

**TO: Members of the Division of Nuclear Physics, APS**  
**FROM: Benjamin F. Gibson, LANL – Secretary-Treasurer, DNP**

**ACCOMPANYING THIS NEWSLETTER:**

- Structured Abstracts Editorial



**Future Deadlines**

- **13 January 2012** — APR11 Abstract Submission
- **23 January 2012** — Voting in DNP Election
- **16 February 2012** — APR11 Early Registration
- **1 March 2012** — Mentor & Service Award Nominations
- **2 March 2012** — APR11 Housing Reservation
- **1 April 2012** — DNP Nominations for APS Fellowship

The home page for the Division of Nuclear Physics is now available at "<http://dnp.aps.org>." Information of interest to DNP members -- current research topics, deadlines for meetings, prize nominations, forms, and useful links are provided. Comments and suggestions are solicited. Please send them to Michael Thoennessen at [<dnpweb@nscl.msu.edu>](mailto:<dnpweb@nscl.msu.edu>)

Richard Seto (UC-Riverside)  
Mikhail Stephanov (UIC)  
Scott Wissink (Indiana)  
Sherry Yennello (Texas A&M)

Candidate biographies are included in this newsletter (item #21).

Web balloting has been approved by the Division's membership. Those with email addresses registered with the APS will receive an election email containing instructions plus a PIN number. Those for whom no email address is available or whose email bounces will be sent a paper ballot. The deadline for voting is 23 January 2012.

As a DNP member, please exercise your right to vote in the DNP election. Typically only some 700+ election ballots have been cast by members. Your vote does count. It is important. DNP elections have been decided by fewer than 5 votes.

## 1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE

The terms of the officers and three members of the current Executive Committee will expire at the close of the Business meeting of the Division to be held in conjunction with the APS general meeting in Atlanta, GA, April 2012. Robert D. McKeown will become Chair, Brendt Mueller will become Chair-Elect, and Robert E. Tribble will become Past-Chair. Wick C. Haxton is the Divisional Councilor, serving through 2013. Douglas H. Beck, Richard J. Furnstahl, and Susan V. Gardner will remain members of the Executive Committee. A Vice Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected by April 2012. Executive Committee member terms are two years.

This year's Nominating Committee consists of R. Alarcon (Chair), M. Riley, G. Dodge, D. Kharzeev, and J. Nagle. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

**Vice-Chair** (one position):

Ani Aprhhamian (Notre Dame)  
Allena Opper (George Washington Univ.)

**Secretary-Treasurer:**

Benjamin F. Gibson

**Executive Committee** (three positions):

I-Yang Lee (LBNL)  
Sanjay Reddy (Univ. of Washington)  
Reinhard Schumacher, (CMU)

## 2. ACKNOWLEDGE YOUR SPONSORING AGENCY

Given the importance of agency sponsorship in making nuclear physics research possible, it is urged that DNP members acknowledge their agency sponsors in any talk or publication which they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

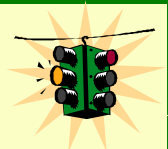
## 3. 2011 DNP DISTINGUISHED SERVICE AWARD

The 2011 recipient of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award is John P. Schiffer of the Argonne National Lab. Schiffer received the award at the Business Meeting held during DNP 2011 in East Lansing. The citation reads:

*For his decades of exemplary service to the Division of Nuclear Physics, which have enhanced the vibrancy and vitality of the Division as a unit of the American Physical Society, for his efforts on behalf of younger colleagues, for his contributions that have strengthened the Bonner and Be the prizes, and for his sage advice in faithful service on countless advisory committees and review panels.*

### INSIDE . . .

- **DNP12 in Newport Beach, CA**
- **Volunteer to Chair a Session in Atlanta**
- **DNP history coming to the Home Page**
- **Jack Harvey, Secretary-Treasurer 1966 - 86**



#### 4. 2011 DNP MENTORING AWARD

The 2011 recipient of the American Physical Society's Division of Nuclear Physics' Mentoring Award is Gerald T. Garvey of the Los Alamos National Lab. Garvey will receive the award during April 2012 and will give a talk on his mentoring experience and philosophy at the meeting. The citation reads:

*For his remarkable record of mentorship of students and young scientists in nuclear physics. His high intellectual standards and enthusiasm for physics have inspired several generations of nuclear scientists, many of whom went on to provide leadership in expanding the frontiers of the field.*

#### 5. 2011 BONNER PRIZE WINNER

Witold Nazarewicz of the University of Tennessee was named the recipient of the 2011 APS Tom W. Bonner Prize in Nuclear Physics. The citation reads:

*For his foundational work in developing and applying nuclear Density Functional Theory, motivating experiments and interpreting their results, and implementing a comprehensive theoretical framework for the physics of exotic nuclei.*

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information. The prize will be awarded at the APS April 2012 meeting in Atlanta.

#### 6. 2011 BETHE PRIZE WINNER

Manuel Peimbert and Sylvia Torres-Peimbert of the UNAM were named the recipients of the 2011 APS Hans A. Bethe Prize. The citation reads:

*For outstanding work on the primordial helium abundance as well as abundances of other elements and their implications for cosmology and for the chemical evolution of galaxies and stars. This work is fundamental as a critical test for cosmological theories and the baryonic content of the Universe.*

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information. The prize will be awarded at the APS April 2012 meeting in Atlanta.

