

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

ACCOMPANYING THIS NEWSLETTER:

- A ballot for the DNP Election



Future Deadlines

- **10 January 2003** — Abstract deadline for spring meeting
- **17 January 2003** — DNP Election Ballot
- **7 February 2003** — Early registration for spring meeting
- **25 March 2003** — Housing deadline for spring meeting
- **1 April 2003** — Nominations for Fellowship

HOME PAGE for the DNP: <http://dnp.nsl.msu.edu>

The home page for the Division of Nuclear Physics is now available at "<http://dnp.nsl.msu.edu>." 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 Brad Sherrill at "dnpweb@nsl.msu.edu"

1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2003

The terms of the officers and three members of the current Executive Committee will expire at the close of the regular meeting of the Division to be held in conjunction with the APS general meeting in Philadelphia, 5 – 8 April 2003. A. Baha Balantekin will become Chair, Donald F. Geesaman will become Chair-Elect, and Charles Glashauser will become Past-Chair. Bunny C. Clark is Divisional Councillor. Alejandro Garcia, John C. Hardy, and Willem T. H. Van Oers 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 2003.

This year's Nominating Committee consists of E. Cecil, S. V. Green, R. J. Holt, B. Mueller (Chair), and J. F. Wilkerson (Vice Chair). The candidates selected by the Nominating Committee and approved by the Executive Committee are:

Vice-Chair (one position):

John W. Harris
Bradley M. Sherrill

Secretary-Treasurer:

Benjamin F. Gibson

Executive Committee (three positions):

Calvin R. Howell
Charles F. Maguire
Naomi C. R. Makins
Gail McLaughlin
R. J. (Jerry) Peterson
Xin-Nian Wang

Candidate biographies are included.

The enclosed ballot must be signed and may be returned in the enclosed envelope with your name and address printed or signed legibly in the upper left-hand corner of the envelope. The ballot must be received by Benjamin F. Gibson on or before 17 January 2003 in order to be counted.

As a DNP member, please exercise your right to vote for candidates in the DNP election. Typically only about 800 election ballots are mailed in by members. Your vote counts. It is important. Vice-Chair and Executive Committee races have been decided by fewer than 10 votes.

2. ACKNOWLEDGE YOUR SPONSORING AGENCY

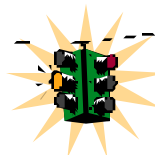
Given the importance of agency sponsorship in making nuclear physics research possible, it is urged that DNP members acknowledge their agency sponsors in any talk or publication which they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

3. SESSION CHAIRS FOR THE PHILADELPHIA, PA, APS SPRING MEETING

The APS/DNP Spring Meeting will be in Philadelphia, PA. Those who are willing to chair a session should please send an email message to Baha Balantekin (DNP Program Chair) indicating: 1) willingness to serve and 2) areas of expertise which might be of interest. The information is needed by 1 January. Nominations of younger colleagues who will attend the meeting are welcome.

INSIDE . . .

- Prizes and Awards
- Future Meeting Dates
- Reports from DNP 2002 at MSU
- Spring Meeting Previewed
- New Abstract Submission Procedure
- Fellow Nominations



4. 2003 BONNER PRIZE WINNER

Arthur Bruce McDonald of Queen's University in Canada has been named the winner of the 2003 Tom W. Bonner Prize in nuclear physics. The citation reads:

For his leadership in resolving the solar neutrino problem with the Sudbury Neutrino Observatory.

Please go to www.aps.org and click on *Prizes and Awards* for additional information.

5. 2003 BETHE PRIZE WINNER

Michael C.F. Wiescher of the University of Notre Dame has been named the winner of the 2003 Hans A. Bethe Prize. The citation reads:

For his contributions to the experimental foundation of nuclear astrophysics, especially the delineation of the processes involved in explosive hydrogen burning in novae and x-ray bursters; and for providing an intellectual bridge between experimental nuclear astrophysicists and their theoretical colleagues.

Please go to www.aps.org and click on *Prizes and Awards* for additional information.

6. 2003 DISSERTATION IN NUCLEAR PHYSICS AWARD WINNER

Karsten Heeger of the University of Washington has been named the winner of the 2002 Dissertation in Nuclear Physics Award for his thesis work under Hamish Robertson. The citation reads:

For his role in the generation and analysis of the data from the Sudbury Neutrino Observatory, and the resulting resolution of the solar neutrino problem.

