

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

Future Deadlines



- **11 January 2008** — Abstract deadline for spring meeting
- **18 January 2008** — DNP Election Ballot
- **22 February 2008** — Early registration for spring meeting
- **7 March 2008** — Housing deadline for spring meeting
- **1 April 2008** — Nominations for 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 Thomas Glasmacher at <dnpweb@nscl.msu.edu>

1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2008

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 St. Louis, 12-15 April 2008. Richard F. Casten will become Chair, Lawrence S. Cardman will become Chair-Elect, and Richard G. Milner will become Past-Chair. A. Baha Balantekin is the Divisional Councilor through 2009. Thomas Glasmacher, Krishna S. Kumar, and Michael J. Ramsey-Musolf will remain members of the Executive Committee. A Vice Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected before April 2008. Executive Committee member terms are two years.

This year's Nominating Committee consists of A. C. Mignerey (Chair), D. J. Dean, R. Janssens (Vice Chair), A. Young, and S. Pate. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

Vice-Chair (one position):

Steven Elliott
William J. Zajc

Secretary-Treasurer:

Benjamin F. Gibson

Executive Committee (three positions):

John R. Arrington
Abhay L. Deshpande
Latifa Elouadrhiri
Geoff L. Greene
Edward P. Hartouni
Allena K. Opper
Krishna Rajagopal
Alan H. Wuosmaa

Candidate biographies are included in this newsletter (item #19).

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 2008.

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

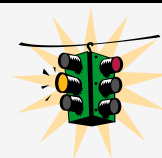
Given the importance of agency sponsorship in making nuclear physics research possible, it is urged that DNP members acknowledge their agency sponsors in any talk or publication which they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

3. SESSION CHAIRS FOR THE ST. LOUIS, MO, APRIL 2008 APS SPRING MEETING

The APS/DNP Spring Meeting will be in St. Louis, MO. Those who are willing to chair a session should please send an email message to Rick Casten (rick@riviera.physics.yale.edu) indicating: 1) willingness to serve and 2) areas of expertise which might be of interest. The information is needed by 11 January. Nominations of younger colleagues who will attend the meeting are welcome.

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4. 2007 DNP DISTINGUISHED SERVICE AWARD RECIPIENT

The 2007 recipient of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award, Benjamin F. Gibson, was announced at the DNP Business Meeting in Newport News. The citation reads:

"For his sustained and extraordinary contributions to the Division of Nuclear Physics that have enhanced its vitality, ensured its success, and have always been carried out with professionalism, integrity and civility."

Congratulations are due to Ben. He has provided significant service to the Division which has benefited every member.

5. 2008 BONNER PRIZE WINNER

Arthur M. Poskanzer of the Lawrence Berkeley National Laboratory was named the recipient of the 2008 APS Tom W. Bonner Prize in Nuclear Physics. The citation reads:

In recognition of his pioneering role in the experimental studies of flow in Relativistic Heavy Ion Collisions.

Please go to <http://www.aps.org> and click on *Prizes, Awards & Fellowships* for more information.

6. 2008 BETHE PRIZE WINNER

Friedrich K. Thielemann of the University of Basel was named the recipient of the 2008 APS Hans A. Bethe Prize. The citation reads:

For his many outstanding theoretical contributions to the understanding of nucleosynthesis, stellar evolution and stellar explosions through applications to individual objects and to cosmic chemical evolution.

Please go to <http://www.aps.org> and click on *Prizes, Awards & Fellowships* for additional information.

7. 2008 DISSERTATION AWARD WINNERS

Deepshikha Choudhury of Ohio University and Nikolai Tolich of Stanford University have been named the winners of the 2008 Nuclear Physics Dissertation Award for their thesis work. Dr. Choudhury studied under the direction of Daniel R. Phillips and Dr. Tolich studied under the direction of Giorgio Gratta.

The citation for Dr. Choudhury reads:

For her dissertation investigating neutron polarizabilities and nucleon-nucleon scattering in heavy-baryon chiral perturbation theory.

The citation for Dr. Tolich reads:

For his dissertation presenting an experimental investigation of terrestrial electron anti-neutrinos with KamLAND.

Please go to <http://www.aps.org> and click on *Prizes, Awards & Fellowships* under the heading "Programs" for additional information.