#### 7. 2011 DISSERTATION AWARD WINNERS

Emanuele Mereghetti of the University of Arizona and Phil Barbeau of the University of Chicago were named winners of the 2011 Dissertation Award in Nuclear Physics. Mereghetti's dissertation was written under the direction of Sean Felming and Bria van Kolck. Barbeau's dissertation was written under the direction of Juan I. Collar.

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information, including the citations.

#### 8. NOMINATIONS FOR THE DNP MENTORING AWARD

Nominations are sought for the Division of Nuclear Physics Mentoring Award. This APS Unit Award is intended to recognize Division of Nuclear Physics members who have had an exceptional impact as mentors of nuclear scientists and students. This mentoring could be through teaching or research or science-related activities.

Examples of contributions of individuals who could be candidates for this award:

- Exceptional mentoring of early career nuclear scientists;
- Sustained commitment to mentoring early career nuclear scientists from traditionally under-represented backgrounds;
- Leadership role in developing nuclear science research and career development activities, such as centers for nuclear science research for undergraduates, or conference experiences for students, or summer schools for nuclear science students.

Early career nuclear scientists include undergraduate and graduate students, postdoctoral scholars, and nuclear science professionals early in their careers, such as assistant professors or assistant scientists.

Nominations for the 2012 award are due 1 March 2012 and should be sent to:

William A. Zajc  
Dept. of Physics, Columbia University  
538 West 120th St., Pupin Hall, MC 5255  
New York, NY 10027  
Phone: (212) 854-8175, Fax: (212) 854-3379  
E-mail: "zajc@nevis.columbia.edu"

Nomination packets should consist of at least 3 but not more than 4 letters supporting the nomination and a brief biosketch of the candidate. At least two of the letters should be submitted by individuals who have benefited from the mentoring experience. Nominees shall be members of the DNP. There are no time limitations on contributions that can be recognized by this award. Nominations will be active for three years.

The members of the 2012 DNP Mentoring Award selection committee are: William A. Zajc (Chair), Sherry J. Yennello, Thomas D. Cohen, George Pickarewicz, and Gerald T. Garvey.

#### 9. NOMNATIONS FOR THE DNP DISTINGUISHED SERVICE AWARD

Nominations are sought for the Division of Nuclear Physics' Distinguished Service Award. This APS Unit Award is intended to recognize those who have made substantial and extensive contributions to the nuclear physics community through the activities of the DNP. The award will consist of a certificate with the citation specified by the selection committee and approved by the DNP Executive Committee. Nominees should be active or emeritus members of the DNP. There are no time limitations on contributions that can be recognized by this award. Nominations will remain active for three years. The award need not be given each year. No more than two recipients will be selected in a given year. The selection committee will consist of the DNP Chair, Chair-Elect, Vice-Chair, Past-Chair, and Secretary-Treasurer. The DNP Chair will serve as the chair of the selection committee.

Nominations for the 2012 award are due 1 March 2012. Nominations should be limited to a one page description of the candidate's contributions to nuclear physics through the DNP, plus an optional listing of positions held, major committee memberships, and the like.

Duplicate nominations are not helpful. Nominations, preferably in pdf format, should be sent to:

Robert E. Tribble  
Cyclotron Institute/Physics Dept  
Texas A&M University  
College Station, TX 77843  
Phone: (979) 845-1411/ Fax: (979) 845-1899  
Email: "r-tribble@tamu.edu"

## 10. FUTURE DNP FALL MEETINGS

2012	October 24-27	Newport Beach, CA
2013	October 23-26	Newport News, VA
2014	October 14-18	Waikaloa, HI

The dates include the premeeting workshops, which are normally held in conjunction with the DNP Fall Meetings. Holding workshops at the DNP Fall Meetings is a tradition that began with the 1986 Vancouver meeting. All meeting attendees are welcome and encouraged to come. It has been the intention of the DNP Executive Committees that these "workshops" should have broad appeal, with introductory pedagogical talks for the benefit of those who have come primarily for the DNP meeting but want to take the opportunity to learn about a field of specialty of the local community.

## 11. FUTURE APS SPRING MEETING INFORMATION

2013	Apr 13-16	Denver, CO
2014	Apr 5-8	Savannah, GA
2015	May 2-5	Baltimore, MD

Any comments/suggestions should be sent to APS Director of Meetings, Terri Gaier (gaier@aps.org).

## 12. APS MEETING IN ATLANTA, GA, 31 MARCH – 3 APRIL

The APS April Meeting gathers particle physicists, nuclear physicists, astrophysicists and other related units to share new results and insights. The 2012 April Meeting scientific sessions and ancillary activities will take place at the Hyatt Regency in Atlanta, Georgia. NOTE: April 2012 will be held jointly with the Sherwood Fusion Theory Conference.

The April Meeting will offer its usual outstanding scientific program consisting of three plenary sessions (nine plenary talks), approximately 75 invited sessions, more than 100 contributed sessions, plus poster sessions. There will also be a public lecture on one of the evenings during the meeting.

