so that they can give serious thought about what else they're interested in doing and start planning early!

91026232 Raise awareness of the services.

91028735 I would appreciate so much if APS can help me get scholarship to pursue PhD in Physics. Now, almost two years with MS. Efforts to get enrolled in PhD program have been futile.

91029076 Thanks, nice survey, a pleasure to take, very quick and clear.

91029145 Most physicists make it abundantly clear to me that because I do not have a physics degree, I am not a peer of theirs. Physicists are the snobbiest group of scientists I have encountered, even more so than the mathematicians. This is why I am unlikely to participate in APS or renew my membership. Chemists and computer scientists are far more interested in interdisciplinary collaboration and are generally kinder people.

91029180 open more and fair opportunities to all the members.

91029500 I am generally happy with the APS. Although... you need to have more child care at meetings. This is important for dual career couples and I've seen this impede people's attendance at meetings. Also, I'd like the APS advocate functional child care alternatives at institutes with physics department, try to get comparable associations abroad to advocate equitable treatment of women, and train faculty in appropriate treatment of students and post docs. The majority of the sexism I've experienced has come from other students and post docs and from foreign collaborators - American faculty generally know at least the legal limits on their behavior and stay within those bounds. Foreign collaborators, however, do not always behave appropriately and my experience has been that American faculty easily disregard sexism as a "cultural difference." It may well be a cultural

difference, but one which significantly hinders the progress of physics and is inappropriate in a professional setting. Appropriate, useful supervision of post docs (and to some degree students) is a continuing problem and I think a major reason people (especially women) leave the field. I'm a month and a half into my first post doc and in a bad supervisor situation - this has made me much more likely to leave the field. The pipeline is very leaky for the post doc to faculty transition. The APS has an interest making sure that the most qualified people don't get forced out of the field - and that means addressing issues of poor (and inappropriate) treatment of students and post docs head on. It's ugly and it's tough to deal with, but a nice start might be open discussions of effective ways to mentor young scientists - and a discussion of behaviors which are inappropriate and counterproductive.

91029916 Please send members emails regarding upcoming conferences. I never feel like I know when an APS conference will happen until it is too late to participate (i.e., give a talk or poster).

91030525 The APS is perhaps the last bastion of serious science as a society. We must protect its uniqueness and power at all costs. We have to stop all of this dumbing-down, in hopes of increasing 'participation,' since people signing up for a few things is not the same as making more physicists. Social networking is a fad, and some people may say that it is necessary to 'stay relevant,' but they are mistaken. What the APS needs to do in its outreach is to make clear that physics is different, and is better. Humbling ourselves by minimizing the contributions to society by focusing on mundane applications is only a ticket to obsolescence. We are not engineers (with no disrespect to them). Physics is awesome because it is fundamental, and it is beautiful. It's one of the most satisfying things to its practitioners, but only because it requires a lot of hard work. This is the antithesis of the buffet of all-you-can consume information, literally oozing out of every electronic device in our lives. What the hell is Twitter going to contribute to all of this? How in the world is 140 characters supposed to communicate anything serious or non-trivial (maybe they could get twitter to support \LaTeX notation, and then we'd be getting somewhere, though not very far...) It's seriously time to step back, and really figure out who the core constituency is. Forget about these stupid affirmative action programs. Just show the physics for what it is: gorgeous, powerful, and the most fundamental way to understand the universe. Making it more "approachable," or "practical," sells its merits short, and ensures that people who join via that path are in for a rude awakening when they encounter the first difficulty. No one should be affirmed that they are good enough, or smart enough, to do physics one must do it, and then realize a posteriori that one is capable---by having demonstrated this capability. It sounds harsh, but confirmation by actual results is the only real way to know for sure. The rest is just emotional affirmation, and inevitably leads to people getting highly discouraged and, in many cases, dropping out, "blaming the system." This is, of course, a bunch of garbage, and a waste of a lot of effort. We need to sell the inherent beauty and power of the discipline, and to forget the rest of the dumbing-down effect that is only hastening our demise. (And although I sound like I was born in the Jurassic, in fact I got my physics degree a year ago it's not just old people that feel this way). Making physics seem easier, and that it can be learned without a lot of hard work, is not only misleading, but leads to a lot of people having false expectations when the going gets rough. Physics is difficult, but what we should be selling is how incredible it can be when things work. I decided to study physics because I saw how Coulomb's Law and Special Relativity were combined to give magnetism---and it was the single