8. DNP MENTORING AWARD, R.G. Milner and J.A. Cizewski

Nominations are being solicited for the new "DNP Mentoring Award" 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.

The award will consist of a certificate indicating the citation chosen by the selection committee. If the recipient requests reimbursement for travel to the meeting where the award is presented, this will be covered by the DNP.

Nominations for the 2008 inaugural award are due February 29, 2008 and should be sent to:

Dr. Susan Seestrom
Past-Chair, DNP
P.O. Box 1663, MS A106
Los Alamos National Lab
Los Alamos, NM 87545
Fax: (505) 665-1293

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 2008 DNP Mentoring Award selection committee are: Susan Seestrom (chair), Con Beausang, Jolie Cizewski, Cynthia Keppel and Howard Mathis.

9. NOMNATIONS FOR 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 are due 29 February 2008 for the award to be given during the 2008 Fall Meeting. 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. Five copies of the nomination should be sent to:

Richard G. Milner
26-505 Dept. of Physics
77 Massachusetts Ave.
Cambridge, MA 02139
phone: 617-253-7800
fax: 617-253-0111
e-mail: milner@mit.edu

10. FUTURE DNP FALL MEETINGS

2008	October 23-26	Oakland, CA
2009	October 13-17	Waikaloa, HI
2010	October	Santa Fe, NM

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

2008	April 12 – 15	St. Louis, MO
2009	May 2-5	Denver, CO
2010	February 13-16	Washington, DC
2011	April 15-18	Anaheim, CA

The 2008 APS Spring Meeting will move to St. Louis, MO. The 2010 meeting will be held in conjunction with AAPT. Any comments/suggestions should be sent to APS Meetings Manager, Donna Baudrau (baudrau@aps.org). The 2010 meeting will be in DC during February with the AAPT.

12. APS MEETING IN ST. LOUIS, MO, 12 – 15 APRIL 2008

The 2008 April Meeting of the APS will be held in St. Louis, MO, at the Adams Mark Hotel. Participating units will include the Divisions of Nuclear Physics, Astrophysics, Computational Physics, Particles and Fields, Physics of Beams, and Plasma Physics. Forums represented will include Education, Graduate Student Affairs, History, International Affairs, and Physics & Society. The meeting will be held in conjunction with a conference sponsored by HEDP (High Energy Density Physics) and HEDLA (High Energy Density Laboratory Astrophysics). The program will consist of three plenary sessions, some 75 invited paper sessions, and more than 100 contributed paper sessions (including mini-symposia). The format will involve four sessions per day with a short lunch break. All scientific sessions and ancillary activities will take place in the Adams Mark Hotel. Note: the Adams Mark Hotel has been sold and will soon have a new name; by the time the housing service is open for business, the new name of the hotel will be in place. The abstract deadline is 11 January, the early registration deadline is 22 February, and the hotel reservation deadline is 7 March.

13. APRIL 2008 MEETING STUDENT TRAVEL AWARDS, B. M. Sherrill

The DNP is pleased to offer a limited number of travel grants to encourage graduate students to participate in April 2008. The APS April meeting provides an excellent opportunity for students to present their research, to hear about a broad range of physics topics, and to meet potential employers. To promote graduate (and in very special cases undergraduate) student participation, the DNP will offer travel awards of \$200 plus complimentary registration for the meeting -- based on

merit and need. In order to be eligible students must present a talk at the April meeting, complete the application process by the 11 January deadline, and provide a statement of support from their thesis or research supervisor. Please see the DNP web site for more details and the application procedure.

14. DNP APRIL 2008 MEETING PROGRAM

The DNP Program Committee, under the leadership of Program Committee Chair Rick Casten, has completed its planning activity for the DNP component of the APS April Meeting (12-15 April) in St. Louis. There will again be plenary sessions at 8:30 a.m. on three of the four meeting days. Invited sessions will have only three speakers. For the details please see the APS web site.

Eight joint sessions have been organized with other APS Units. Included are a session with the Forum on Education focusing on “Undergraduate Education in Nuclear Physics”, three sessions on few body and computational nuclear physics with the Few-Body Topical Group and the Hadron Physics Topical Group, a session on rf acceleration arranged with Division of the Physics of Beams, two sessions arranged with the Division of Particles and Fields, one on neutrino physics and one on QCD, and finally one session on X-ray bursts arranged with the Division of Astrophysics.