Seventeen units (six divisions, five forums, and six topical groups) will participate:

### Divisions

- \* Astrophysics (DAP)
- \* Computational Physics (DCOMP)
- \* Nuclear Physics (DNP)
- \* Particles and Fields (DPF)
- \* Physics of Beams (DPB)
- \* Plasma Physics (DPP)

### Forums

- \* Education (FEEd)
- \* Graduate Student Affairs (FGSA)

- \* History of Physics (FHP)
- \* International Physics (FIP)
- \* Physics and Society (FPS)

### Topical Groups

- \* Energy Research and Applications (GERA)
- \* Few-Body Systems (GFB)
- \* Gravitation (GGR)
- \* Hadronic Physics (GHP)
- \* Plasma Astrophysics (GPAP)
- \* Precision Measurement & Fundamental Constants (GPMFC)

The deadline for submitting contributed abstracts is Friday, 6 January 2012 at 5:00 p.m. EST (2:00 p.m. PST). Only APS members, or members of physical societies having reciprocal agreements with the APS, may submit abstracts. Abstracts must be submitted online. You may submit only one contributed abstract for presentation. The lead author on a contributed abstract is considered to be the presenter. See the APS web site <http://www.aps.org/meetings/april/scientific/index.cfm> for detailed instructions.

The deadline for discounted hotel reservations is 2 March 2012. The American Physical Society has contracted with the Atlanta Hyatt Hotel (Meeting Headquarters) for discounted room blocks for APS April Meeting attendees. To receive the April Meeting room rate you must use the APS Online Reservation Link on the April Meeting APS housing web page. Do not contact the Hyatt directly!

The deadline for early bird discounted registration rates is 16 February 2012. Late registration closes on 9 March. On-site registration opens 30 March.

## 13. DNP APRIL 2012 MEETING PROGRAM

The DNP Program Committee, under the leadership of Program Committee Chair Robert D. McKeown, has planned a full nuclear physics program for the Spring Meeting. In addition, there will be general plenary sessions on three of the four days during the meeting, 31 March - 3 April. The on-line BAPS program will be available for viewing in February.

Joint sessions have been arranged with the Division of Particles & Fields (2), the Division of Computational Physics (2), the Division of the Physics of Beams, the Topical Group on Hadron Physics, the Topical Group on Few-Body Physics, and the Topical Group on Precision Measurements and Fundamental Constants.

DNP stand-alone sessions will include the Bonner Prize Session (Towards an Ab Initio Understanding of Nuclear Structure) and a Dissertation Award / Mentoring Award Session. Instead of a voted session based upon speaker nominations from the DNP membership, those speaker suggestions were absorbed into the remaining topic sessions. Five topic sessions include: New Physics and Fundamental Symmetries, Longitudinal and Transverse Structure of the Nucleon, The Nucleon Resonance Spectrum, Flow Signatures and their Implications for the Strongly Interacting Quark Gluon Plasma, and Testing of 3-Body Forces in Light Neutron-Rich Nuclei.

A single DNP mini-symposium will be organized for APR12:

- E14a. Mini-symposium on Dark Forces below the Proton Mass Scale (organized by S. Gardner)

#### **14. VOLUNTEER TO CHAIR A SESSION IN ATLANTA AT APR12**

The APS/DNP Spring Meeting will be in ATLANTA, GA. Those who are willing to chair a session should please send an email message to Program Committee Chair Bob McKeown "bmck@jlab.org" indicating: 1) willingness to serve and 2) areas of expertise which might be of interest. The information is needed by 10 January. Nominations of younger colleagues who will attend the meeting are welcome.

#### **15. DNP HISTORY TO APPEAR ON THE DNP WEBSITE**

An incomplete history of the Division of Nuclear Physics is being compiled by Virginia Brown and Ben Gibson, based upon the talk that Virginia gave at the 2006 meeting in Nashville. The file will be updated and possibly expanded on an irregular basis, as time permits. Suggestions are welcome, but actual contributions are more helpful and more likely to make it into the document in a timely manner.

#### **16. PHYSICAL REVIEW C INTRODUCES "STRUCTURED ABSTRACTS"**

The *Physical Review* journals have long encouraged authors to provide a thoughtful, well organized abstract that conveys the main elements of their paper including the primary results. To facilitate the task for authors, *Physical Review C* is implementing "structured abstracts". For details please see the *Physical Review C* September editorial that is included with this newsletter. Anecdotal studies have shown that physicists are much more likely to read a paper after reading a structured abstract than after reading a standard abstract. Authors are encouraged to take advantage of this reader behavior.

#### **17. 2011 PHYSICAL REVIEW OUTSTANDING REFEREES**

The APS instituted in 2008 the Outstanding Referee Program to recognize scientists who have been exceptionally helpful in assessing manuscripts for publication in the APS journals. It is by means of the program that the APS expresses its appreciation to all referees, whose efforts in peer review not only keep the standards of the journals at a high level, but also help authors to improve the quality and readability of their published papers.

The highly selective Outstanding Referee program annually recognizes about 150 of the roughly 45,000 currently active referees. Like being named a Fellow of the APS, this is a lifetime award. We list here the members of the DNP as well as others who have served nuclear physics and been honored by the APS for their outstanding service.