Please go to www.aps.org and click on *Prizes and Awards* for additional information.

7. FUTURE DNP FALL MEETINGS

2003	Oct. 29 – Nov. 1	Tucson, AZ
2004	Oct. 27 – Oct. 30	Chicago, IL
2005		Maui, HI
2006		Knoxville, TN

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. The Maui meeting was an exception — no workshops but a four-day 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.

8. FUTURE APS SPRING MEETING INFORMATION

2004	May 1 – 4	Denver, CO
2005	April 16 – 19	Tampa, FL

The 2004 APS Spring Meeting will move to Denver, CO. Any comments/ suggestions should be sent to APS Meetings Manager, Donna Baudrau (baudrau@aps.org).

9. REPORT ON THE 2002 DNP FALL MEETING, D. J. MORRISSEY

The annual Fall Meeting of the Division of Nuclear Physics (DNP02) was held at the Kellogg Center on the campus of Michigan State University from Wednesday, October 9th, through Saturday, October 12th. Approximately 600 people registered for the meeting to hear the 376 talks scheduled for the workshops and meeting.

The meeting began with two topical workshops held in parallel on Wednesday. A workshop on “Nuclear Astrophysics at the Limits of Stability” was organized by Michael Wiescher (Notre Dame) and Hendrick Schatz (Michigan State) and featured fourteen speakers with almost 90 registrants. Another workshop entitled “The Future of Gamma-ray Spectroscopy” was organized by R.F. Janssens (Argonne National Lab), I.Y. Lee (Lawrence Berkeley National Lab), and T. Glasmacher (Michigan State) with eleven speakers and approximately sixty registrants. Michigan State University hosted an open house at the National Superconducting Cyclotron Laboratory (NSCL) and the new Biophysical Sciences Building on Wednesday evening. The participants were bused to the science complex and provided with tours and refreshments at both facilities. The attendees particularly enjoyed dessert on the rooftop telescope balcony overlooking the south campus.

The DNP02 meeting itself got off to a great start with the plenary session on Thursday morning organized by Charlie Glashauser (Rutgers). The session, entitled “Exotic Nuclei and Nuclear Exotica” attracted a standing-room only crowd in the Big Ten Room. The Program Committee under the direction of Baha Balantekin provided a very diverse meeting with five sessions of invited talks on “Solar Reactions,” “Nuclear Matter under Extreme Conditions,” “Effective Interactions from N^2 to N^1 ,” “Nucleon Structure and the Quark-Hadron Transition,” and “Low-energy Precision Electroweak Measurements.” The Program Committee also organized six mini-symposia that provided a focused forum for discussing a variety of topics from RHIC physics to nuclear structure and hadron spectroscopy. The balance of the more than 300 abstracts was presented in nineteen sessions that ran in parallel with the invited sessions and mini-symposia from Thursday afternoon until late on Saturday afternoon. Lunches were served for all of the participants in the Big Ten Room at the Kellogg Center, which provided a cordial atmosphere for discussions and networking. Representatives from ten vendors brought advertising displays and provided coffee for breaks during the meeting. *The Physical Review C* and *Physical Review Letters* hosted a separate reception on Thursday afternoon to “meet the editors” that was well attended.

Several events focused on the involvement and encouragement of young women in nuclear physics. A panel discussion was organized by Sherry Yennello (Texas A&M) on Thursday evening, and Bunny Clark (Ohio State) set up an information table with literature and handouts on Friday evening.

Warren Rogers (Westmont College) put together the Conference Experience for Undergraduates (CEU) program again this year. More than seventy undergraduates from around the county participated in the program this year, a number that makes this group among the largest so far. The CEU students had a parallel program with lectures by Elizabeth Beise (Maryland) and David Hertzog (Illinois, Urbana-Champaign), a special poster session on Friday afternoon, and a graduate school information session on Saturday at lunch. The poster session was especially lively this year. Warren Rogers has prepared a web site with photographs of each of the students at their poster (<http://physics.westmont.edu/ceu02/>) and other photographs of the group.

