



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
- Fall Meeting Speaker Nomination Form



Future Deadlines

- **12 January 2001** — Abstract deadline for spring meeting
- **12 January 2001** — DNP Election Ballot
- **16 February 2001** — Early registration for spring meeting
- **30 March 2001** — Housing deadline for spring meeting
- **1 April 2001** — Nominations for Fellowship

WWW Home Page for the DNP: <http://nuclth.physics.wisc.edu/dnp>

A WWW home page for the Division of Nuclear Physics is now available at “<http://nuclth.physics.wisc.edu/dnp>.” 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 Baha Balantekin at

“dnp@nuclth.physics.wisc.edu”

1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2001

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 Washington, DC, 28 April – 1 May 2001. Joel M. Moss will become Chair, Charles Glashausser will become Chair-Elect, and R. G. Hamish Robertson will become Past-Chair. J. Dirk Walecka will continue as Divisional Councilor. Barry R. Holstein, Robert E. Tribble, and Michael C. T. Wiescher 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 2001.

This year’s Nominating Committee consists of W. Nazarewicz (Chair), V. R. Brown (Vice Chair), R. F. Casten, H. E. Jackson, and R. L. Ray. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

Vice-Chair (one position):

Baha Balantekin
Lee S. Schroeder

Secretary-Treasurer:

Benjamin F. Gibson

Executive Committee (three positions):

Charlotte Elster
Haiyan Gao
Tsung-Shung Harry Lee
Bradley M. Sherrill
Paul A. Souder
Werner Tornow

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 12 January 2001 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.

INSIDE . . .

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- **DNP Election Candidate Biographies**

2. NATIONAL NUCLEAR PHYSICS SUMMER SCHOOL

2000 National Nuclear Physics Summer School Steering Committee (correction), as of 10/14/99:

B. Barrett (Past Chair)	S. Austin
W. Henning (Chair)	B. Serot
B. Balantekin (Vice Chair)	B. Jacak
E. Beise	W. Nazarewicz
W. Haxton (grantee)	

2001 National Nuclear Physics Summer School Steering Committee, as of 8/1/00:

W. Henning (Past Chair)	B. Serot
B. Balantekin (Chair)	B. Jacak
E. Beise (Vice Chair)	W. Nazarewicz
V. Pandharipande	D. Geesaman
B. Barrett (grantee)	

The DNP would like to express its appreciation to the members of the 2000 committee for its efforts in organizing the 3–14 July school on the Santa Cruz campus of the University of California. Lecturers included D. Geesaman (ANL), J. Harris (Yale), M. Horth-Jensen (NORDITA), A. Mueller (Columbia), Y-Z. Qian (Minnesota), and M. Ramsey-Musolf (Connecticut). The school received financial support from the NSF, the INT (Seattle), and the Department of Physics at UC, Santa Cruz.

3. CEU PROGRAM AT DNP00, W. Rogers

The third annual Conference Experience for Undergraduates (CEU) was held at the Fall 2000 DNP meeting in Williamsburg, Virginia. Eighty-three students from 53 schools from around the nation and abroad participated in the event, which included a Wednesday evening research poster session (combined with the DNP welcome reception), a Thursday morning CEU breakfast, a Thursday noon-time research poster session, a Thursday evening CEU nuclear physics seminar given by Dr. Michael Thoennessen of MSU, and a Friday noon graduate school information session at which more than 15 colleges and universities met with students and discussed their graduate programs and provided information. In addition to these activities, students participated in the DNP meeting activities, including the Jefferson Lab tour and the Friday evening banquet. Most of the students stayed in two and three bedroom suites at the Sheraton hotel in close proximity to one another. Funding assistance for travel, room, and board was provided by the National Science Foundation and the Department of Energy through several National Laboratories (ANL, BNL, LANL, LBL, ORNL and TJNAF). The event was organized by Warren Rogers, associate professor of physics at Westmont College, and the website physics.westmont.edu/ceu2000 contains additional information about the program, including several photos from CEU2000 and the two previous (1999 and 1998).