2011

Jens Ulrik Andersen, University of Aarhus  
Peter Braun-Munzinger, Extreme Matter Institute, GSI  
Siu A. Chin, Texas A&M University  
S. Das Gupta, McGill University  
Pierre Descouvemont, Université Libre de Bruxelles Francois Gelis,  
Centre d'Etudes Nucl. de Saclay  
Charles Glashausser, Rutgers University, New Brunswick  
Charles J. Horowitz, Indiana University  
William G. Lynch, Michigan State University  
Peter D. Parker, Yale University  
Christopher Pethick, Nordita  
M. G. Ryskin, Russian Academy of Science  
Anthony W. Thomas, University of Adelaide

V. E. Viola, Indiana University  
H. V. von Geramb, Universitaet  
Hamburg Igor A. Shovkovy, Arizona State University  
Robert B. Wiringa, Argonne National Laboratory

#### **18. JOHN ARTHUR HARVEY, 14 DECEMBER 1921 - 9 MARCH 2011**

John Arthur Harvey, (Jack), died 9 March 2011, at Methodist Medical Center. John, the son of the late Elizabeth Hummerstone and Albert F. J. Harvey, was born in Saskatoon, Saskatchewan, Canada. He attended Saskatoon Public Schools, where he obtained the highest grades of all high school students on Grade 12 exams. As a college student at Queen's University, Kingston, Ontario, Canada, John was the recipient of the Engineering Institute of Canada prize in 1944. In 1945, he graduated from Queen's with a Bachelor of Applied Science degree with honors in Physics, receiving the Governor General's Medal of Canada for the highest standing in his four years of physics and the Jenkins Trophy, honoring the student bringing the most honor to the school by his athletic and scholastic ability.

Jack attended Massachusetts Institute of Technology and was awarded his Ph.D. in Nuclear Physics in 1950. He continued post-doctoral work at MIT on the Cyclotron before moving to Brookhaven National Laboratory in 1952 as a member of the Original Data Compilation Group. He attended the first Geneva Conference as a representative of the United States, presenting the book Neutron Cross Sections, which he co-authored.

Moving to Oak Ridge in 1956 where he resided until his death, Jack began his employment at Oak Ridge National Laboratory at the request of Alvin Weinberg on the fast chopper project. He became co-director of the Oak Ridge Electron Linear Accelerator in 1965, continuing his research, publications, and world-wide presentations on nuclear physics. Jack received multiple awards and honors for his research contributions over the years that continue to lead to advancements in physics and other applied sciences. Jack officially retired from ORNL in 1993, but he continued offering his expertise as a consultant. He joined the faculty of the University of Tennessee in 1995 as a research professor contributing to ORNL research. Jack was a highly recognized international nuclear physicist with hundreds of publications.

Jack Harvey was a Fellow of the American Physical Society. He was the initial Secretary-Treasurer of the Division of Nuclear Physics. He served in that position for twenty years, from the founding of the DNP in 1966 until 1986. He will be missed by many.

#### **19. 2012 NATIONAL NUCLEAR PHYSICS SUMMER SCHOOL, I. Vitev**

Since 1988 the National Nuclear Physics Summer School (NNPSS) has brought together talented graduate students, postdoctoral researchers, and prominent lecturers to discuss the exciting recent developments and future directions in nuclear science. The 2012 NNPSS is being organized by the Los Alamos National Laboratory and will be held at St. John's College in Santa Fe, New Mexico, July 9 - 20, 2012. Students and postdocs within a few years of their PhD are invited to take advantage of this opportunity to network and learn about the future directions of nuclear physics.

Inquiries and applications should be sent to [nnpss2012@lanl.gov](mailto:nnpss2012@lanl.gov). Applications will be accepted until March 30, 2012.

The 2012 NNPSS will cover a broad range of topics, including QCD and heavy ion physics, hadron structure and spin physics, nuclear structure and reactions, nuclear astrophysics, fundamental symmetries and neutrinos, lattice QCD, cold atoms, NIF physics, and medical applications of nuclear science. Confirmed lecturers include Silas Beane, George Fuller, Dick Furnstahl, Anna Hayes, Tom Hemmick, Barry Holstein, Chuck Horowitz, Suzanne Lapi, Zeine-Eddine Meziani, Berndt Mueller, Peter Petreczky, Sanjay Reddy, Hendrik Schatz, Anna Stasto, and Martin Zwiernik.

Organizing Committee: Joe Carlson, Vincenzo Cirigliano, Ivan Vitev

The 2012 NNPSS is sponsored by the National Science Foundation, the US Department of Energy's Institute for Nuclear Theory, and the Los Alamos National Laboratory.

## 20. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

**Ordering Procedure:** Orders should be sent directly to: Annual Reviews, Attn: Clarette Tupper, Customer Service, 4139 El Camino Way, P. O. Box 10139, Palo Alto, CA 94303-0139 (e-mail: ctupper@annualreviews.org). DNP membership that entitles one to the DNP discount will be verified through the DNP prior to shipment of orders.

Other Annual Reviews series publications are also available. A complete listing of topics and authors for the current volumes and back volumes of Annual Reviews publications may be viewed on the Annual Reviews Web Site at <http://www.AnnualReviews.org>. The Web Site also features a fully searchable abstracts data base for all Annual Reviews publications, which allows visitors to search by author name or key words.

