

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

#### Future Deadlines



- **12 January 2007** — Abstract deadline for spring meeting
- **19 January 2007** — DNP Election Ballot
- **23 February 2007** — Early registration for spring meeting
- **14 March 2007** — Housing deadline for spring meeting
- **1 April 2007** — 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 2007

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 Jacksonville, 14-17 April 2007. Richard G. Milner will become Chair, Richard F. Casten will become Chair-Elect, and Susan J. Seestrom will become Past-Chair. A. Baha Balantekin is the Divisional Councilor through 2009. Jolie A. Cizewski, Cynthia E. Keppel, and Steven E. Vigdor 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 2007. Executive Committee member terms are two years.

This year's Nominating Committee consists of K. de Jager (Chair), A. Hime, A. C. Mignerey (Vice Chair), D. J. Dean, and D. R. Phillips. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

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

Lawrence (Larry) Cardman  
Kevin T. Lesko

##### Secretary-Treasurer:

Benjamin F. Gibson

##### Executive Committee (three positions):

Haiyan Gao  
Krishna S. Kumar  
Michael J. Ramsey-Musolf  
Thomas Glasmacher  
Richard J. Furnstahl  
James (Jamie) Nagle

Candidate biographies are included in this newsletter (item #18).

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 19 January 2007.

As a DNP member, please exercise your right to vote in the DNP election. Typically only some 600+ election ballots have been mailed in by members. Your vote does count. It is important. DNP elections have been decided by fewer than 5 votes.

#### 2. ACKNOWLEDGE YOUR SPONSORING AGENCY

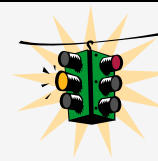
Given the importance of agency sponsorship in making nuclear physics research possible, it is urged that DNP members acknowledge their agency sponsors in any talk or publication which they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

#### 3. SESSION CHAIRS FOR THE JACKSONVILLE, FL, APRIL 2007 APS SPRING MEETING

The APS/DNP Spring Meeting will be in Jacksonville, FL. Those who are willing to chair a session should please send an email message to Richard Milner (milner@mit.edu) indicating: 1) willingness to serve and 2) areas of expertise which might be of interest. The information is needed by 8 January. Nominations of younger colleagues who will attend the meeting are welcome.

#### INSIDE . . .

- Prizes and Awards
- Future Meeting Dates
- Spring Meeting Previewed
- Fellow Nominations
- Boy Scout Merit Badge



#### 4. 2006 DNP DISTINGUISHED SERVICE AWARD WINNER

The 2006 winner of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award, Noemie Benczer Koller, was announced at the DNP Business Meeting in Nashville. The citation reads:

*For her sustained and exceptional contributions to the Division of Nuclear Physics and to the American Physical Society on behalf of the Division, for her creative promotion of education and the climate for women in nuclear science, and for her vigorous effort to develop the Division's initial Nuclear Physics brochure and to fund the Bonner Prize.*

Congratulations are due to Noemie. She has provided significant service to the Division which has benefited every member.

## 5. 2007 BONNER PRIZE WINNER

Stuart J. Freedman of the University of California, Berkeley and Lawrence Berkeley National Laboratory was named winner of the APS 2007 Tom W. Bonner Prize in nuclear physics. The citation reads:

*For his contributions to Neutrino Physics and the study of Weak Interactions, in particular for his leading role in the KAMLAND experiment, as well as for his work on precision measurements on the beta decay of the neutron.*

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

## 6. 2007 BETHE PRIZE WINNER

James R. Wilson of Lawrence Livermore National Laboratory was named the winner of the APS 2007 Hans A. Bethe Prize. The citation reads:

*For his work in nuclear astrophysics and numerical work on supernovae core collapse, neutrino transport, and shock propagation. His codes re-energized supernovae shocks, launched numerical relativity and magnetically driven jets.*

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

## 7. 2007 DISSERTATION AWARD WINNERS

Kathryn K. S. Miknaitis of the University of Washington and Magdalena Djordjevic have been named the winners of the 2007 Nuclear Physics Dissertation Award for their thesis work. Dr. Miknaitis worked under the direction of John F. Wilkerson and Dr. Djordjevic under the direction of Miklos Gyulassy.