In addition to the scientific sessions and the auxiliary program mentioned above, the business of the DNP was carried out in several committee meetings. The Program Committee, the Publications Committee, the Homepage Committee, the Education Committee, and the Committee on Funding all met and presented reports to the Executive Committee on Thursday night. In addition, the Organizing Committee for the next DNP/JPS joint meeting in Hawaii (2005) met to begin developing plans. The DNP chair, Charles Glashauser, hosted the Business Meeting and Town Meeting on Friday night. Along with comments from representatives of DOE and NSF, Steve Pierson, a professor at Worcester Polytechnic Institute and a policy fellow in the APS Office of Public Affairs this year gave a presentation on how to effectively lobby congress and staffers and a live demonstration of how to use the APS website to prepare issue letters to congress. The information is summarized on the APS webpage "Communicating with Congress" (http://www.aps.org/public_affairs/issues/congress.shtml). The Town Meeting was adjourned for a reception and banquet at the Kellogg Center that was attended by almost half of the people registered for the meeting.

10. DNP02 OUTREACH AND EDUCATION SESSIONS,

B. Clark

The 2002 Fall DNP meeting kept up the Division's commitment to outreach and education. On Friday, Sherry Yennello, Professor of Chemistry and member of the Cyclotron Institute at Texas A&M, organized and moderated a panel discussion on "Opportunities for Women in Nuclear Physics". The panel was composed of leading scientists from colleges, universities, and national laboratories with a combined 130 years of experience in nuclear science and education. The panelists were Ani Aprahamian, Professor of Physics and Director of the Nuclear Structure Laboratory at Notre Dame University, Ruth Howes, George and Frances Ball Distinguished Professor at Ball State University, Catherine Mader, Associate Professor, Hope College, Allena F. Opper, Associate Professor of Physics, Ohio University and Susan Seestrom, Physics Division Leader, Los Alamos National Laboratory. The moderator posed questions such as: "Is it possible to have a career and a personal life?" and "Are university jobs more or less flexible than jobs in industry or national labs?" The room was filled with young and old, female and male physicists. Many questions were asked of the panelists. The session was very lively. Judging from the number of young people who expressed opinions, as well as to the panelists and moderator, the session was a great success.

As has been the norm at DNP meetings, materials on women and minorities in physics and science were provided by the APS Committee on Minorities, the Committee on the Status of Women in

Physics, and the AIP Statistics Group. These materials were available at the reception before the banquet on Friday.

Thanks to Warren Rogers, Professor of Physics at Westmont College, it was again recruitment time at the Conference Experience for Undergraduates (CEU) program, where some seventy undergraduates participated. The CEU poster session, where CEU participants present their research to the nuclear physicists from Universities and Laboratories alike, has become a tradition to which one looks forward each year. A primary goal is to entice bright young scientists to focus their talent on careers in physics, and especially nuclear physics. The CEU poster session was held on Friday afternoon and the room was filled. The CEU program is supported jointly by the NSF and by the DOE through its national laboratories, and by the Division of Nuclear Physics.

11. APS MEETING IN PHILADELPHIA, PA,

5 – 8 APRIL 2003

The 2003 April Meeting of the APS will be held in Philadelphia, PA, at the Lowes Philadelphia Hotel. Participating APS units will include the Divisions of Nuclear Physics, Particles and Fields, Astrophysics, Physics of Beams, Computational Physics and Plasma Physics. Forums represented will include Physics and Society, Education, International Affairs, and History of Physics. The program will consist of three plenary sessions, some 45 invited paper sessions, and more than 100 contributed paper sessions. Plenary sessions can be found by checking the APS Home Page (www.aps.org) under "Meetings," "April Meeting".

12. DNP APRIL 2003 MEETING PROGRAM

The Program Committee under the leadership of Program Committee Chair Baha Balantekin has completed its planning activity for the DNP component of the APS April Meeting in Philadelphia. There will again be plenary sessions at 8:30 a.m. on each of the first three days. For details please see the APS web site.

Several joint sessions have been organized with other APS units. These include a DNP/GHP session on "Nucleon Structure and Excited States", a DNP/DPF session on "QCD", a DNP/DAP session on "Nucleosynthesis in Astrophysical Objects", and a DNP/FHP session on "History of Solar Neutrino Physics". There will also be a GFB session on electromagnetic nuclear physics, which will be of interest to DNP members.