## 21. CANDIDATE BIOGRAPHIES

### *NOMINATIONS FOR VICE-CHAIR*

**Ani Aprahamian** — Frank M. Freimann Professor of Physics, University of Notre Dame. Ph.D. Clark University 1986 and visiting scientist in the UK (U- Surrey), Germany (GSI), France (GANIL, ILL Grenoble), Italy (Legnaro), and Russia (Dubna). Current vice-chair of the National Science Academies decadal review of Nuclear Physics, co-chair of the NSAC subcommittee on Isotopes, and member of the FRIB Science Advisory Comm.; member of the JINA (Joint Institute for Nuclear Astrophysics) executive committee and of the scientific council of EMMI (ExtreMe Matter Institute) Helmholtz alliance at GSI. Chaired various APS and DNP committees including the Bonner Prize, Mentoring, Fellowship, Program, and Public Information; Physics Today Advisory board. Chair of the Physics Department at the University of Notre Dame and Director of ISNAP (Inst. for Structure and Nuclear Astrophysics). An IPA at NSF serving as program director in Nuclear Physics and in Particle and Nuclear Astrophysics; past member of NSAC, and the DNP executive committee; an APS and a AAAS fellow and a foreign member of the science academy in the Republic of Armenia. Research interest: the interface of nuclear structure and nuclear astrophysics, recently neutron rich nuclei far from stability involved in the synthesis of the heavy elements via the r-process.

**Allena K. Opper** — Professor (2009 – present) and Chair (2010 – present), Physics Department, The George Washington University. B.S. Colorado School of Mines 1983; Ph.D. Indiana University 1991;

Postdoctoral Research Associate, University of Alberta 1991 – 95; Assistant Professor, Ohio University 1995 – 2001; Associate Professor, Ohio University 2001 – 05; Jefferson Lab Sabbatical Fellowship, 2003 – 04; Associate Professor, The George Washington University 2005 – 2009; Nuclear Physics Program Director, National Science Foundation 2008 – 2010; Member of the APS Division of Nuclear Physics Program Committee 2010 – present; Member of the COSY PAC 2008 – present; Member of the National Advisory Committee of the INT 2011 – present, 2008; Member of APS Division of Nuclear Physics Executive Committee, 2008 -10; Co-organizer of the National Nuclear Physics Summer School 2008; Member of the Organizing Committee on Fundamental Symmetries for the Nuclear Science Advisory Committee Long Range Plan 2006 – 07; Member of the Jefferson Lab Hall C Steering Committee 2005 – 07 (Chair 2006); Member of the Subatomic Grant Selection Committee of the Natural Sciences and Engineering Research Council of Canada 2004 – 07; Research interests: experimental studies of subatomic and few body physics exploiting polarization phenomena and fundamental symmetries to investigate manifestations of quark effects, the substructure of the nucleon, and tests of the Standard Model.

### *NOMINATION FOR SECRETARY-TREASURER*

**Benjamin F. Gibson** — Staff Member, Los Alamos National Laboratory, 1972–; Group Leader, 1982–86; B. A. Rice University, 1961; Ph.D. Stanford University, 1966; Post Doctoral Fellow, LLNL, 1966–68; NRC Post Doctoral Research Associate, NBS Gaithersburg (now NIST), 1968–70; Research Associate, Brooklyn College of the CUNY, 1970–72. APS Fellow, 1983; JSPS Research Fellow, Sendai, 1984; Murdoch Fellow, INT Seattle, 1992; Humboldt Research Award for Senior U.S. Scientists, Juelich, 1992–. DOE Users Review Panel, 1983; NSAC Subcommittee on Computers and Computing, 1984–85; Bates Program Advisory Committee, 1985–89, 1998–2001, 2002–2003; LAMPF Program Advisory Committee, 1993; NSF Review Panel for IUCF, 1993; Few-Body Systems Topical Group Vice-Chair, Chair-Elect, and Chair, 1990–93; DNP Program Committee, 1990–92; Natural Sciences and Engineering Research Council of Canada, Subatomic Physics Grant Selection Committee, 1994–96; NSF Nuclear Theory Panel, 1997–98, 2006; KEK External Review Committee, 2004. Editorial Board of Physical Review C, 1978–79, 1987–88; Editorial Board of Few Body Systems, 1986–91, 1992–97, 1998–2003, 2004–; Associate Editor of Physical Review C, 1988–92, 1993–97, 1998–2002; Editor of Physical Review C, 2002–2007, 2007–. Organizing Committee for the DNP Fall Meeting, 1989; local organizer for the DNP Light Hadronic Probes Town Meeting, 1989; Co-Organizer of New Vistas in Physics with High Energy Pion Beams, 1992; Program Chair for the APS April Meeting, 1993; Co-Organizer of Properties and Interactions of Hyperons, 1993; Organizing Committee for Baryons'95, 1995; Organizing Committee for LUGI Symposium: 20 Years of Meson Factory Physics, 1996; Co-Organizer, ECT\* Workshop, 1999; Co-Organizer, INT Workshop, 2001; Co-Organizer, INT Fall Program, 2003; Co-Organizer, ECT\* Program, 2005; Co-Organizer of the DNP/JPS Hawaii meetings, 2001, 2005, 2009. DNP Secretary-Treasurer, 1995–. Research interests: few-body systems, hypernuclei, electromagnetic interactions in nuclei, meson interactions with nuclei, parity nonconservation in nuclear systems, electric dipole moments of few-nucleon systems.