The citation for Dr. Miknaitis reads:

*For her dissertation describing a search for change in the flavor composition of neutrinos that traverse the earth by means of analysis of salt-phase data from the Sudbury Neutrino Observatory to identify day-night variations in the rate of neutrino interactions.*

The citation for Dr. Djordjevic reads:

*For her dissertation presenting a theoretical treatment of heavy quark energy loss in a strongly interacting quark gluon plasma in which the gluon radiative energy loss was solved to all orders in opacity.*

Please go to [www.aps.org](http://www.aps.org) and click on *Prizes and Awards* for additional information.

## 8. FUTURE DNP FALL MEETINGS

2007	October 10-13	Newport News, VA
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The dates include the Wednesday “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.

## 9. FUTURE APS SPRING MEETING INFORMATION

2007	April 14 – 17	Jacksonville, FL
2008	April 12 – 15	St. Louis, MO
2009	May 2-5	Denver, CO

The 2005 APS Spring Meeting will move to Dallas, TX. Any comments/suggestions should be sent to APS Meetings Manager, Donna Baudrau ([baudrau@aps.org](mailto:baudrau@aps.org)).

## 10. APS MEETING IN JACKSONVILLE, FL, 14 – 17 APRIL 2007

The 2007 April Meeting of the APS will be held in Jacksonville, FL, at the Hyatt Regency Riverfront Hotel. Participating APS units will include the Divisions of Nuclear Physics, Particles and Fields, Astrophysics, Physics of Beams, and Plasma Physics. Forums represented will include Physics and Society, Education, Int'l. Affairs, Graduate Student Physics, and History of Physics. The program will consist of three plenary sessions, some 75 invited paper sessions, and more than 100 contributed paper sessions. Plenary sessions can be found by checking the APS Home Page ([www.aps.org](http://www.aps.org)) under “Meetings, “April Meeting”. For 2007 there will again be 4 session per day with a lunch break. The sessions will be long enough for only 3 invited talks. The early registration deadline is 23 February and the hotel deadline is 14 March.

## 11. APRIL 2007 MEETING STUDENT TRAVEL AWARDS, B. M. Sherrill

The DNP is pleased to offer a limited number of travel grants to encourage students to participate in April 2007. 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 Jan. 12th 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.

## 12. DNP APRIL 2007 MEETING PROGRAM

The DNP Program Committee, under the leadership of Program Committee Chair Richard Milner, has completed its planning activity for the DNP component of the APS April Meeting (14-17 April) in Jacksonville. 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.

A number of joint sessions have been organized with other APS units. Included are a DNP/DAP session on “Nucleosynthesis of Light Nuclei”, a DPF/DNP session on “Frontiers of QCD”, a FPS/DNP session on “Nuclear Energy”, a DNP/FPS session on “Detection of Dangerous Materials”, two DPF/DNP sessions on “Neutrinos”, a DNP/DPP session on “Extreme Plasma Phenomena”, and a DPB/DNP session on “Beam Cooling”. In addition, there will be a stand alone DPF session on Neutrinos.

DNP invited sessions will be focused on Monday and Tuesday, in an attempt to avoid competition from a number of popular joint sessions. Sessions organized by the DNP Program Committee include:

Solving QCD on the Lattice  
From Valence to Glue: current status and future directions  
Nuclear Structure  
Topics in Nuclear Physics  
Prize Session  
NSAC LRP

The "Topic" session will include talks by the two Nuclear Physics Dissertation Award winners. The Nuclear Physics Prize Session will include talks by the Bonner Prize and Bethe Prize winners along with the first of four White Paper presentations from the NSAC Long Range Plan Town Meetings. That session will be followed by a session containing the three remaining White Paper presentations. The DNP Business/Town Meeting will then complete the afternoon.