DNP topic sessions will be focused on Monday and Tuesday to avoid competition with the number of popular joint sessions on Saturday and Sunday. The sessions organized by the Program Committee include:

- DNP Prize Session (Bethe & Bonner Prize talks)
- DNP Dissertation Award Session
- Long Distance Structure of the Nucleon
- Structure of Exotic Nuclei
- Neutron Rich Nuclei in the Laboratory and Cosmos
- Polarization of the Glue
- Topics in Nuclear Physics (from member nominations)

DNP Program Committee members are involved in organizing five mini-symposia in St. Louis. Contributed papers intended for mini-symposia should be identified by the appropriate sorting category listed below. (Note that category E14a should be entered as (E){14}{a} in the category field.) Each mini-symposia will be headed by a 30 minute lead talk, which is intended to provide an introduction upon which the following contributed paper talks can rely to have set the stage. Thus, a contributed paper talk in a mini-symposium should be able to convey much more detailed information in the allotted time than a contributed paper talk in a regular session. Abstracts not selected for a particular mini-symposium because of time constraints will be placed in a traditional contributed paper session. **Please note the new rules which state that a second contributed abstract by the same lead author will be placed in a poster session, and any additional abstract will not be included in the program. The DNP sponsors no such poster sessions, and a second abstract, therefore, will be ignored.**

It would assist mini-symposia organizers if a copy of one’s abstract for a particular mini-symposium (at least the title and authors) were sent to the organizer (listed in parenthesis following the mini-symposium sorting category) when submitted to the APS. Abstracts mis-directed to the wrong sorting category can then be more easily located and properly inserted into the program at the sorters meeting.

Sorting categories for nuclear physics are:

E. NUCLEAR PHYSICS

- E1. Nuclear Astrophysics
- E2. Electroweak Interactions
- E3. Neutrino Physics
- E4. Electromagnetic Interactions
- E5. Ultrarelativistic Heavy-Ions
- E6. Nuclear Reactions: Heavy-Ions/Rare Isotope Beams
- E7. Nuclear Reactions: Hadrons/Light Ions
- E8. Nuclear Structure
- E9. Sub-nucleonic Degrees of Freedom
- E10. Hadronic Physics
- E11. Nuclear Theory
- E12. Instrumentation
- E13. Applications of Nuclear Physics
- E14a. Mini-symposium on Correlations and Jets in Heavy Ion Collisions (J. Thomas)
- E14b. Mini-symposium on Underground Physics at DUSEL (A. Hime & K. Kumar)
- E14c. Mini-symposium on From Thermonuclear to Pyconuclear Burning (H. Schatz)
- E14d. Mini-symposium on Hard Probes of the Quark-Gluon Plasma (W. Vogelsang & J. Thomas)
- E14e. Mini-symposium on Flow and Eccentricity Fluctuations in Relativistic Heavy Ion Collisions (A. Mignerey & J. Thomas)

15. ABSTRACT SUBMISSION

Complete abstract submission instructions can be found at the URL <http://www.aps.org/meet/abstracts/meet-abstract.html>. NOTE: Abstracts are no longer accepted via e-mail.

The deadline for receipt of abstracts for the April meeting (APR08) is January 11, 2008 at 5:00 p.m. EST. You are strongly urged to proof your abstract before submission.

Note: APS members are entitled to one contributed abstract. A second abstract by the same lead author will be ignored.

To submit a contributed abstract using the online web submission process, an author must know two things: (1) the number and ordering of authors and collaborators; (2) the abstract content. The web page will guide one through the rest.

Try a test submission before submitting your abstract. Log onto <http://abstracts.aps.org> and select the meeting TEST. Follow the directions online to create your own practice abstract. When ready to submit your abstract online, select the meeting APR08 by clicking on the appropriate button. A form will be created for you. Simply input the information.

NOTE: Invited speakers should refer to their letters of invitation for instructions on locating the invited template.

If you have questions regarding abstract submission, please send them to abs-help@aps.org.

