

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



#### Future Deadlines

- **9 January 2015** — APR15 Abstract Submission
- **20 January 2015** — Voting in DNP Election
- **20 February 2015** — APR15 Early Registration
- **1 March 2015** — Mentor & Service Award Nominations
- **2 March 2015** — APR15 Housing Reservation
- **1 May 2015** — 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. Each DNP Newsletter is posted, in advance of the copy sent via post. Comments and suggestions are solicited. Please send them to Michael Thoennessen at [thoennessen@nscl.msu.edu](mailto:thoennessen@nscl.msu.edu)

## 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 Baltimore, MD, April 2015. John Wilkerson will become Chair, Gordon Cates will become Chair-Elect, and Ani Aprahamian will become Past-Chair. Wick C. Haxton is the Divisional Councilor, through 2017. Ronald Gilman, Filomena Nunes, and Martin Savage 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 2015. Executive Committee member terms are two years.

This year's Nominating Committee consists of W. A. Zajc (Chair), D. B. Kaplan, Ch. Elster (Vice Chair), K. Heeger, and W. J. Briscoe. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

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

Douglas H. Beck (Univ. of Illinois)  
Michael R. Thoennessen (Michigan State Univ.)

#### Secretary-Treasurer:

Benjamin F. Gibson (LANL)

#### Executive Committee (three positions):

Mary A. Alberg (Seattle Univ.)  
Carl R. Brune (Ohio Univ.)

Rolf Ent (Jefferson Lab.)  
Liping Gan (Univ. of No. Carolina @ Wilmington)  
Roxanne P. Springer (Duke Univ.)  
James H. Thomas (LBNL)

Candidate biographies are included in this newsletter (item #16).

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 20 January 2015.

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.

## 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.

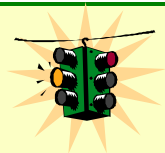
## 3. 2014 DNP DISTINGUISHED SERVICE AWARD

The 2014 recipient of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award is Bradley M. Sherrill of the Michigan State University. Sherrill received his award at the Business Meeting of HAW 2014 in Waikoloa, HI. The citation reads:

*"For his exemplary service to the Division of Nuclear Physics and his skillful leadership that have enhanced the vitality of the Division as a unit of the American Physical Society, and for his tireless efforts in advocating for nuclear science to a broad audience."*

#### INSIDE . . .

- Prizes and Awards
- Volunteer to Chair a Session in Baltimore
- Call for Nominations for DNP Awards



#### 4. 2014 DNP MENTORING AWARD

The 2014 recipient of the American Physical Society's Division of Nuclear Physics' Mentoring Award is Jorge A. Lopez of the University of Texas at El Paso. The citation reads:

*"For his outstanding record of mentoring undergraduate and graduate students in nuclear physics research, particularly students from traditionally under-represented backgrounds, many of whom have continued their studies to receive advanced degrees in nuclear physics, and for his leadership in the National Society of Hispanic Physicists."*

Lopez spoke about his mentoring experience during an invited session for Award winners at the Hawaii 2014 Meeting in Waikoloa, HI. He received his certificate at the Business Meeting.

#### 5. 2014 NUCLEAR PHYSICS DISSERTATION AWARD

The 2014 recipient of the Nuclear Physics Dissertation Award of the American Physical Society's Division of Nuclear Physics is Michael Mendenhall of the California Institute of Technology (now at NIST). Mendenhall's dissertation was written under the direction of Bradley W. Filippone (CalTech). His dissertation title reads:

*"Measurement of the neutron decay asymmetry using ultracold neutrons"*

Mendenhall spoke about his research during the award session at HAW 2014.

#### 6. 2015 BONNER PRIZE WINNER

Miklos Gyulassy of Columbia University and Howard Wieman of Lawrence Berkeley National Laboratory were named co-recipients of the 2015 American Physical Society's Tom W. Bonner Prize in Nuclear Physics. The citation reads:

*"For developing foundational experimental and theoretical tools to enable and guide generations of experiments in relativistic heavy ion physics. The combination of experiment and theory led to the initial discoveries at RHIC, ongoing precision studies of the properties of hot nuclear matter, and to exploration of the nuclear matter phase diagram."*

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 2015 meeting in Baltimore.

#### 7. 2015 FESHBACH PRIZE WINNER

Larry McLerran of the Brookhaven National Laboratory was named the recipient of the 2015 American Physical Society's Herman Feshbach Prize in Theoretical Nuclear Physics. The citation reads:

*"For his pioneering contributions to our understanding of quantum chromodynamics at high energy density and laying the theoretical foundations of experimental ultrarelativistic heavy ion collisions. His work has been a crucial guide to experiments at RHIC and LHC, and he has mentored a generation of young theorists."*

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 2015 meeting in Baltimore.