DNP Program Committee members are involved in organizing four mini-symposia in Jacksonville. 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 poster session and any additional abstract by the same lead author will not be included in the program.**

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 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 Nuclear Astrophysics with Transfer Reactions (C. Brune)
- E14b. Mini-Symposium on Quark Matter Strings and Dual Black Holes (V. Greene and W. Zajtseva)
- E14c. Mini-Symposium on Heavy Quarks and Quarkonia in High Energy Heavy Ion Collisions (V. Greene)
- E14d. Mini-Symposium on Gamma Ray Spectroscopy at the Limits (M. Riley)

### 13. 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 (APR06) is January 12, 2007 at 5:00 p.m. EST. You are strongly urged to proof your abstract before submission.

Note: APS members are entitled to one oral contributed abstract. A second abstract by the same lead author will be assigned to a poster session.

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 APR07 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](mailto:abs-help@aps.org).

### 14. NATIONAL NUCLEAR PHYSICS SUMMER SCHOOL PLANNING (NNPSS), Krishna Kumar, departing Chair and David Dean, incoming Chair

The NNPSS, which began in 1988, and typically has about 40 participants per year, is an essential educational component for a large fraction of the nuclear physics Ph.D. students in the U.S.A. Besides strengthening them technically, the NNPSS exposes students to the wide variety of topics in nuclear physics, as well as introducing them to their future peers and the leaders of the field. The unifying effects of the NNPSS benefit nuclear physics as a whole, and these effects are enhanced by the ongoing rotation of host institutions, lecturers, and NNPSS Committee members. Besides its continued popularity with students, advisors, and lecturers, the importance of the NNPSS is highlighted by the long-term financial support from the NSF, administrative support from the INT, and the endorsement and oversight by the DNP. Winston Roberts ([wroberts@fsu.edu](mailto:wroberts@fsu.edu)) is organizing the 2007 NNPSS which will take place at Florida State University during 8-21 July 2007. The NNPSS Committee is now seeking proposals for hosting NNPSS 2008; please contact David Dean [deandj@ornl.gov](mailto:deandj@ornl.gov) for further information.

### 15. NOMINATIONS FOR APS FELLOWSHIP

The procedure for the election of a Member to Fellowship is outlined in the Membership Directory of the APS under "Constitution and Bylaws," or can be found under Fellowships on the APS Home Page. A nomination form, which cites the principal contributions of the candidates to physics, should be prepared and signed by two members of the society. The total number of members who could be elected to Fellowship in a given year is one half of one percent of the total APS membership.

The DNP deadline is 1 April. Nomination forms are available from the APS Home Page or can be obtained by sending an e-mail message to "fellowship@aps.org" or by calling (301) 209-3286. Completed forms should be returned to Dr. J. Franz at the same address. Information can also be found on the APS home page (<http://www.aps.org>); click on the word "fellowship". The nomination form can also be downloaded.

The 2007 DNP Fellowship Committee is comprised of B. M. Sherrill (Chair), E. J. Beise, J-C. Peng, S. J. Yenello, and G. R. Young. The Fellowship Committee reviews the nominations for APS Fellowship referred to the DNP and recommends a slate of candidates, which is forwarded to the APS Fellowship Committee and then to the APS Council for approval. Nominations remain active for two years.

It is particularly important for nominators to ensure that the cases that they prepare for the Fellowship Committee are well documented. In addition to that requested on the nomination form, information such as lists of invited talks, awards, professional activities, committee services, and participation in organization of conferences is very helpful. Inclusion of a complete publication list is highly recommended.

The DNP has adopted the following Fellowship Criteria Guidelines. To be chosen as a Fellow, an APS member should have a record of excellence in research that has been sustained over several years, and have completed at least one major, original work that has influenced his/her specialty in a significant way. The APS requires membership for at least the prior year.