16. NATIONAL NUCLEAR PHYSICS SUMMER SCHOOL Allena Opper

The 2008 National Nuclear Physics Summer School (NNPSS) will be held at The George Washington University in Washington, DC, from Sunday, 15 June, to Friday, 27 June. The annual NNPSS provides a unique pedagogical service to the approximately 45 people who attend it, with the attendees being one or two years either side of earning a PhD. Each topic will be covered in a series of lectures given by one person and supplemented by topical seminars given by other speakers. The NNPSS is intended to be broad rather than focused. This not only helps to broaden the perspective of the new generation but also helps attract students from the entire cross section of the field of nuclear physics and thereby aids in the formation of a community spirit within the field. We have invited a number of people to speak on nuclear physics careers outside of academia. Please contact Harald Griesshammer (hgrie@gwu.edu) or Allena Opper (akopper@gwu.edu) for more information.

17. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

New 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 will be verified through the DNP prior to shipment of orders.

2006 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volume 53 is \$80/\$85 retail and \$56/\$59.50 for DNP members. Volume 54 is \$84/\$89 retail and \$58.80/\$62.30 for DNP members. Volume 55 is \$86/\$91 retail and \$60.20/\$63.70 for DNP members. Volume 56 will be \$80 retail and \$56 for DNP members. A \$4 handling charge for orders was instituted 1/1/06.

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.

18. ANNOTATED AUTHOR PROOFS FROM PRC, C. Wesselbog

In August, 2007 Physical Review C launched annotated ("red-lined") author proofs. The PRC composition vendor, Aptara (formerly named Techbooks), provides these to authors in addition to the regular page proofs. The "red-lined" manuscripts highlight the copy editing changes for the authors' information. However, authors should only send corrections on the page proofs, not on the "red-lined" copy editing files.

In order for the authors to find the changes quickly, deletions appear in strike-through red (underlined red in equations), additions in blue with a wiggly underline, and questions to the authors appear on highlighter background. In addition, annotations are identified with a bar in the page margin. (Other instructions for the composition keyboarders may appear as well.)

To be eligible, authors must prepare their manuscripts in standard REVTeX4 format. Other formats are not supported, because copy

editors edit only eligible REVTeX files directly, and the file comparison software relies on standard REVTeX4 coding.

Authors should note that the process is entirely automatic. Hence, it treats important grammar and wording adjustments on the same footing as trivial style changes such as using italic font for single-letter quantities, roman font for nuclide symbols, and adjustments of punctuation and hyphenation.

19. CANDIDATE BIOGRAPHIES

NOMINATIONS FOR VICE-CHAIR

Steven Elliott — Technical Staff Member, Los Alamos National Laboratory (2002-Present); Acting Deputy Group Leader, LANL (2006-2007); Adjunct Professor, University of New Mexico (2005-Present); Affiliate Associate Professor, University of Washington (2002-Present); Research Associate/Assistant Professor, University of Washington (1995-2002); Post Doctoral Fellow, Lawrence Livermore National Laboratory (1991-1994); Post Doctoral Fellow, LANL (1988-1991); Ph.D. University of California, Irvine (1987), M.Sc. University of California, Irvine (1984); B.Sc., magna cum laude, University of New Mexico (1982); Fellow American Physical Society (2004); Spokesperson Majorana collaboration; Long Range Plan-local organizing committee for town meeting (2006-2007); Dark Matter Scientific Assessment Group member (2006-2007); Scientific and program advisory committees of international symposia and meetings such as: Neutrino, CIPANP; SAGENAP member (2004); APS study on the physics of neutrinos, working group co-leader and writing committee (2003-2004); Neutrino Facility Assessment Committee of the National Academy of Science member (2002); DNP program committee member (2002-2003); Research experience and interests: double-beta decay (dissertation, Majorana project), solar neutrinos (SAGE and SNO collaborations), supernova neutrinos; Atomic physics of highly charged ions (electron beam ion trap), dark matter; Future: double-beta decay and dark matter