### *NOMINATIONS FOR EXECUTIVE COMMITTEE*

**I-Yang Lee** — Senior Physicist, Lawrence Berkeley National Laboratory 1997 - present; GRETINA Project Manager 2003-11; 88-Inch Cyclotron Scientific Head, 1997-03; Gammaphysics Director, 1995-97; Staff Scientist, 1992-97; Oak Ridge National Laboratory Senior Research Staff, 1991-92; Research Staff, 1978-90; B.S., Physics,

National Taiwan University, 1968; Ph.D., Physics, University of Pittsburgh, 1974; A. W. Mellon Fellow (1969 – 71); Fellow, American Physical Society 1997; Member, ORNL HHRF Users Executive Committee, 1988-89; Member, Gammasphere Steering Committee, 1989-91; Member, Gammasphere Scientific Advisory Committee, 1992-94; Member, ANL ATLAS Program Advisory Committee, 1996-99 (Chair, 1999); Member, Gammasphere Users Executive Committee, 1998-99 (Chair, 1999); Member, ORNL, HRIBF Program Advisory committee, 1999- 02; Member, ORNL, HRIBF Users Executive Committee, 1999-01 (Chair, 2000); Chair, Gordon Research Conference on Nuclear Chemistry, 1999; Divisional Associate Editor, Physical Review Letters, 2000-02; Member, RIA2000 Workshop Steering Group, 2000; Member, Organizing Committee, Town Meeting on Nuclear Structure and Astrophysics, 2000; Chair, GRETA Steering Committee, 2001-03; Member, Director, RIA Summer School, 2002-06; Member, RIA Users Executive Committee, 2004-07; Member, NSCL MSU Users Executive Committee, 2006- 09 (chair 2009); Member, DOE/NSF Nuclear Science Advisory Committee, 2007- 09; Member, FRIB Experimental Systems Advisory Committee, 2009-present. Research Interests: nuclei far from stability, gamma-ray detector development

**Sanjay Reddy** — Professor and senior fellow, Institute for nuclear theory at the University of Washington, July, 2011-present; Staff scientist, Los Alamos National Laboratory, 2002-10; Postdoctoral fellow, Center for Theoretical Physics, Massachusetts Institute of Technology, Cambridge 2001-02; Postdoctoral fellow, Institute for nuclear theory at the University of Washington, 1998-2001. Organizer: INT program on “Astrophysical transients: Multi-messenger probes of nuclear physics”, 2011; workshop on “Physics and astrophysics of neutron stars”, Santa Fe, 2006; workshop on “Defining the neutron star crust”, Santa Fe, 2009; workshop on “Matter at extreme densities and gravitational waves from compact objects”, ECT, Trento, Italy, 2007. Service: Member National Advisory Committee, Institute for Nuclear Theory, Seattle 2010-11; Member Advisory Review Panel Saha Institute for Nuclear Physics, Kolkatta, India 2010; Nuclear physics Long-range plan working group 2007. Honors: Fellow of the American Physical Society 2009.

**Reinhard A. Schumacher** — Professor of Physics, Carnegie Mellon University (CMU), 1999-present; Ph.D. Nuclear Physics, Massachusetts Institute of Technology (MIT), 1983; Assist. & Associate Professor of Physics, CMU, 1987-99; Post-doctoral research staff, Swiss Institute for Nuclear Research (now PSI), 1983-87; Research Associate, MIT/Bates Linear Accelerator, 1978-83; B. S. Physics, Case Western Reserve University, 1978; Mainz/Bonn Program Advisory Committees since 2002; Member of the JLab CLAS Collaboration 1989-present; Chair, JLab CLAS Collaboration, 1999-01; User at Brookhaven AGS, 1987-1995; User at CERN SPS & LEAR, 1984-88; Physical Review Letters Divisional Associate Editor, 1998-01; Organizing committee for Hypernuclear and Strange Particle Physics (HYP) conferences 2003, 2006, 2009, 2012; Organizing committee for N\* conferences 2002, 2005; Session organizer for PANIC conference 2002; Session organizer/convenor for CIPANP conferences 1997, 2006. DOE review panels for MIT/LNS 2001 and Bates/Blast 2003; NSAC Organizing committee on the Future of Electromagnetic Interaction Physics, 1994-95; Jefferson Lab Users Board of Directors, 1995-97; Ashkin Award for undergraduate teaching excellence, Mellon College of Science 1995; Research Interests: Medium energy hadronic and nuclear physics, strangeness photo- and electro- production, hyperon and nucleon resonances, spin observables in pseudoscalar meson photoproduction, meson spectroscopy, design and construction of drift chamber systems.

**Richard Seto** — Professor of Physics, University of California, Riverside, 2001-present. Associate Professor, 1995 - 01. Assistant Professor 1990 - 95. Assistant Professor, Columbia University 1985 - 90. Postdoctoral Research, Nevis Labs, 1983-85. Ph.D., Physics, Columbia University 1983. B.S., Physics, Yale University, 1976. PHENIX Deputy Spokesperson 2007-09. PHENIX Executive Committee member 1997-present. Editorial Board Member Physical Review C 2010 - present. Spokesperson Experiment E917, 1996-2004, Nuclear Science Advisory Committee (NSAC) 2000-03. NSAC Long Range Plan Working Group 2000-01. Organizing Committee - Town Meeting, Nuclear Matter and Hadrons at High Energies, 2001. Chair RHIC-AGS Users Executive Committee, 2001-03. Chairman of the Organizing Committee for the Fall DNP meeting, Newport Beach Ca, 2012. DNP Program Committee 2011-present. Organizing Committee, 2008 Fall DNP Meeting Oakland CA, 2007-08. DNP Program Committee, 1998-01. Review Panel Member Office of Science Early Career Research Program Dec. 2010. Nuclear Physics, Particle Physics, Astronomy and Cosmology Capability (NPAC) Review, LANL, 2010. National Science Foundation Proposal Panel 2004, Coach, Northwood High School team Science Olympiad 2009 - present, Mentor MARC U\*(undergraduate) Program 2010 - present. Research Interests: Relativistic Heavy Ion Physics, Nuclear and Particle Physics.