The list of APS Fellows (by APS subunit) elected in a given year appears on the APS Home Page in December and is published in the March issue of *APS News*. The names of newly elected DNP Fellows are published in the February Newsletter and the awards are presented at the DNP Business meeting of the Spring APS meeting.

## 16. NOMINATIONS 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 28 February 2007 for the award to be given during the 2007 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:

Susan J. Seestrom  
ADEPS, Los Alamos National Lab.  
P.O. Box 1663, MS – A106  
Los Alamos, NM 87545  
phone: 505-665-4454  
fax: 505-665-1293

## 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](mailto: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. CANDIDATE BIOGRAPHIES

### NOMINATIONS FOR VICE-CHAIR

**Lawrence (Larry) Cardman** — Associate Director for Physics at the Thomas Jefferson National Accelerator Facility (Jefferson Lab) and Professor, University of Virginia. Education: B.A. (1966) and Ph.D. (1972) from Yale University. Positions held: Instructor, Yale University (1971-1972); Research Associate, Yale University (1972); NAS-NRC postdoctoral research fellow, U. S. National Bureau of Standards (1972-1973); Assistant Professor, Associate Professor, and full Professor, University of Illinois at Urbana-Champaign (1973-1978; 1978-1982; 1982-1995, respectively); Deputy Associate Director for Physics, Jefferson Lab (1993-1997); Associate Director for Physics, Jefferson Lab (1997-present); Professor, University of Virginia (2002-present); visiting scientist at Centre d'Etudes Nucleaires Saclay in France (1980-81) and at Jefferson Lab (1989-90); principal investigator on the NSF grant supporting the University of Illinois' Nuclear Physics Laboratory (1981-90 and 1992-93). Fellow of the American Physical Society (1986) and member of Sigma Xi. Facility Advisory Boards: SURA/CEBAF National Advisory Board (1982-1990); Triangle University Meson Facility, Canada (1993-94); Saskatchewan Accelerator Laboratory (1994-2000); Institute for Accelerating Systems and Applications, Athens, Greece (chair, 1994-present); Indiana University Cyclotron Facility (1999-2002); Institut für Kernphysik, Jülich, Germany (2000-03); Argonne National Laboratory Physics Division (2000-present); Center for the Study of the Origin and Structure of Matter, Hampton Univ. (2002-present); DAPNIA Scientific Advisory Committee, C.E.N. Saclay, France (2004-present). Program Advisory Committees: MIT/Bates Linear Accelerator Center (1984-87); IUCF (chair, 1991-94). DOE/NSF Nuclear Science Advisory Committee: Instrumentation Subcommittee (1979, and 1982-83); Subcommittee on Computers and Computing (1984-85); NSAC Committee Member (1993-96); Interim Long Range Plan Committees (1994); Long Range Plan Working Group (1995-96, and 2001-02); Subcommittee on Low Energy Nuclear Physics (2001); Subcommittee on Performance Measures (2003). APS/DNP: Program Committee (1985-87) and Executive Committee (1991-93). Research interests: QCD in the confinement regime, including hadron structure and the understanding of the QCD basis for both nuclear structure and the N-N

force; the limits of precision of our understanding of the electromagnetic interaction between relativistic electrons and nuclei; accelerator technology, polarized electron sources, and magnetic spectrometers.