William A. Zajc — Professor of Physics, Columbia University, 1996-present; Associate Professor of Physics, Columbia University, 1990-1996; Assistant Professor of Physics, Columbia University, 1987-1990; Assistant Professor of Physics, University of Pennsylvania, 1984-1986; Post-doctoral research fellow, University of Pennsylvania, 1982-1984; Ph.D in Physics, University of California, Berkeley, 1982; B.S. in Physics, California Institute of Technology, 1975. Fellow of the American Physical Society (1998). Professional Service: Member, Nuclear Physics Long Range Planning Group, 2007; Advisory Committee, Institute for Nuclear Theory (2007 start); Science Council, Thomas Jefferson National Accelerator Facility (2007 start); Science and Technology Steering Committee, Brookhaven Science Associates (2006 start); NSAC Subcommittee on Implementation of 2002 Long Range Plan, March-June, 2005; Executive Committee, Division of Nuclear Physics, 2004-6; External Review Committee of Wayne State University Physics Department, February, 2005; NSAC (Nuclear Science Advisory Committee), 2004-present; NSAC Subcommittee on Categorizing Future Facilities, February, 2003; Editorial Committee, Annual Reviews of Nuclear and Particle Science, 2002-2007; Member, U.S Nuclear Physics Long Range Plan Working Group, 2001; Fellowship Committee, Division of Nuclear Physics, 2001-2; Member, U.S Nuclear Physics Long Range Plan Working Group, 1995; Co-convenor, Heavy Ion Town Meeting, January 1995; Program Committee, Division of Nuclear Physics, 1994-6; AGS Users Executive Committee (1991-3); Nuclear Physics representative to ESNet Steering Committee, (1990-93); Divisional Associate Editor for Nuclear Physics for *Physical Review Letters*, 1996-9; Nuclear Physics Program

Representative to the ESnet Steering Committee (1993-94); Technical Review Committee for BNL Experiment #896, 1992; Member, 23 various International Advisory Committees, 1995-present. Research Interests and Activities: Experimental relativistic heavy ion physics, proton-nucleus collisions, spin structure of the nucleon. Spokesperson, PHENIX Experiment at RHIC, 1997-2006; PHENIX Institutional Board, 1993-1997; PHENIX Executive Council, 1995-present; PHENIX Detector Council, 1992-1995; Co-spokesman, BNL AGS Experiment #859; Participant, BNL AGS Experiment #866; Participant, BNL AGS Experiment #910; Participant, CERN ISR Experiment R807.

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, 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, Jülich, 1992–. DOE Users Review Panel, 1983; NSAC Subcommittee on Computers and Computing, 1984–85; Bates Program Advisory Committee, 1985–89, 1998–; 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. Editorial Board of *Physical Review C*, 1978–79, 1987–88; Editorial Board of *Few Body Systems*, 1986–91, 1992–97, 1998–; Associate Editor of *Physical Review C*, 1988–92, 1993–97, 1998–2002; Editor of *Physical Review C*, 2002–. 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. DNP Secretary-Treasurer, 1995–. Research interests: few-body systems, hypernuclei, electromagnetic interactions in nuclei, meson interactions with nuclei, parity nonconservation in nuclear systems, hadron structure.

NOMINATIONS FOR EXECUTIVE COMMITTEE

John R. Arrington — Physicist, Physics Division, Argonne National Laboratory, 2001-present. Postdoctoral Research Associate, Argonne, 1998-2000. Ph.D., Physics, Caltech, 1998. B.S., Applied Mathematics, Engineering, and Physics, University of Wisconsin, 1990. AWARDS: Presidential Early Career Award for Scientists and Engineers (PECASE), 2005. U.S. DOE Office of Science Early Career Scientist and Engineering Award, 2005. DNP Dissertation award in Nuclear Physics, 2000. NSF Graduate Research Fellowship, 1991. SERVICE: Chair of the Jefferson Lab Hall A Coordinating Committee, 2006. Argonne Laboratory Outreach Initiative, 2005-present, Jefferson Lab Users' Group Board of Directors, 2004-2006. Editorial Board for Jefferson Lab 12 GeV CDR, 2004. Local organizing committee for the DNP fall meeting, 2004. Jefferson Lab Hall C Steering Committee, 2003. Non-oscillation Physics Working Group for the Fermilab Proton Driver Study, 2001. RESEARCH: Experimental hadronic physics at Jefferson Lab, MIT-Bates, SLAC, HERA, Fermilab, and BINP (Novosibirsk). Main research areas include nucleon structure (most recently electromagnetic and weak nucleon form factors with two-photon exchange corrections), and the short-range structure of nuclei

(including short-range correlations and the effect of partonic degrees of freedom in nuclei).