**Mikhail Stephanov** — Professor of Physics at the University of Illinois at Chicago. Received his PhD(D.Phil.) from the University of Oxford in 1994; Postdoctoral Research Associate at Univ. of Illinois at Urbana-Champaign 1994-1997 and YITP, SUNY at Stony Brook 1997-99; Assistant Professor, Univ. of Illinois at Chicago, 1999-03 and RHIC Fellow, RIKEN-BNL Research Center, 1999-04; Associate Professor, Univ. of Illinois at Chicago, 2004-08. Outstanding Junior Investigator Award, US DOE, 2001-03 and Alfred P. Sloan Research Fellowship Award, 2002-06. Primary research interests: QCD and strong interactions in extreme environments.

**Scott W. Wissink** — Professor of Physics, Indiana University, 2000-present; Director, IU Center for Exploration of Energy and Matter, 2010-present. Education: B.A. Physics (summa cum laude), Hope College, 1976; M.S. Physics, Stanford University, 1978; Ph.D. Experimental Nuclear Physics, Stanford University, 1986. Research Associate, Indiana University, 1983-87; Assist. Professor, Indiana University, 1987-92; Associate Professor, Indiana University, 1992-2000. Member: AAPT, APS DNP. Professional Service: APS DNP Program Committee, 1996-98; LANSCE Program Advisory Committee, 2000-03 (chair for 2002-03); NSF Div. of Nuclear Physics Proposal Panel, 2006; NSF PIRE Pre-Proposal Review Panel, 2009; DOE Early Career Research Award Review Panel, 2009; DOE Medium Energy Review Panel, 2010. Member (1 of 6) of the Physics GRE Committee of Examiners, 2008-present. Teaching awards: Konopinski Prize (Physics) for Excellence in Teaching, 1991; Indiana University Trustees' Teaching Award, 2006. Research interests: high-energy spin physics, spin and flavor dependence of parton distribution functions for the proton; deputy spokesperson for the STAR Collaboration, 2011-present.

**Sherry J. Yennello** — Regents' Professor and Associate Dean, Texas A&M University. B.S. Rensselaer Polytechnic Institute 1986; Ph.D., Indiana University, 1990; Research Associate, NSCL, Michigan State University 1991-92. NSF program director for nuclear physics (2000-02). APS Fellow (2005); Fellow of American Chemical Society (2011); ACS Francis P Garvan - John M Olin Medal (2010); TAMU University Faculty Fellow (2000); Sigma Xi National Young Investigator Award (2000); NSF Young Investigator Award (1994); Oak Ridge Associate Universities Junior Faculty Enhancement Award (1993); GE Foundation Faculty for the Future Award (1993); Associate of Former Students Distinguished Award for Teaching (2008); TAMU Center for

Teaching Excellence Scholar (1995). APS-DNP Program Committee (2004-06); APS-DNP Nominating Committee (2004-05, chair 2005); APS-DNP Education committee (2005-11, chair 2010-11); APS-DNP Fellowship Committee (2007-08); APS Nominating Committee (2009-11); APS Committee on the Status of Women in Physics (2004-07, chair 2006); NSCL Program Advisory Committee (2007-11); NSAC Long Range Plan Writing Group (2007); NSAC Radioactive Ion Beam Task Force (2006-07); NSAC subcommittee on Education (2004-05); DOE Committee of Visitors, chair (2009-10). Research interests: Accelerator based heavy-ion reactions to study the dynamics and thermodynamics of excited nuclear matter and elucidate the nuclear equation of state – particularly the density dependence of the symmetry term - which has implications for the formation of elements and other astrophysical processes. Education interests: Equity and access to education and professional advancement for all, including both creating opportunities and motivating students to take advantage of opportunities that are available. Interests include motivating the current stakeholders to be agents of change.

## 22. FUTURE CONFERENCES

Organizers of future conferences should contact the DNP Secretary-Treasurer if they wish their conferences listed in DNP newsletters.

### “International School for Strangeness Nuclear Physics” (SNP2012)

12-18 February 2012

Tokai and Sendai, Japan

Contact: Satoshi N. Nakamura

E-mail: snpsc2012@lambda.phys.tohoku.ac.jp

URL: <http://lambda.phys.tohoku.ac.jp/snpsc2012/>

### “11th International Conference on Nucleus-Nucleus Collisions” (NN2012)

28 May – 1 June 2012

San Antonio, Texas, USA

Contact: Bao-An Li

Email: nn2012@comp.tamu.edu

URL: <http://nn2012.tamu.edu>

### “Annual Jefferson Lab User Group Workshop”

4 – 6 June 2012

Newport News, VA, USA

Contact: Sebastian Kuhn

URL:

[https://wiki.jlab.org/cugwiki/index.php/Annual\\_User\\_Group\\_Meeting](https://wiki.jlab.org/cugwiki/index.php/Annual_User_Group_Meeting)