The DNP has organized five stand-alone invited speaker sessions: the DNP prize Session (the Bethe Prize, the Bonner Prize, and the Dissertation Award winner), "Rich QCD and RHIC" being organized by Jim Thomas and Bira van Kolck, "Charge Symmetry Breaking" being organized by Bira van Kolck, "Compton Scattering from Low to High Energies" being organized by Elizabeth Beise, and a voted session being organized by Program Chair Baha Balantekin based upon voting by the Program Committee on speaker nominations from the DNP membership.

Finally, the DNP will organize five mini-symposia at Philadelphia. Contributed papers intended for these mini-symposia should be identified by the appropriate sorting category listed below. (Please note that "E13a." should be entered as {E}{13}{a} in the category blank.) Each of the mini-symposia will be initiated by a 30 minute lead talk, which is intended to provide an introduction upon which the following contributed paper speakers can rely to set the stage. Thus, a contributed paper speaker in a mini-symposium should, in

principle, be able to convey much more detailed information in the allotted time than a contributed paper speaker 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. All DNP members are invited to contribute an abstract.

It would be helpful to the organizers of the mini-symposia if a copy of your mini-symposium abstract (or at least the title and authors) were sent to him/her when submitted to the APS. Misdirected abstracts 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. Electromagnetic Interactions
 - E4. Ultrarelativistic Heavy-Ions
 - E5. Nuclear Reactions: Heavy-Ions/Rare Isotope Beams
 - E6. Nuclear Reactions: Hadrons/Light Ions
 - E7. Nuclear Structure
 - E8. Sub-nucleonic Degrees of Freedom
 - E9. Nuclear Theory
 - E10. Instrumentation
 - E11. Applications of Nuclear Physics
 - E12. Hadronic Physics
 - E13a. Mini-symposium on Transition Form Factors (E. Beise)
 - E13b. Mini-symposium on Double Beta Decay (S. Elliott)
 - E13c. Mini-symposium on the Location of the Nuclear Driplines (M. Thoennessen & D. Morrissey)
 - E13d. Mini-symposium on Emergent Phenomena in Nuclei (A. Arahamian, B. Barrett, and A. Machiavelli)
 - E13e. Mini-symposium on the Isospin Dependence of Reaction Dynamics (W. Lynch & D. Morrissey)

13. ABSTRACT SUBMISSION

Complete abstract submission instructions can be found at the URL <http://www.aps.org/meet/abstracts/meet-abstract.html>.

The deadline for receipt of abstracts for the April meeting (APR03) is January 10, 2003 at 5:00 p.m. EST. You are strongly urged to proof your abstract before submission.

NOTE: Abstracts are no longer accepted via e-mail.

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 you 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 APR03 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.

14. National Nuclear Physics Summer School, D. Dean

The 2003 National Nuclear Physics Summer School will take place at the University of Tennessee in Knoxville, TN, June 16-27, 2003. School Lecturers include

- Peter Parker (Yale): Nuclear Astrophysics
- Erich Ormand (LLNL): Nuclear Structure
- Raju Venugopalan (BNL): High Energy Nuclear Physics in the Collider Era
- Eric Swanson (Univ. of Pittsburgh): Structure of hadrons
- Alejandro Garcia (Univ. of Washington): Weak interactions in the nucleus
- Gail McLaughlin (North Carolina State University): Neutrino physics.

Additionally, guest speakers will include:

- Glenn Young (ORNL): Results from RHIC
- Rocco Schiavilla (Old Dominion Univ. and TJNAF): Electromagnetic structure of light nuclei
- Geoff Greene (ORNL): Fundamental physics with neutrons

More information including on-line application forms, may be found at <http://www.phy.ornl.gov/npss03/>. The e-mail address of the school is npss03@mail.phy.ornl.gov.

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 2003 DNP Fellowship Committee is comprised of J. M. Moss (Chair), R. Janssens, W. Tornow, B. Holstein and S. Wallace. 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. 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.

2002 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 44 and 45 are \$62/\$67 retail and \$43.40/\$46.90 for DNP members. Volume 46 is \$67/\$72 retail and \$46.90/\$50.40 for DNP members. Volumes 47 - 50 are \$70/\$75 retail and \$49/\$52.50 for DNP members. Volume 51 is \$75/\$80 retail and \$52.50/\$56.00 for DNP members.

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.