Abhay Deshpande — Assistant Professor of Physics, SUNY at Stony Brook (2004-Present); SBU-RBRC-Joint University Fellow (2004-Present); RIKEN BNL Research Center Experimental Fellow (2000-2004); Junior Research Associate and Post Doctoral Fellow, Yale University (1995-2000); Ph.D. Yale University (1994); M.Sc. Indian Institute of Technology, Kanpur, India (1987); B.Sc. University of Bombay, India (1985); Meritorious Faculty award, Stony Brook U., (2005); Stony Brook Physics Departmental Senator (2006-2008); Chair Elect BNL's RHIC/AGS User's Executive Council (2007); Member RHIC/AGS user's executive council (2006-2009); Scientific and program advisory committees of international symposia and meetings such as: PANIC, SPIN Symposium, Spin & Symmetries at Praha (2004-present); Co-Spokesperson for the Electron Ion Collider Collaboration (2007-present); Member, APS/DNP Program Committee (2006-2008), NSAC Long Range Planning Committee (2006-present); PHENIX Collaborator since 2000, PHENIX executive council member (2006-Present); Spin Muon Collaboration (1994-2000); Research experience & interests: Rare Kaon decays at AGS/BNL (1991-19994); Nucleon spin structure studies at CERN (1994-1999), QCD and electroweak physics at DESY using HERA (1998-2002), Nucleon Spin structure using polarized proton collisions with RHIC (2000-Present); Future: Precision study and comprehensive understanding of QCD and the nucleon structure including its spin employing high energy polarized deep inelastic scattering.

Latifa Elouadrhiri — Staff Scientist at the Thomas Jefferson National Accelerator Facility, 2001-present, Project manager for the Hall B 12 GeV Upgrade 2005-present, joint staff position Jefferson Lab/Christopher Newport University, 1994-2001. Postdoctoral fellow, University of Massachusetts Amherst, 1992-1994. Ph.D., Physics, University of Blaise Pascal Clermont-Ferrand, 1992. Award, position at CNRS (National scientific Research Center of France "Chargee de Recherche Premièere Classe au CNRS". Performed experiments at Saclay (France) and PSI (Switzerland) in addition to Jefferson Lab. Spokesperson on several experiments to study Generalized Parton Distributions (GPDs) with the CEBAF Large Acceptance Spectrometer (CLAS) in Hall B at Jefferson Lab. Local organizing committee of the International conference on Excited Nucleons and Hadronic Structure (NSTAR 2000), Editor of its proceeding; Local organizing committee of the 9th international conference on the structure of Baryons (BARYONS 2002); Local organizing committee of DNP 2007; Chair and organizer of several National and International workshops and sessions on the study of Generalized Parton Distributions; chair and organizer of several workshops and sessions on the study of excited nucleons and hadronic structure. Research interest: Study of "Nucleon-Tomography" via measurements of Deeply Exclusive Processes using polarized electron beams and polarized targets.

Geoffrey L. Greene — Professor of Physics, University of Tennessee (Joint faculty Appointment with Oak Ridge National Laboratory) 2002-present; Deputy Director for Science, Los Alamos Neutron Science Center 1999-2002; Group Leader, Los Alamos National Lab 1995-2002; Staff Member, National Institute of Standards and Technology, 1983-1995; Assistant Professor, Yale University 1981-1983; Visiting Scientist, Institut Laue Langevin, 1977-1980; Ph.D, Harvard University 1977; B.A., Swarthmore College, 1971. Alfred P. Sloan Foundation Fellow, 1983; Fellow of the American Physical Society 1995; Chair APS Topical Group on Precision Measurements and Fundamental Constants 1997; Fellow of the Institute of Physics (UK) 2001. Project manager for the Spallation Neutron Source Fundamental Neutron Physics Beamline (FNPB) Line 2003-present; Scientific Director for the SNS FNPB, 2004-present. Research Interests: Tests of fundamental symmetries in simple nuclear systems, Precision measurements with low energy neutrons, measurement of fundamental constants, neutron interferometry. Current experimental activities; Measurement of the

neutron lifetime, Search for a neutron electric dipole moment, measurement of parity violation in n-p capture.