**Kevin T. Lesko** — Senior Physicist, Berkeley Lab. Positions held: Post Doctoral Fellow Argonne National Lab (1983 - 1985); Post Doctoral Fellow Berkeley Lab (1985 - 1987); Staff Physicist Berkeley Lab (1987 - 2001); Senior Physicist Berkeley Lab (2001 - present); Research Physicist UC Berkeley Physics Department (2005 - present). Education: B.S. Physics Stanford University 1978; Ph.D. Experimental Nuclear Physics University of Washington 1983. Awards: Fellow, American Physical Society; JSPS Fellowship 2003; Berkeley Lab Outstanding Performance Awards 1993, 1999, 2000, 2003. Chair Sudbury Neutrino Observatory Management Board (2002-2003); KamLAND Executive Committee (1999-2003); SNO Management Board (1996 - present); Majorana Management Executive Committee (2003 - present); Spokesman Homestake Scientific Collaboration (2003 - present). APS/DNP: DNP Executive Committee (2004 - 2006), Chair DNP Homepage Committee (2004 - 2006); DNP Nominating Committee (2001, 1996 - 1997); Chair DNP Nominating Committee (1997); DNP Program Committee (1998 - 1999, 1994 - 1995); Chair Local Committee DNP Fall Meeting (1999); Convenor and Local Committee Chair Town Meetings (2000); DNP Public Relations Committee (1998 - 2000); DNP Physics News Committee (1994). Research interests: Neutrino Physics (solar neutrinos, reactor neutrinos, neutrinoless double beta decay), Underground Science including DUSEL, and Nuclear Astrophysics.

#### *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*

**Haiyan Gao** — Associate Professor, Duke University. Education: B.S. with special and highest honors, Tsinghua University, Beijing, China

(1988); Ph.D. California Institute of Technology (1994). Positions held: Postdoctoral Research Associate, University of Illinois, Urbana-Champaign (1994-1996); Assistant Physicist, Argonne National Laboratory (1996-1997); Assistant Professor, MIT (1997-2002), Associate Professor, MIT (2002-2004); Associate Professor, Duke University (2002-present); Associate Chair, Department of Physics, Duke University (2006-present); Visiting Associate Professor, MIT (2004-present). Awards: Recipient, OJI Award, U.S. Department of Energy (2000); Outstanding Overseas Young Scholar Collaborative Award, China National Science Foundation (2005); International Collaboration Team Award, Chinese Academy of Science (2005). APS/DNP: DNP Program Committee (2004-2005); DNP Dissertation Award Committee (2003-2004). Advisory Boards: Advisory Committee, Institute of Nuclear Theory (2005-2007); Nuclear Physics Division Coordinator, Overseas Chinese Physics Association (OCPA) (2001-present); Committee on the Status of Women in Physics, OCPA (2004-2006); Jefferson Lab Users Group Board of Directors (2000-2002); Vice-Chair, Bates Users Group Board of Directors (2000-2001); Chair, Bates Users Group Board of Directors (2001-present); Fellowship Committee, SURA/Jefferson Lab (2002); Chair, Nominating Committee, Jefferson Lab Users Group (2002); Editorial Board, Jefferson Lab 12 GeV Upgrade pCDR and CDR. Co-chair, 5th International Workshop on Chiral Dynamics, 2006; Organizer, Nuclear Physics sessions, International Conference on Physics Education and Frontier Research, 2004 and 2006; Scientific Program Committee, the Second Asian Pacific Conference on Few-Body Problems in Physics, 2002. Research interests: the structure of the nucleon, exclusive nucleon and nuclear processes at high energies, fundamental symmetry studies, and the development of polarized gas targets.

**Krishna S. Kumar** — Professor of Physics, University of Massachusetts. Education: M.Sc. Physics, IIT Mumbai, 1984; Ph.D. Physics, Syracuse University, 1990. Positions held: Postdoctoral Research Associate, Harvard University, 1990-93; Assistant Professor, Princeton University, 1993-99; Associate Professor, UMass, Amherst, 1999-2004; Professor of Physics, University of Massachusetts, Amherst, 2004 – present. Awards: 1990 Peter Demos Award; 1995 DOE OJI Award; 2005 Fellow, APS. Recent Research Activities: Principal Spokesperson, SLAC E158 Experiment; Co-spokesperson, Jefferson Laboratory HAPPEX-II Experiment. Advisory Boards: Editor, Symmetries section of Jefferson Lab 12 GeV Upgrade pCDR and CDR. DOE/NSF Nuclear Science Advisory Committee: Member, NSAC, 2001-04; Member, 2002 Long Range Plan Working Group; Member, 2006 NSF Nuclear Physics Funding Panel; Member, 2006 DOE National Laboratory Medium Energy Research Programs Review Panel. Research interests: Low Energy Tests of QCD, Structure of the Nucleon, Low Energy Searches for Physics Beyond the Standard Model.