#### 8. 2015 BETHE PRIZE WINNER

James M. Lattimer of SUNY, Stony Brook was named the recipient of the 2015 American Physical Society's Hans A. Bethe Prize. The citation reads:

*"For outstanding theoretical work connecting observations of supernovae and neutron stars with neutrino emission and the equation of state of matter beyond nuclear density."*

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 2015 meeting in Baltimore.

#### 9. 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 2015 award are due 1 March 2015 and should be sent to:

Berndt Mueller  
Duke University, Dept. of Physics  
P.O. Box 900305  
Durham, NC 27708-0305  
Phone: (919) 660-2570/ Fax: (919) 660-2525  
Email: "mueller@phy.duke.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 2015 DNP Mentoring Award selection committee are: Berndt Mueller (Chair), Michael Thoennessen, Henry Weller, Hendrik Schatz, and Jorge A. Lopez.

## 10. NOMINATIONS 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. 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 to 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 2014 award are due 1 March 2015. 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:

Ani Aprahamian  
University of Notre Dame, Dept. of Physics  
225 Nieuwland Science  
Notre Dame, IN 46556  
Phone: (574) 631-8120 /Fax: (574) 631-5952  
Email: "aapraham@nd.edu"

## 11. FUTURE DNP FALL MEETINGS

2015	October 28 – 31	Santa Fe, NM
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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.

## 12. FUTURE APS SPRING MEETING INFORMATION

2015	Apr 11 – 14	Baltimore, MD
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Any comments/suggestions should be sent to APS Director of Meetings, Terri Gaier (gaier@aps.org).

## 13. APS MEETING IN BALTIMORE, MD, APRIL 2015

The APS April Meeting is heading to Baltimore, Maryland! This meeting will bring together physicists and students in astrophysics, gravitational physics, nuclear physics, and particle physics to share new research and insights at sessions sponsored by sixteen units of the APS:

### Divisions

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

### Forums

- \* Education (FEd)
- \* Graduate Student Affairs (FGSA)
- \* History of Physics (FHP)
- \* International Physics (FIP)
- \* Physics and Society (FPS)
- \* Outreach and Engaging the Public (FOEP)

### Topical Groups

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

The April meeting will offer an outstanding scientific program of three plenary sessions (9 plenary talks), 75 invited sessions, and more than 100 contributed paper sessions. Only APS Members (or members of APS reciprocal societies) may submit contributed abstracts. Join now or renew your membership. Create an abstract, proof read it, and submit it prior to the Friday, 9 January 2015, deadline. You may submit only one abstract.

### Note the deadlines:

- o 9 January Abstract submission
- o 20 February Early Registration
- o 2 March Housing Reservations
- o 20 March Online Registration closes

## 14. DNP APRIL 2015 MEETING PROGRAM

The DNP Program Committee, under the leadership of Program Committee Chair John Wilkerson, 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, 11-14 April. The on-line BAPS program will be available for viewing in February.

Joint sessions have been arranged with the Forum on Physics in Society, the Division of Particles & Fields, the Division of Astrophysics, the Topical Group on Hadron Physics, the Topical Group on Few-Body Physics, the Division of Physics of Beams, the Topical Group on Gravitation, and the Topical Group on Precision Measurements.

DNP stand-alone sessions will include the Bonner and Feshbach Prize Session. Four topic DNP stand alone sessions will include:

"The Structure of the Pion" (organized by V. Burkert and S. Capstick), "Astrophysical Reaction Rates via Charge-exchange and Transfer Techniques" (organized by R. Surman, A. Spyrou, and J. Cizewski), "Hard Probes in pA Collisions," (organized by A. Sickles and H. Caines), "Nuclear Structure of Rare Isotopes" (organized by J. Nolen and D. Radford).

## 15. 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 database for all Annual Reviews publications, which allows visitors to search by author name or key words.