Edward P. Hartouni — N-Division Leader, Lawrence Livermore National Laboratory (2001 – present); Radiation Detection Center Director, Lawrence Livermore National Laboratory (2006 – present); Lecturer, Department of Physics and Astronomy, University of Massachusetts, Amherst (1994-1995); Assistant Professor, Department of Physics and Astronomy, University of Massachusetts, Amherst (1986-1994); Postdoctoral Research Fellow, Department of Physics and Astronomy, University of Massachusetts, Amherst (1984-1986); Ph.D. in Physics, Columbia University (1984), M.Sc. in Physics, Columbia University (1979); M.A. in Physics, Columbia University (1978); B.A. in Physics, University of California, Berkeley (1976). NSAC Long Range Planning Committee (2006-present); Co-convenor, Applications Town Meeting (2007); NSAC Rare-Isotope Beam Task Force (2007); NSAC Subcommittee on Implementation of 2002 Long Range Plan, (2005); LANSCE Advisory Board (2004 – present). Research Interests and Activities: Experimental high energy physics, diffractive production, particle spectroscopy, hyperon polarization, heavy ion collisions, neutrino physics, instrumentation, high-speed electronics. Co-spokesperson of: FNAL E907, BNL E955, BNL E943, BNL E933; collaborator on: PHENIX, MINOS, BNL E920, BNL E910, CERN RD-21, FNAL E690, BNL E766, FNAL E87a.

Allena K. Opper — Associate Professor of Physics, The George Washington University (2005 – present); Assistant (1995 – 2001) and Associate (2001 – 2005) Professor, Ohio University; Jefferson Lab Sabbatical Fellow (2003 – 2004); Postdoctoral Research Associate, University of Alberta (1991 – 1995), PhD Indiana University (1991); BSc Colorado School of Mines (1983). Program Advisory Committee, COSY (2008 – 2010); National Advisory Committee, INT University of Washington (2008 – 2010); Executive Committee of the APS Few Body Topical Group (2008- 2010); Co-organizer 2008 NNPSS; Organizing Committee for the Town Meeting on Neutrinos, Neutrons, and Fundamental Symmetries for the NSAC LRP (2006-2007); Grant Selection Committee for Subatomic Physics, Natural Sciences and Engineering Research Council of Canada (2004 – 2007); Steering Committee of the National Nuclear Physics Summer School (2004 – 2007); JLab Hall C Steering Committee (2005 – 2006, chair 2006); NSF Review Panel for Intermediate Energy Physics (chair 2004, 2001); APS member since 1983. Collaborating on Qweak (JLab 2002 – present) and Neutron Spin Rotation (NIST Gaithersburg, 2006 – present). Interests: exploitation of polarization phenomena and fundamental symmetries to investigate manifestations of quark effects, the substructure of the nucleon, and tests of the Standard Model.

Krishna Rajagopal — Professor of Physics, MIT (2005-present); Associate Professor of Physics with tenure, MIT (2001-2005); Class of 1958 Career Development Assistant Professor of Physics, MIT (1998-2001); Assistant Professor of Physics, MIT (1997-1998); Sherman Fairchild Senior Research Fellow, Caltech (1996-1997); Junior Fellow, Harvard University Society of Fellows (1993-1996); Ph.D. Princeton University (1993); B.Sc. Queens University, Kingston, Canada (1988); Fellow of the American Physical Society (2004); Buechner Prize for Excellence in Teaching, MIT Department of Physics (1999); Department of Energy Outstanding Junior Investigator (1998-2001); Alfred P. Sloan Research Fellow (1998-2001); Steering Committee for Nuclear Physics Long Range Plan Town Meeting (2007); Nuclear Science Advisory Committee Subcommittee on Nuclear Theory (2003); Institute for Nuclear Theory National Advisory Committee (2004-2007); PANIC Plenary Speaker Advisory Committee (2005); Brookhaven Science Associates Review of Brookhaven High Energy and Nuclear Physics (2003); Organizer of programs at the Institute for Nuclear Theory (2000), the Institute for Theoretical Physics, Santa Barbara (2002) and the Aspen Center for Physics (1999); Research Experience and Interests: The chiral phase transition in QCD: critical phenomena and long wavelength disorientations of the chiral condensate (1993-2001); Electroweak baryon number violating

processes (1994-1998); Color superconducting quark matter in QCD and perhaps in neutron star cores (1997-future); Color-flavor locking in asymptotically dense quark matter (1998-future); Rigid crystalline phases of color superconducting quark matter and pulsar glitches (2001-future); Event-by-event fluctuations in heavy ion collisions and the QCD critical point (1998-future); Probing the properties of quark-gluon plasma, for example via jet quenching (2005-future); Using AdS/CFT techniques to understand properties of strongly coupled plasmas and relating the insights gained in this way to measurements that can be made in heavy ion collisions (2006-future); Finding further examples of properties shared by strongly coupled nearly scale-invariant fluids, ranging from gauge theory plasmas to unitary gases of ultracold fermionic atoms (future).