4. PRC, PRL, AND PUBLICATION COMMITTEE NEWS

Physical Review C editor Sam M. Austin presented to the DNP Publications Committee at Williamsburg recommendations for five new Editorial Board members who will begin their three-year terms in January 2001. These nominees were approved by the DNP Publications Committee, and the names were forwarded to the Editor-in-Chief, Martin Blume for final action. The new PRC Editorial Board members are:

T. William Donnelly (MIT, Cambridge, MA)
Charles Gale (McGill Univ., Montreal, Canada)
Brian D. Serot (Indiana Univ., Bloomington, IN)
Bradley M. Sherrill (Michigan State Univ., East Lansing, MI)
Reinhard Stock (Univ. Frankfurt, Frankfurt, Germany)

Leaving the PRC Editorial Board will be: Walter Benenson, Barbara V. Jacak, Che Ming Ko, Richard G. Milner, and Anthony W. Thomas. The DNP thanks them for their service over the past three years.

A new *Physical Review Letters* Divisional Associate Editor in the area of nuclear physics was also proposed. The nominee was approved by the DNP Publications Committee, and his name was forwarded to the Editor-in-Chief, Martin Blume for final action. The new Divisional Associate Editor will be:

Scott E. Pratt (Michigan State Univ., East Lansing, MI)

His three-year term will begin in January 2001. The departing DAE in nuclear physics is Ulrich Heinz, whom the DNP thanks for his service.

5. COM AND CSWP HOST LUNCH RECEPTION AT DNP00, B. C. Clark

The American Physical Society's Committee on Minorities (COM) and the Committee on the Status of Women in Physics (CSWP) jointly hosted a lunch reception at the Fall DNP meeting. Funding for the luncheon was provided by a generous grant from Southeastern Universities Research Association (SURA).

Among those who attended were Lawrence Norris, Chair of COM, Betsy Beise (CSWP member), and Bunny Clark (current COM member and former CSWP Chair), who organized the program. Other prominent guests included David Ernst, Chair of the SURA board and representing the National Society of Hispanic Physicists, and James Symons, Chair of the DOE/NSF Nuclear Science Advisory Committee.

Norris began his presentation by stating, "When Bunny Clark suggested having this event at DNP, I jumped at the chance because the divisions are the heart of APS and where I'd most like to communicate my vision of what is needed in our professional community." In his remarks, Norris challenged the attendees to take on the issue diversity as their own and not view it as the responsibility of one or two committees, or of some staff office somewhere in their administration. He said, "Too often, the issue of diversity is relegated to offices with no real authority. But, the problem is not in those offices and neither are the solutions or problem solvers. In my opinion, the real opportunity for change lies in the labs with the individual scientists, since often it is here where the real hiring authority lies. I believe that individual scientists should begin to look outside of their own professional networks and identify qualified women and minority candidates for positions in their organizations. Otherwise, they will continue to have difficulty recruiting diverse talent."

Betsy Beise continued with highlights of COM and CSWP programs available from APS that can help the individual labs or research groups identify new minority and women candidates and collaborators. She mentioned that both COM and CSWP maintain colloquium speakers lists that can be used to identify speakers or viable women and minority candidates for positions. There is a corresponding Travel Grant Program, which provides travel reimbursement of up to \$500 to departments that invite women and minority speakers to give department colloquia or seminars. Beise also noted that both

committees sponsor site visit programs where a committee will visit academic departments and work with them to develop a welcoming climate for all students and faculty, particularly underrepresented groups. She added that the CSWP site visit program is presently undergoing a pilot project to expand it to national labs, and a visiting program for undergraduate-only institutions is in the proposal stage.

David Ernst, in his remarks to the luncheon participants, pointed out that regional university and DOE lab alliances like SURA can be instrumental in facilitating collaborative projects to increase diversity. He emphasized that summer sabbaticals, internships, and visiting professorships between HBCU/HSI institutions and larger research institutions are often very successful. Norris stated that such programs would produce a more diverse pool of scientists for the future. Ernst also contended that by attending the meetings of the National Society of Hispanic Physicists (NSHP) and National Society of Black Physicists (NSBP), any scientist or division director can quickly expand his or her database of professional colleagues. Norris also emphasized that any individual scientist can do the simple act of calling someone from the COM or CSWP speakers lists or attending the NSBP or NSHP meetings. These are productive ways for the community to become more aware of potential collaborators and potential new hires. If people in leadership positions, at universities, national labs, and industry do the same, the situation that now exists will change and the diversity of our field will increase.

NSAC Chair James Symons reminded the attendees that the DOE and NSF have requested that NSAC conduct a new study of the opportunities and priorities for U.S. nuclear physics and recommend a Long Range Plan that will provide a framework for advancing the nation's nuclear research programs for the next decade. One of the charges was to analyze the effectiveness of graduate programs in nuclear science in preparing future scientists. He stressed that the issue of diversity in nuclear science is an important part of the Long Range Plan for Nuclear Science.