## 16. CANDIDATE BIOGRAPHIES

### *NOMINATIONS FOR VICE-CHAIR*

**DOUGLAS H. BECK** – Professor of Physics, University of Illinois at Urbana-Champaign, 1997-present; Associate Professor of Physics, University of Illinois at Urbana-Champaign, 1994-1997; Assistant Professor of Physics, University of Illinois at Urbana-Champaign, 1989-1994; Senior Research Fellow, Caltech, 1986-89; Ph.D. Physics, MIT, 1981-1986; M.S. Physics, University of Saskatchewan, 1979-1981; B. Eng. Phys., University of Saskatchewan, 1975-1979. Moore Distinguished Scholar, Caltech, 2013. Fellow of the American Physical Society, 2002. NSF Young Investigator, 1992-1997. A. P. Sloan Foundation Fellow, 1991-1992. Professional Service: Ad-hoc DOE Review, KATRIN, 2014; Chair, BNL Nuclear and Particle Physics Program Advisory Committee, 2007-present; Member, BNL Nuclear and Particle Physics Program Advisory Committee, 2006; Member, DNP Dissertation Award Committee, 2013-2014; Member, DNP Executive Committee, 2011-2013; Member DNP Program Committee, 2011-2013, 1994-1997; Co-editor (with J. Negele, MIT and D. Haidt, DESY) *Advances in the Physics of Particles and Nuclei*, 2006-2013; Member, National Advisory Committee, National Institute for Nuclear Theory, 2007-2009; Divisional Editor, *Physical Review Letters*, 2005-2007; Chair, Gordon Research Conference, 1997; Member DOE Science and Technology Review Committee for Jefferson Lab, 1996; Member, Jefferson Lab Program Advisory Committee, 1994-1995; Member, SURA Review Committee for Jefferson Lab, 1995; Chair, Jefferson Lab Users Group, 1995; Past-Chair, Jefferson Lab Users Group, 1996. Research Interests and Activities: QCD, fundamental symmetries. Co-PI (NSF) and Member, Executive Committee, nEDM experiment at SNS. Member nEDM collaboration, Munich. Member EXO/nEXO collaborations. Spokesperson, G0 experiment. Co-spokesperson, SAMPLE experiment.

**MICHAEL R. THOENNESSEN** – Professor of Physics, Michigan State University, 1998-present; Associate Director, National Superconducting Cyclotron Laboratory, 2003–2013; Associate Professor of Physics, Michigan State University, 1995–1998; Assistant Professor of Physics, Michigan State University, 1990–1995; Research Associate, Oak Ridge National Laboratory and Joint Institute for Heavy Ion Research, 1988–1990; Ph.D. in Physics, State University of New York at Stony Brook, 1988; Diplom in Physics, University of Cologne, Germany, 1985. DNP Mentoring Award, 2012; Fellow of the American Physical Society, 2005. Professional Service: Supervisory editor, *Nuclear Physics A*, 2004–present; Co-convener, Education and Innovation Town Meeting, 2014; NSAC Subcommittee on Workforce

Development, 2014; AIP Advisory Committee on Physics Education, 2013–present; DOE Nuclear Physics Comparative Research Review Committee, 2013; DNP Executive Committee, 2012–present; APS Forum on Education Program Committee, 2013; APS Forum on Education Nominating Committee, 2011; NSAC Subcommittee on Public Access of Research Results, 2011; US Delegation to the 4th International Conference of Women in Physics, 2011; APS Education Committee, 2011–2014; DNP Mentoring Award Committee, 2010, 2013–present; NSAC DOE Committee of Visitors, 2007, 2010; DNP Program Committee, 2003–2004, 2010–2011; DNP Webmaster, 2009–2013; DNP Home Page Committee, 2009–present; APS Division of Nuclear Physics Nominating Committee, 2009; Visiting Committee of the APS Gender Equity Project, 2009–present; EURISOL Users Executive Committee, 2008–2010; Committee to Review Physical Review C and its Editor, 2008; DNP Education Committee, 2007–present; APS Selection Committee for the Prize to a Faculty Member for Research in an Undergraduate Institution, 2007–2008; AAPT Meetings Committee, 2007–2009; U.S. Correspondent for *Nuclear Physics News*, 2007–2011; AAPT Program Committee, 2006–2008; AAPT Committee on Graduate Education, 2005–2008; DOE Gamma-Ray Tracking Coordinating Committee, 2002–2003; Member, 31 various International Advisory and Review Committees, 1997–present. Research Interest and Activities: Experimental nuclear physics; exotic nuclei, neutron-unbound nuclei; experiments performed at Stony Brook University, ORNL, Indiana University, Texas A&M University, GANIL, and NSCL; member of the MoNA collaboration.

### *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–. DNP Distinguished Service Award, 2007. Research interests: few-body systems, hypernuclei, electromagnetic interactions in nuclei, meson interactions with nuclei, parity non-conservation in nuclear systems, electric dipole moments of few-nucleon systems.