Payment should accompany your order and must be in U.S. funds. California orders must add applicable sales tax. *All orders shipped to Canada require the addition of a 7% GST (Reg. #121449029 RT).*

17. CANDIDATE BIOGRAPHIES

NOMINATIONS FOR VICE-CHAIR

John W. Harris - Professor of Physics, Yale University, 1996-present; Ph.D., State University of New York at Stony Brook, 1978; Postdoctoral Research Associate, Lawrence Berkeley Laboratory, 1978-1979; Senior Scientist, Gesellschaft fuer Schwerionenforschung, Darmstadt, Germany, 1980-1984; Divisional Fellow, Nuclear Science Division, Lawrence Berkeley Laboratory, 1984-1989; Alexander von Humboldt Fellow, University of Frankfurt, and CERN, 1986-1987; Staff Senior Scientist, Nuclear Science Division, Lawrence Berkeley Laboratory, 1989-1996; Lawrence Berkeley Laboratory Performance Achievement Award, 1993; Alexander von Humboldt Senior Research Prize, 1994-1995; Fellow of the American Physical Society; Director of Graduate Studies, Physics Department, Yale University, 1998-1999; U.S. Nuclear Science Advisory Committee (NSAC), 1993-1996; Long Range Plan Working Group for Nuclear Physics, 1995; Co-convenor for Town Meeting on Intermediate and High Energy Heavy Ions, NSAC Long Range Plan, 1995; Associate Editor of Nuclear Physics (Intermediate Energy), 1991-present; Bonner Prize Committee 1997, Program Committee, 1996-1997, American Physical Society - Division of Nuclear Physics; National

Advisory Committee, Institute of Nuclear Theory, University of Washington, Seattle, 1999-2002; Spokesman of STAR Collaboration at Relativistic Heavy Ion Collider, Brookhaven National Laboratory, 1991-2002. Research interests: experimental nuclear physics, heavy ion physics, especially relativistic heavy ion physics, high energy nuclear physics, and the parton structure of nuclei and nucleons.

Bradley M. Sherrill - PhD in Nuclear Physics, 1985; Associate Director NSCL, 1999-present; Professor of Physics, Michigan State University, 1998-present; Associate Professor of Physics, MSU, 1995-1998; Assistant Professor of Physics, MSU, 1991-1995; Staff Physicist, National Superconducting Cyclotron Laboratory, 1986-1991; Visiting Scientist, GSI, 1985-1986; Member Nuclear Science Advisory Committee, 2000-present; Member of the NSAC Next Generation ISOL Task Force, 1998-1999; Fellow, American Physical Society 1998-present; TRIUMF Experimental Evaluation Committee, 2001-present; NSERC (Canada) Subatomic Physics Committee, 2001-present; GSI Wissenschaftliche Rat (Scientific Board), 2002-present; RIKEN Radioactive Beam Factory Program Committee, 2000-present; Chair, Oak Ridge HRIBF Users Executive Committee 1999; HRIBF Users Executive Committee, 1998-present; Argonne National Laboratory ATLAS Program Advisory Committee, 1997-2000; Member, RNB subcommittee of the OECD MEGA Science Forum, 1998-1999; Executive Committee, APS division of Nuclear Physics, 2001-present; Program Advisory Committee, APS DNP, 1993-1995; National RIA Steering Committee, 2002-present; Member of the North American Steering Committee for the IsoSpin Laboratory, 1989-2002; Physical Review C Editorial Board, 2001-present; 1985 Winner American Physical Society Dissertation Award in Nuclear Physics. Research Interests: Nuclear Structure and Nuclear Astrophysics, especially development and experimentation with beams of rare isotopes, weakly bound nuclei, knock out reactions, supernova nuclear physics, origin of the elements.

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. 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

Calvin R. Howell — Professor of Physics, Duke University, 2001-present; Deputy Director of the Triangle Universities Nuclear Laboratory, 2001-present; B.S. Physics, Davidson College, 1978; Ph.D. Physics, Duke University, 1984; Research Associate, Duke University, 1994-85; Assistant Professor, Duke University, 1985-92; Visiting Scientist, Los Alamos National Laboratory, 1987; Associated Western Universities Faculty Fellow, Stanford Linear Accelerator, 1989; Associate Professor of Physics, Duke University, 1992-2001; Visiting Physicist, the Continuous Electron Beam Facility (CEBAF), 1992; Adjunct Professor of Physics, North Carolina Central University, 1993-present; Visiting Physicist, CEBAF, 1994; Nuclear Physics Program Director, the National Science Foundation, 1998-99; Visiting Physicist, Jefferson Laboratory, 2000; DOE/NSF Nuclear Science Advisory Committee, 1994-97; Convenor of town meeting in 1995 Long Range Planning; Executive Committee of the Southeastern Section of the APS, 1997-2000. Research Interests: experimental low and intermediate energy nuclear physics, few-nucleon reaction dynamics, polarization phenomena, the neutron-neutron interaction, nucleon structure, nuclear astrophysics.