**Michael J. Ramsey-Musolf** — Professor of Physics, University of Wisconsin-Madison, and Senior Research Associate, Kellogg Radiation Laboratory, Caltech. Education: Ph.D., Princeton University (1989). Positions held: Post-doc, Center for Theoretical Physics, MIT (1989-1992); Assistant Professor of Physics, Old Dominion University, and Staff Scientist, Jefferson Lab Theory Group (1992-1996); Fellow and Research Assistant Professor, Institute for Nuclear Theory (1995-1998); Associate Professor of Physics, University of Connecticut (1997-2004); Senior Research Associate, Caltech (2001-present); Professor of Physics, University of Wisconsin-Madison (August, 2006 to present). Awards: Recipient, DNP Dissertation Award (1990); NSF Young Investigator Award (1993-1998); APS Fellow (2002). APS/DNP: Vice-Chair (1995) and Chair (1996), Bonner Prize Committee; member, DNP Program Committee (1997-1998); member, DNP Dissertation Award Committee (1998-2000); member, DNP Fellowship Committee (2005-2006); member, DNP Nominating Committee (1997-1998). Vice Chair, Gordon Conference in Nuclear Physics (2005); Chair, Gordon Conference in Nuclear Physics (2007); co-organizer, INT programs on weak interactions and physics beyond the Standard Model (1995, 2002, 2008); co-organizer of several INT-JLab workshops; Lecturer, National

Nuclear Physics Summer School (1995, 2000, 2004); lecturer, HUGS program, Jefferson Lab (2001). DOE/NSF Nuclear Science Advisory Committee: Member NSAC (effective December, 2006); member NSAC subcommittee on implementation of the 2002 Long Range Plan (2005); member, NSAC subcommittee on fundamental neutron physics (2003); Co-chair, Long Range Plan Town Meeting on Neutrinos, Neutrons, and Fundamental Symmetries (2006-2007); Co-chair, Long Range Plan Town Meeting on Fundamental Symmetries (2001-2002); DOE OJI panel member (2005); DOE double beta decay review panel (2006). Research interests: Low energy phenomenology of physics beyond the Standard Model, symmetry tests in nuclei, applications of effective field theories to weak interactions, neutrino properties and interactions, hadron structure and QCD. Ordained Episcopal priest and non-stipendiary clergy staff member, All Saints Church/Iglesia Episcopal de Todos los Santos, Los Angeles (2001-present).

**Thomas Glasmacher** — Professor, Department of Physics and Astronomy and NSCL and Associate Director for Operations, NSCL, Michigan State University. Education: Ph.D. Florida State University, 1992. Positions held: Post Doctoral Fellow, NSCL, 1992-1995; Assistant Professor, 1995-1999; Professor, Department of Physics and Astronomy and NSCL and Associate Director for Operations, NSCL, Michigan State University, 2003-present. Awards: APS Fellow, 2006; Co-recipient Sackler Prize for Physical Sciences, 2006; MSU Lilly Endowment Teaching Fellow, 1997-1998; Fulbright Scholar, 1989-1990. DOE/NSF Nuclear Science Advisory Committee: Member, NSAC, 2004-present; Member, NSAC Subcommittee to review the US Heavy-Ion Physics Program, 2004; Member, NSAC Subcommittee of Visitors to DOE, 2003; Presenter, NSAC Major Facilities Subcommittee, 2003; Member, NSAC Long Rang Plan for Nuclear Physics Writing Group, 2001; Member, DOE Steering Committee for the Rare Isotope Accelerator 2000-2001; Member, DOE Steering Committee for the Gamma-Ray Energy Tracking Array, 1998-2004; Member, DOE Steering Committee for the U.S. Nuclear Data Effort, 1998-2001. Advisory Boards: APS DNP Program Committee, 1999-2000; Webmaster dnp.aps.org and DNP Home Page Committee, 2003-present; AAPT Graduate Education in Physics Area Committee, 1999-2002; Member, ORNL Holifield Radioactive Ion Beam Facility Scientific Policy Committee, 2002-present; Member, LBNL Gretina Advisory Committee, 2004-present; Advisory Editor, Nuclear Instruments and Methods 2003-2006; 17 conference committees. Research Interests: Experiments with and techniques to study short-lived atomic nuclei, development of photon detectors.