## NOMINATIONS FOR EXECUTIVE COMMITTEE

**MARY A. ALBERG** – Professor of Physics, Seattle University, 1992-present; Arline Bannan Chair of Mathematics and Natural Sciences, Seattle University, 2000-2002; Chair, Department of Physics, Seattle University, 1990-1995; Associate Professor of Physics, Seattle University, 1983-1992; Assistant Professor of Physics, Seattle University, 1979-1983; Lecturer, Seattle University, 1978-1979; Affiliate Professor, University of Washington, 1993-present; Affiliate Associate Professor, University of Washington, 1983-1993; Visiting Fellow, Department of Nuclear Physics, Oxford University, 1975; Physicist, US Atomic Energy Commission, 1963-1967. Ph.D. in Physics, University of Washington, 1974; M.S. in Physics, University of Washington, 1970; B.A. in Physics, Wellesley College, 1963. KITP Scholar, U.C. Santa Barbara, 2008-2010. Professional Service: Committee on Membership, American Physical Society, 1996-1998 (Chair, 1998); Education Committee, Division of Nuclear Physics, 2000-2006; Member of the Executive Committee (2008-2012, 1999-2001), Nominating Committee (2006-2008), and Organizing Committee (1998-1999), of the Northwest Section of the American Physical Society; Local Organizing Committee for the 2012 Northwest Conference for Undergraduate Women in Physics; Committee of Visitors, Office of Nuclear Physics, U.S. Department of Energy (2010); Committee of Visitors, Division of Physics, NSF (2003); Co-organizer, Co-Chair, or International Advisory Committee for 7 International Conferences; Founding Member, Anacapa Society (for theorists at undergraduate institutions), 2007-present; Associate Editor, *American Journal of Physics*, 1995-1997. Research Interests and recent activity: theoretical description of hadron structure and interactions; Co-organizer of the workshop “*Flavor Structure of the Nucleon Sea*”, European Center for Theoretical Studies in Nuclear Physics and Related Areas, Trento, Italy (2013).

**CARL R. BRUNE** – Professor of Physics, Ohio University, 2010-present; Associate Professor of Physics, Ohio University, 2005-2010; Assistant Professor of Physics, Ohio University, 2001-2005; Research Assistant Professor, University of North Carolina, Chapel Hill, 1996-2001; Postdoctoral Research Associate, University of North Carolina, Chapel Hill, 1994-1996; Ph.D. in Physics, California Institute of Technology, 1994; B.S. in Physics, University of California, Santa Barbara, 1988. Fellow of the American Physical Society (2010). Professional Service: Nuclear Astrophysics Town Meeting, working group co-convenor, 2014; Physical Review C Editorial Board, 2011-2013; Nuclear Science Advisory Committee, Subcommittee on Public Access to Research Results, 2011; Nuclear Diagnostics Review Committee, Lawrence Livermore National Laboratory, 2010-2012; Co-organizer of the Workshop on Statistical Nuclear Physics and Applications in Astrophysics and Technology, 2008; American Physical Society, Division of Nuclear Physics, Program Committee, 2005-2007; Town Meeting on Nuclear Structure and Nuclear Astrophysics working group co-convenor, 2000; Member, 7 site visit committees for accelerator laboratories for DOE or NSF. Research interests: nuclear astrophysics, few-body physics, radioactive ion beams, applied nuclear physics.

**ROLF ENT** – Associate Director, Experimental Nuclear Physics, Jefferson Lab (2011 - present); Staff Scientist at Jefferson Lab, 1993 - present; Adjunct Professor at Hampton University, 1993 - present; Science Lead for the 12 GeV Upgrade Project, 2006 - 2009; Hall C Group Leader, 2002 - 2006; Experimental Group Leader of the Nuclear and High-Energy Physics (NuHEP) Center at Hampton University, 1996 - 2001; Post-doctoral research fellow, Massachusetts Institute of Technology, 1990 - 1993; Post-doctoral research fellow, located at CERN, University of Virginia, 1989 - 1990; Ph.D. In Physics, Free