Charles F. Maguire — Vanderbilt University Ph.D. in Physics, Yale University, 1973; Postdoctoral Fellow, Lawrence Berkeley Laboratory 1973-1975; Assistant Professor, Vanderbilt University 1975-1981; Associate Professor, Vanderbilt University 1981-1987; Professor, Vanderbilt University 1997-present; Visiting Physicist CNRS Strasbourg 1989-1990; Member Hollifield Heavy Ion Laboratory Users Group 1977-1991; Member ATLAS (Argonne National Lab) Users Group, 1981-1991; Member AGS/RHIC Users Group, 1995-present; Member PHENIX Collaboration (RHIC) 1991-present, PHENIX Detector Council Subsystem Manager for Simulation Software (1992-present) Member ALICE (LHC) Collaboration 2002-; Fellow American Physical Society; Research Interests: Relativistic Heavy Ion Experiments and the search for signatures of the Quark Gluon Plasma as manifested in vector meson production and modifications, jet suppression, and particle correlations.

Naomi C. R. Makins — University of Illinois at Urbana-Champaign. B.Sc. Physics (Hon.), University of Alberta, 1989; Ph.D. Physics, Massachusetts Institute of Technology, 1994; Enrico Fermi Postdoctoral Fellow, Argonne National Laboratory, 1994-1996; Assistant Professor, UIUC, 1996-2002; Associate Professor, UIUC, 2002-present. Honors: Luise Meyer-Schutzmeister Memorial Award for Women in Physics, 1993; Alfred P. Sloan Foundation Research Fellow, 1999-2001; Xerox Award for Faculty Research, UIUC, 2001; Willett Faculty Scholar, UIUC, 2002 - 2005; Committees: Fermilab Users Executive Committee, 1996-1998; DNP Program Committee, 1998-2000; Research Interests: Experimental intermediate energy nuclear physics, especially spin/flavour structure of hadrons and hadron formation at high energies.

Gail McLaughlin — North Carolina State University, Assistant Professor, 2001-present; Ph.D. Physics, University of California, San Diego, 1996; Postdoctoral Fellow, Institute for Nuclear Theory, U. of Washington, 1996-1998; Postdoctoral Fellow, TRIUMF, 1998-2000; Research Scientist, SUNY Stony Brook, 2000-2001. DOE Outstanding Junior Investigator award, 2002-present. DNP program committee 2002-2003. Research interests: nuclear astrophysics and neutrino physics; supernovae, r-process, gamma-ray bursts; neutrino oscillations, neutrino mass models and neutrino-nucleus interactions.

R. J. (Jerry) Peterson — Professor of Physics, University of Colorado, Boulder, 1978-present. Ph.D. in Physics, University of Washington 1966. Instructor, Princeton University 1966-1968, Research Associate, Yale University 1968-1970. Various ranks, University of Colorado, 1970-present. Assistant, Associate and Interim Vice Chancellor for Research, University of Colorado, 1996-present. Program Director for Intermediate Energy Physics, NSF 1978-1979. Visiting Professor Niels Bohr Institute, University of Tokyo, Federal University of Rio de Janeiro. LAMPF User Group Board of Directors 1987-88, 1992-93, chair 1993. Fellow, American Physical Society. Foreign Member, Pakistan Academy of Science. Member DOE/NSF Long Range Plan Committee 1989. Member DOE university accelerator facilities panel, 1988. Member NSF Physics Division Committee of Visitors 1994, 1997. Research interests: light ion and meson-induced reactions, meson-nucleon interactions, cosmic ray-induced errors in memory circuits, applications of nuclear science for domestic security.