### “Exotic Nuclei and Nuclear/particle Astrophysics (IV) From Nuclei to Stars”

2012 Carpathian Summer School of Physics

24 June – 7 July 7, 2012

Sinaia, Romania

Contact: Livius Trache or Serban Misicu

Email: [livius\\_trache@tamu.edu](mailto:livius_trache@tamu.edu)

[misicu@theory.nipne.ro](mailto:misicu@theory.nipne.ro)

URL: <http://cyclotron.tamu.edu/cssp12>

### “Dynamics of Open Nuclear Systems”

National Institute of Physics and Nuclear Engineering, Bucharest

9 – 20 July 2012

Predeal, Romania

Contact Adriana Raduta

Email: [araduta@nipne.ro](mailto:araduta@nipne.ro)

URL: <http://www.theory.nipne.ro/predeal12>

### “22nd Int'l Conference on Applications of Accelerators in Research and Industry” (CAARI 2012)

5 – 10 August 2012

Ft. Worth, Texas, USA

Co-Chairs: Del McDaniel

Barney Doyle

URL: <http://www.caari.com>

### “Gordon Research Conference on Photonuclear Reactions”

5 – 10 August 2012

Holderness School, Plymouth, NH, USA

Contact: Misak Sargsian

Email: [sargsian@fiu.edu](mailto:sargsian@fiu.edu)

URL:

<http://www.grc.org/programs.aspx?year=2012&program=photonuc>

### “Quark Matter 2012” (QM2012)

13 – 18 August 2012

Washington, DC, USA

Contact: John W. Harris

### “20th International IUPAP Conference on Few-Body Problems in Physics” (FBXX)

20 – 25 August 2012

Fukuoka, Japan

Contact: Kenji Sagara

Email: [fb20@phys.kyushu-u.ac.jp](mailto:fb20@phys.kyushu-u.ac.jp)

URL: <http://www.rcnp.osaka-u.ac.jp/~fbxx/>

### “European Nuclear Physics Conference 2012” (EuNPC2012)

17 – 21 September 2012

Bucharest, Romania

Chairman: Nicolae-Victor Zamfir;

Email: [eunpc2012@nipne.ro](mailto:eunpc2012@nipne.ro)

URL: <http://www.ifin.ro/eunpc2012/>

### “11th International Conference on Hypernuclear and Strange Particle Physics” (HYP2012)

1 – 5 October 2012

Barcelona, Spain

Contact: Angels Ramos

Email: [ramos@ecm.ub.es](mailto:ramos@ecm.ub.es)

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## EXECUTIVE COMMITTEE CHAIRS SINCE 1966

<b>SCHIFF, L. I.</b>	<b>1967</b>	<b>BALL, J.B.</b>	<b>1990</b>
<b>BARSCALL, H. H.</b>	<b>1968</b>	<b>CRAWLEY, G.M.</b>	<b>1991</b>
<b>GOLDHABER, M.</b>	<b>1969</b>	<b>HAXTON, W. C.</b>	<b>1992</b>
<b>FESHBACH, H.</b>	<b>1970</b>	<b>BENCZER-KOLLER, N.</b>	<b>1993</b>
<b>PHILLIPS, G.C.</b>	<b>1971</b>	<b>DOVER, C.B.</b>	<b>1994</b>
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<b>AJZENBERG-SELOVE, F.</b>	<b>1973</b>	<b>RIEDINGER, L.L.</b>	<b>1996</b>
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<b>SCHIFFER, J.P.</b>	<b>1975</b>	<b>FREEDMAN, S.J.</b>	<b>1998</b>
<b>HANNA, S.S.</b>	<b>1976</b>	<b>HENNING, W.F.</b>	<b>1999</b>
<b>WENESER, J.</b>	<b>1977</b>	<b>ROBERTSON, R.G.H.</b>	<b>2000</b>
<b>HENLEY, E.M.</b>	<b>1978</b>	<b>MOSS, J.M.</b>	<b>2001</b>
<b>AXEL, PETER</b>	<b>1979</b>	<b>GLASHAUSSER, C.</b>	<b>2002</b>
<b>HARVEY, B.G.</b>	<b>1980</b>	<b>BALANTEKIN, A.B.</b>	<b>2003</b>
<b>GARVEY, G.T.</b>	<b>1981</b>	<b>GEESAMAN, D.F.</b>	<b>2004</b>
<b>AUSTIN, S.M.</b>	<b>1982</b>	<b>SHERRILL, B.M.</b>	<b>2005</b>
<b>BERTSCH, G.F.</b>	<b>1983</b>	<b>SEESTROM, S.J.</b>	<b>2006</b>
<b>HAYWARD, E.</b>	<b>1984</b>	<b>MILNER, R.G.</b>	<b>2007</b>
<b>ROSEN, L.</b>	<b>1985</b>	<b>CASTEN, R.F.</b>	<b>2008</b>
<b>STOKSTAD, R.G.</b>	<b>1986</b>	<b>CARDMAN, L.S.</b>	<b>2009</b>
<b>ADELBERGER, E.G.</b>	<b>1987</b>	<b>ZAJC, W.A.</b>	<b>2010</b>
<b>KOONIN, S.E.</b>	<b>1988</b>	<b>TRIBBLE, R.E.</b>	<b>2011</b>
<b>EISENSTEIN, R.A.</b>	<b>1989</b>		