University of Amsterdam, 1989; B.S. in Physics, Free University of Amsterdam, 1985; Fellow of the American Physical Society (2011). Professional Service: Member, Nuclear Science Advisory Committee, 2006 - 2008; Member, U.S. Nuclear Science Long Range Plan Working Group, 2006/7 and 2014/15; Co-organizer, HUGS Graduate School, 2000 - present; Organizer, HU/MIT Undergraduate Summer Program, 2006 - 2010, Co-Chair, Jefferson Lab Diversity and Inclusion Council, 2012 - present; Member, Technical Readiness Review Committee, Jefferson Lab Free Electron Laser; Member, 25 various International Advisory Committees. Research Interests and Activities: Experimental Nuclear Physics, electron scattering, structure of the nucleon, spin physics, structure of hadrons in the nuclear medium, quantum chromodynamics; Electron-Ion Collider contact at Jefferson Lab, 2004 - present; Author of two textbook chapters, on form factors and on quark-hadron duality; co-author of two nuclear science general audience brochures; Spokesperson of 12 experiments, of which 8 completed, at the Netherlands Institute for Nuclear and High-Energy Physics (NIKHEF) and at Jefferson Lab; Participant in experiments at CERN, IUCF, Jefferson Lab, KVI Groningen, MIT-Bates, NIKHEF/EMIN, NIKHEF/ITH, SLAC, and VU Cyclotron; co-author of over 130 papers in refereed journals.

**LIPING GAN** – Professor of Physics, University of North Carolina Wilmington (UNCW), 2010-present; Associate Professor of Physics, UNCW, 2007-2010; Assistant Professor of Physics, UNCW, 2001-2007; Post-doctoral research fellow, University of Kentucky, 01/2001-07/2001; Post-doctoral research fellow, Hampton University, 1998-2000; Instructor of Physics, Beijing Medical University, 1988-1991; Ph.D in Physics, University of Manitoba, Canada, 1998; M.S. in Physics, Peking University, China, 1988; B.S. in Physics, Peking University, China, 1985. Professional Service: Panel member, American National Science Foundation (NSF) nuclear physics division, 2010; Reviewer, NSF grants proposals (2006 start); Member, the board committee for the GlueX collaboration at Jlab, 2012-2014; External Review Committee of James Madison University Physics Department, 2013; Reviewer, European Physical Journal (2012 start); Member, advisory board committee for UNCW Center of the Support of Undergraduate Research and Fellowships (2003 start); Faculty mentor, the UNCW student organization for “Women in Science and Engineering” (2009 start). Research Interests and Activities: Experimental tests of fundamental symmetries, low-energy QCD, and new physics beyond the Standard Model. Spokesperson, “Eta Decays with Emphasis on Rare Neutral Modes: The Jlab Eta Factory (JEF) Experiment” (PR12-14-004), Jlab; Co-spokesperson, “A Precision Measurement of the Eta Radiative Decay Width via the Primakoff Effect” (PR12-10- 011), Jlab; Co-spokesperson, “An Updated High Precision Measurement of the Neutral Pion Lifetime via the primakoff Effect” (PR-08-023), Jlab; Chair, the data analysis review committee for the PrimEx collaboration, 2006-2011, Jlab; Writer, "Primakoff photo- and electro-production" section for Jlab 12 GeV upgrade white paper “The Science Driving the 12 GeV Upgrade of CEBAF”, 2001; Participant, hypernuclear spectroscopy experiment (E89-009) at Jlab, 1998-2001; Participant, the H-dibaryon research experiments (E813 and E836) and double-Lambda hypernuclei experiments (E885 and E906), BNL AGS, 1992-1997; Participant, charge symmetry breaking in n-p elastic scattering, TRIUMF, 1992-1997.

**ROXANNE P SPRINGER** — Professor of Physics, Duke University, 2011-present; Director of Graduate Studies, Department of Physics, Duke University, 2004-2007; Associate Professor of Physics, Duke University, 1999-2011; Assistant Professor of Physics, Duke University, 1992-1999; Visiting Assistant Professor, University of Wisconsin-Madison, 1990-1992; Ph.D in Theoretical Physics, California Institute of Technology, 1990; B.A. in Physics and Chemical Physics, Rice University, 1985. Professional Service: Co-organizer,

HIGS: Photonuclear reactions at the intensity frontier, 2013 and 2014; Chair-line, Southeastern Section of the American Physical Society, 2009-2013. Facilitator, APS Conversations Program, 2009-2012; Member, APS Committee on the Status of Women in Physics (CSWP), 2005-2007; Vice Chair and Site-Visit Coordinator, CSWP, 2007; Member, Advisory Committee, Institute for Nuclear Theory (INT) 20th Anniversary Program; Co-Organizer, Physics of Strangeness, INT Program, 1999; Member, Program Committee of the DNP, 1996-1998. Awards: California Institute of Technology Gordon and Betty Moore Visiting Scholar, 2008; Ohio University Rene and Robert Glidden Visiting Professor, 2008. Research interests and activities: effective field theories of QCD, weak interactions, and physics beyond the Standard Model; applications to low energy few-body systems, and charm and bottom systems.