Alan H. Wuosmaa — Professor of Physics, Western Michigan University, 2005-present; Associate Professor of Physics, Western Michigan University 2002-2005; Physicist, Physics Division Argonne National Laboratory 1997-2002; Assistant Physicist, Argonne National Laboratory 1992-1997; Enrico Fermi Fellow, Argonne National Laboratory 1991-1992; Post-doctoral associate, Argonne National Laboratory 1989-1991; Post-doctoral associate, University of Pennsylvania 1988-1989. Ph. D. Nuclear Physics, University of Pennsylvania 1988; B. A. Physics, University of Pennsylvania 1983. Professional services: Secretary and Western Michigan University Representative to Central States Universities Incorporated 2006-Present; Member ATLAS User Executive Committee 2002-2006 (Chair 2002-2005), Member International Advisory Committee for the conference on “Nuclei at the Limits 2004”, Argonne National Laboratory 2004; Convener for session on experimental equipment at the “RIA Facility Workshop” MSU NSCL 2004; Member Michigan State University NSCL User Executive Committee 1999-2002; Member ATLAS Program Advisory Committee 2001-2005; Co-spokesperson APEX experiment, Argonne National Laboratory 1996-1999; Member, Organizing Committee for the “Joint US-Japan Symposium on Nuclear Clusters” Oahu, Hawaii 1995. Research interests: Structure of exotic light nuclei studied with nucleon transfer reactions using unstable beams; cluster structure of light nuclei; development of new instrumentation for charged-particle spectroscopy (the HELIOS device at Argonne National Laboratory).

20. FUTURE CONFERENCES

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

“Nuclear Structure 2008 (NS2008)”

3 – 6 June 2008

NSCL/MSU, East Lansing, MI

Organizers: Paul Mantica, Krzysztof Starosta, and Dirk Weisshaar

Email: ns2008@nscl.msu.edu

<http://meetings.nsl.msu.edu/ns2008/>

“Nuclear Chemistry Gordon Research Conference on Nuclear Reactions”

15 – 20 June, 2008

Colby-Sawyer College, New London, NH

Chair: Betty Tsang

Email: tsang@nscl.msu.edu

<http://grc.org/programs.aspx?year=2008&program=nuchem>

“18th International Symposium on Spin Physics (SPIN2008)”

6 – 11 October 2008, University of Virginia

Contact: Donal Day

Email: dbd@virginia.edu

<http://faculty.virginia.edu/SPIN2008>

“18th Particle And Nuclei International Conference” (PANIC 08)

9 – 14 November 2008, Eilat, Israel

Chair: Itzhak Tserruya

Email: panic08@weizmann.ac.il

Phone: 972-8-9343835

Fax: 972-8-9344172

<http://www.weizmann.ac.il/conferences/panic08/>

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Proposed DNP Mentoring Award

April 2007

DNP proposes to establish a “DNP Mentoring Award” to recognize and encourage those DNP 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. This award will be given by the DNP as a unit award.

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.

The award will consist of a certificate indicating the citation chosen by the selection committee. If the recipient requests reimbursement for travel to the meeting where the award is presented, this will be covered by the DNP.

Nominations will be due February 1 of each year with the resulting award to be given at the annual DNP Fall meeting of the same year. 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. No more than two recipients can be selected in a given year.

The selection committee will consist of the DNP Past-Chair, the Chair of the Ad Hoc DNP Education Committee (or an alternative member chosen by the DNP Chair should there be no Ad Hoc Education Committee), the most recent recipient of the award, and two members selected by the DNP Executive Committee. (For the first award, three members would be selected by the Executive Committee). The DNP Past-Chair will serve as the chair of the selection committee. The DNP Executive Committee would approve the candidate.

Nominations will 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.