Xin-Nian Wang — Senior Staff Scientist, Lawrence Berkeley National Laboratory (LBNL), 1997-present; Head, Nuclear Theory Program, Nuclear Science Division, LBNL, 1999-present; Ph.D. Physics, University of Oregon, 1989; Postdoctoral Fellow, LBNL, 1989-1991; Research Associate and Lecturer, Duke University, 1991-1992; Divisional Fellow, Nuclear Science Division, LBNL, 1992-1997; Outstanding Overseas Young Investigator Award, Natural Science Foundation of China, 2000; Changjian Visiting Professorship of Shandong University, Changjian Foundation, 2001; Guest Professor, Central China Normal University, Wuhan, 1999-present; Managing Editor, International Journal of Modern Physics A, 2002-present; DOE Review Panel of Nuclear Theory Program at BNL, 1997; DOE RHIC Facility Review Committee, 2000; Organizing Committee of Town Meeting on Nuclear Matter and Hadrons at High-energies, NSAC Long Range Planning for Nuclear Physics, 2000; International Advisory Committee, Quark Matter '2000. Research Interests: Theoretical high-energy nuclear physics, especially dynamical model of high-energy nuclear collisions, perturbative QCD description of hard processes in nuclear environments such as heavy-ion collisions and deep inelastic scattering off nuclear targets.

18. FUTURE CONFERENCES

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

“XXVI Symposium on Nuclear Physics” 6-9 January 2003, Taxco, Guerrero, Mexico Contact: Dr. Elí F. Aguilera Instituto Nacional de Investigaciones Nucleares A.P. 18-1027, 11801 México, DF, MEXICO Email: efar@nuclear.inin.mx Fax: +52-55-5329-7329 Phn: +52-55-5329-7241

“International Conference on Low Energy Antiproton Physics (LEAP03),” 3-7 March 2003, YOKOHAMA, JAPAN, Contact: leap03.conference@cern.ch, Chair: Ryugo S. Hayano, Tokyo University <http://cern.ch/leap03>

“7th International Conference on Strangeness in Quark Matter” 12-17 March 2003, Atlantic Beach, North Carolina Organ: S. Bass, B. Mueller, G. Stephans, T. Ullrich <http://www.phy.duke.edu/SQM2003>

“The First Three Years of Heavy-Ion Physics at RHIC,” 31 March-20 June, 2003 Urs Wiedemann, Urs. Wiedemann@cern.ch, 41-22-76-72753; Dirk Rischke, drischke@th.physik.uni-frankfurt.de, 49-69-798-22631; Thomas Schaefer, Thomas.Schaefer@sunysb.edu, 631-632-4489; Paul Stankus, stankus@mail.phy.ornl.gov, 631-344-4280 (thru Spring

2003) or 865-574-4703 (permanent at ORNL),
<http://int.phys.washington.edu>.

“8th Conference on the Intersections of Particle and Nuclear Physics (CIPANP2003)” 19-24 May 2003, Grand Hyatt Hotel, New York Contact: Dr. Zohreh Parsa, Brookhaven National Lab, Physics Department 510A, Upton, NY 11973-5000
<http://www.cipanp2003.bnl.gov> Email: cipanp2003@bnl.gov

“Generalized Parton Distributions and Hard Exclusive Processes,” 23 June – 29 August 2003 Xiangdong Ji, xji@physics.umd.edu, 301-405-7277; Anatoly Radyushkin, radyush@jlab.org, 757-269-7377; Andreas Schaefer, andreas.Schaefer@ui-regensburg.de, 49-941-943-2007,
<http://int.phys.washington.edu>.

“17th International IUPAP Conference on Few-Body Problems in Physics” 5-10 June 2003, Durham, North Carolina

Contact: W. Tornow, Dept. of Physics, Box 90308, TUNL, Duke University, Durham, NC 27708-0308 <http://www.tunl.duke.edu/fb17>
Email: FB17@tunl.duke.edu Fax: 919-660-2634

“Theories of Nuclear Forces and Nuclear Systems,” 29 September, 2003 – 5 December, 2003 Richard Furnstahl, furnstahl.1@osu.edu, 614-292-4830; Benjamin Gibson, bfgibson@lanl.gov, 505-667-5059; Rob Timmermans, timmermans@kvi.nl, 31-50-3633570; Ubirajara van Kolck, yankolck@physics.arizona.edu, 520-621-4230,
<http://int.phys.washington.edu>.

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