most beautiful thing I had ever seen to that point in my entire life. There are few things in this world that stress the beauty and power that comes with the accomplishment of mastery, which follows a lot of hard work. In short: stop emphasizing the "ease" of physics, creating a false impression. Be upfront that it's hard, but emphasize that, unlike most things in life, that it's worth the trip. Then our numbers may sustainably grow.

91031960 Overall, I'd say that the APS needs to advertise the current services available better. Just putting up a web address on posters doesn't go far enough. I did not realize before this survey all of the services available, and now that I do I'll be sure to use them.

91032361 I am a member of the fluid dynamics division and I would prefer more specific division support rather than overall APS (physics). The material and webpage are too general for all physics people and not necessarily APS.

91032447 Redirect Physics research towards the room temperature energy range. Most of the physics research is frivolous because they do not belong to this world (energy range).

91032615 Organize "Advice for Postdocs" panel/discussion during March/April Meetings

91032887 broaden the meeting topics. there were much too many graphene sections

91033741 I am now a postdoc in the Biochemistry department at UT and I would like to do Biophysics. I was in the physics department doing AMO physics. I wish APS would help with information about to make this transition.

91034390 assist with international conference/travel of physicist/student from US

91051985 Transparent while publishing papers...Not with the name of the authors.

91054141 I am happy with APS. Survey is good.

91055013 I did not renew my membership due to financial considerations. Although, I might join APS sometime in future when my financial situation gets better. It is a very nice organization.

91056713 help more with job searches

91062299 more meetings

91070340 I'm ok with current ones.

91071688 Offering Competitive Health insurance for postdocs and their families

91071689 assistance in getting US visa would be really useful

**Question 16. Please let us know if you have any further suggestions on how APS can better serve you as you advance through your career in physics and if you have any comments about this survey.**

Recent degrees abroad

90025126 some type of mentoring or advice program for early career researchers on professional and ethical aspects

90064477 Regarding question 15: How to choose neither US Citizen nor having a US Visa (because of not staying in the US)?

91005674 Question 15 needs an option for non-residents and non-citizens of the APS!

91009585 I have recently emigrated to Europe. APS is too america-centered, which is ok because it is the AMERICAN physical society, but it would be nice to have more cooperation with European associations. Specially since a big chunk of APS members do not work/live in US.

91013061 I would want to learn more about the current topics in physics, more than the introductory exposition. I would like if the APS starts providing some sort of tutorials which can help people to understand things better and could start doing something on their own. Maybe collecting review papers on different topics and putting them at one place is a nice idea. It would also be helpful to provide some insight from time to time into the advanced methods of research, e.g. numerical computations, theoretical methods etc.

91014971 This survey is good.

91015731 More feature articles in Physics Today! -)

91016248 Provide avenues for medical doctors and physicists to work together.

91020793 support the students fully to attend meetings,

91020978 Would like to see more options for physicists outside academia.

91025233 there are no specific membership for young scientist working on industry. I mean, a different class than "postdoc"

91028955 Searching job currently.

91044720 Maybe, mny suggestion present a sorry image as Japanese students are brack-brained. But if APS open the site by Japanese language, many students sign up for APS undoubtedly.

91046309 tutorials on latest advancement in physics

91046888 To try to help international students to obtain US visas to attend APS meetings.

91047663 I will let you know if I think of something.

91055592 no further suggestion

91056265 For me the organization is perfect. The suggestion would be for me to encourage me to publish articles as much as I can

91064432 APS should give information about Post-doctoral situations and fellowships.

91065068 Reduce the registration fee of the APS marching meeting for students.