**Richard J. Furnstahl** — Professor of Physics, The Ohio State University. Education: B.S. in Physics, MIT, 1981; Ph.D. in Physics, Stanford University, 1986. Positions held: Chester Davis Fellow, Indiana University, 1985-86; Postdoctoral Research Associate and CTP Fellow, University of Maryland, 1987-1990; Assistant Research Scientist, University of Maryland, 1990-91; Assistant Professor, 1991-95, Associate Professor, 1995-2000, Full Professor, 2000-present, The Ohio State University. National honors and awards: A.P. Sloan Foundation Fellow (1992-96), NSF National Young Investigator (1992-98), Fellow APS (2001). Ohio State awards: Alumni Award for

Distinguished Teaching (1997), John and Ruth Mount Award (2004), Harlan Hatcher Memorial Award for Excellence (2005). Service activities: IUCF Program Advisory Committee (1992-5); Institute for Nuclear Theory National Advisory Committee (1999-2001); APS Maria Goeppert-Mayer Award Committee (1993-95, chair), Research at an Undergraduate Institution Award Committee (1996-98, chair); APS/DNP Education Committee (1997-2001), ad hoc Webpage Committee (2002-present), Nominating Committee (2005); National Nuclear Physics Summer School Committee (2001-05, chair); NSF Committee of Visitors (2003); Editorial Board, Physical Review C. Research interests: Effective field theory and renormalization group methods at finite density and temperature; the nuclear many-body problem and density functional theory; bazaar approach to physics education research.

**Jamie Nagle** — Associate Professor of Physics, University of Colorado at Boulder. Education: B.S., Phi Beta Kappa, Physics major, Political Science minor, M.I.T. 1991; M.S., M.Phil., Ph.D., Yale University 1997. Positions held: Visiting Research Scientist, Niels Bohr Institute 1996; Postdoctoral Research Scientist, Columbia University 1997-1998; Assistant Professor, Columbia University 1998-2002; Assistant Professor, University of Colorado at Boulder, 2003-2005; Associate Professor of Physics, University of Colorado at Boulder, 2005-present. Awards: A. P. Sloan Fellowship; Department of Energy, Division of Nuclear Physics, Outstanding Junior Investigator. Recent Service: High Energy and Nuclear Physics Program Advisory Committee at Brookhaven National Laboratory 2003-present; DNP/NSAC Steering Committee member for the "Phases of Nuclear Matter" Town Meeting and White Paper 2006; Co-Convenor RHIC II New Directions Working Group 2004-2006; Trigger Coordinator Member of Project Management for the PHENIX Experiment 2002-present. Co-Convenor Heavy Flavor Physics Working Group for the PHENIX Experiment 2000-2002. Research Interests: Relativistic heavy ion collisions, QCD phase diagram, quark gluon plasma diagnostics, partonic structure of nucleons and nuclei.

## 21. BSA MERIT BADGE (SEE ENCLOSURE)

## 22. FUTURE CONFERENCES

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

### "23rd International Nuclear Physics Conference (INPC2007),"

3 – 8 June 2007, Tokyo, Japan

Chair: Shoji Nagamiya

Scientific Secretary: Toshimi Suda, RIKEN

Email: toshimi.suda@riken.jp

<http://www.inpc2007.jp>

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