**JAMES H. THOMAS** — Scientist at Lawrence Berkeley National Laboratory, 1997-present; Program Head Relativistic Nuclear Collisions Group at LBL, 2005-2006; Group Leader for Heavy Ion Physics, LLNL, 1992-1996; Scientist at Lawrence Livermore National Laboratory, 1989-1996; Research Faculty, California Institute of Technology, 1986-1988; Robert Andrews Millikan Fellow in Physics, Caltech, 1983-1985; Postdoctoral Fellow, California Institute of Technology, 1982; Ph.D. in Physics, Yale University, 1982; M. Phil. in Physics, Yale University, 1979; B.S. in Physics, Washington State University, 1976; APS & DNP Activities: Chair, Fall Meeting of the Division of Nuclear Physics, 2008; Fellow of the American Physical Society, 2005; DNP Program Committee, 2002-2003, 2007-2008; DNP Nominating Committee, 2004-2006; DNP APS Nominations Committee, 2000-2001; Honors: EMMI Visiting Professor, GSI Helmholtzzentrum, Darmstadt, 2010; Ranked #1 by Thomson Reuters - Hadron Colliders: top 20 authors, 2000-2010; LBL Merit Service Award, 2006; Physics Distinguished Achievement Award: Service Award, 1993; Physics Distinguished Achievement Award: Outstanding Scientific Publication, 1990; Fellow of the College, University of Queensland, Australia, 1989; Professional Service: Organized and Chaired numerous meetings on heavy ion physics; Principle Investigator for PIXEL project at LBL, 2013-present; STAR Experiment Deputy Spokesman, 2002-2005; Member and/or Chair, AGS & RHIC Users Executive Committee, 1999-2002, 2013-2014; STAR Experiment Deputy Project Director, 1997; Project Manager for the PHENIX Magnet System, Member Executive Council, 1991-1996; Research Interests: Using the nucleus as a laboratory to study fundamental interactions; Correlations in ultra-relativistic heavy ion collisions, Heavy Flavor, Chiral Symmetry restoration, Double Beta Decay, Gravity; STAR Collaboration at RHIC, 1997-present; PHENIX Collaboration at RHIC, 1991-1996; Experiments E802, E859, E866 &

E910 at the AGS; Caltech/Neuchatel Xenon TPC Beta- Beta Collaboration, 1984-1989; Spokesman, Caltech-LLNL Experimental Gravity Collaboration, 1988-1991; Public Service & Outreach: BBC-TV Program “Defying Gravity”, 1989; Coach/Mentor for US First Robotics Team at E.L. VanderMeulen High School, 2001-present.

## 17. FUTURE CONFERENCES

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

### Strange Nuclear Physics 2014

12-14 December 2014

Hunan Normal Univ., Changsha, China

URL:

[indicio.hep.ac.cn/conferenceDisplay.py?ovw=True&confId=4454](http://indicio.hep.ac.cn/conferenceDisplay.py?ovw=True&confId=4454)

### “21st International IUPAP Conference on Few-Body Problems in Physics” (FB21)

18-22 May 2015

Chicago IL

Co-Chairs: C.D. Roberts, Ch. Elster, D.R. Phillips

URL: [www.fewbody21.us](http://www.fewbody21.us)

### “2015 Gordon Conference on Nuclear Chemistry: Confluence of Nuclear Structure and Reactions”

31 May - 5 June 2015

Colby-Sawyer College, New London, NH

URL: [www.grc.org/programs.aspx?id=11762](http://www.grc.org/programs.aspx?id=11762)

### “Int’l Conference on Nuclear Physics” (INPC2016)

Adelaide, Australia

11-16 September 2016

Contact: A. W. Thomas

URL: [www.physics.adelaide.edu/cssm/workshops/inpc2016](http://www.physics.adelaide.edu/cssm/workshops/inpc2016)

### “8th International Workshop on Chiral Dynamics” (CD2015)

29 June - 3 July 2015

Pisa, Italy

Co-Chairs: Laura Marcucci and Michele Viviani

Contact: [cd2015@pi.infn.it](mailto:cd2015@pi.infn.it)

URL: [agenda.infn.it/event/cd2015](http://agenda.infn.it/event/cd2015)

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