Over 80 people attended the luncheon and the organizers were very pleased that a large number of the CEU students took the opportunity to meet with and ask questions of the physicists at the lunch.

The Committee on Minorities in Physics and the Committee on the Status of Women in Physics thank SURA President Dr. Jerry Draayer and the SURA Executive Board for their generous financial support of this luncheon.

6. FUTURE DNP FALL MEETINGS

2001	October 17–20	Maui, HI
2002	October 9–12	East Lansing, MI
2003	October	

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 will be 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.

7. SPEAKER NOMINATIONS FOR THE MAUI MEETING, C. Glashausser

Because of the advance preparations required for planning the program of the Maui Meeting (the DNP fall meeting in October of 2001), it is necessary to solicit invited speaker nominations earlier than usual. An invited speaker nomination form is included with this newsletter. Please note the address/fax number to be used. Also, please note the deadline of **30 January 2001** for receipt of nominations.

8. APS MEETING IN WASHINGTON, DC, 28 APRIL – 1 MAY 2001

The 2001 April Meeting of the APS will be held in Washington, DC, at the Renaissance Hotel. Participating units will include Divisions of Nuclear Physics, Particles and Fields, Astrophysics, Chemical Physics, Physics of Beams, and Computational Physics. Forums represented will include Physics and Society, Industrial Applied Physics, International Affairs, and History of Physics. The program will consist of three plenary sessions, 48 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 2001,” and looking for the section entitled Plenary Talks under Program Highlights.

To check out Washington, DC look at the URL: “www.washington.org” or the APS Home Page.

HELP NEEDED AT WASHINGTON, DC

If you are willing to be considered to chair a session at the spring meeting, please send your name, institution, e-mail address, and preferred topics to Program Chair Joel Moss (jmm@lanl.gov) by 12 January 2001.

9. DNP WASHINGTON 2001 APRIL MEETING PROGRAM

The Program Committee, under the leadership of Program Committee Chair Joel Moss, has been busy organizing the DNP component of the APS April Meeting in Washington, DC. There will be Plenary Sessions as was the case in Long Beach (2000), but details are not sufficiently complete to be included here.

Several Joint Sessions are being organized with other APS units. These include two DPF/DNP sessions ([1] QCD and [2] Neutrinos), a DAP/DNP session (Origin of the Elements), and a GFBS/DNP session (Few-Body Systems in Nuclear Physics).

In addition, the DNP will organize five stand-alone invited paper sessions: “Chiral Dynamics” (being organized by Fred Myhrer), “Nuclear Structure at the Limits of Stability” (being organized by Jolie Cizewski, Thomas Glasmacher, and John Hardy), two voted sessions (being organized by Joel Moss from DNP Member Nominations and the subsequent ballot by the DNP Program Committee), and a DNP Prize Session (Bethe and Bonner Prize winners, Dissertation Award winner, and an address by the DNP Past Chair, Walter Henning).

The DNP will organize three mini-symposia at the Washington, DC meeting. Contributed papers intended for these mini-symposia should be identified by the appropriate sorting category listed below. (Note that E12a should be entered as {E}{12}{a} in the template for e-mail submission.) Each of the mini-symposia will be initiated by a 30

minute invited talk, which is intended to provide the introduction on which the following contributed paper speakers can rely to set the stage. 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 three mini-symposia, V. Greene, J-C. Peng, and R. Whitney, if a copy of your mini-symposia abstract were sent to her/him when it is submitted to the APS.

Abstract submission instructions can be found at URL: "http://www.aps.org/meet/meet-abstract.html." The deadline for receipt of abstracts is 12 January. Please proof your abstract before submission. Contributed abstracts may be submitted via the Web or via e-mail. The Web submission process is self-guiding. Try a test by logging onto <http://abstracts.aps.org> and select TEST. When submitting, select the meeting ID APR01. For e-mail submission send an e-mail to abs-request@aps.org with the phrase "request APR01" as the message. Questions can be sent to abs-help@aps.org.

Sorting categories for nuclear physics papers 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
- E12a. Mini-Symposium A – Relativistic Heavy Ion Physics in the RHIC Era
- E12b. Mini-Symposium B – Physics with Ultra Cold Neutrons
- E12c. Mini-Symposium C – Medium Corrections in ^{3,4}He
- E13. Other

10. FUTURE APS SPRING MEETING INFORMATION

2002	April 20–23	Albuquerque, NM
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The 2002 APS Spring Meeting will move to Albuquerque, NM. Discussions are underway regarding the 2003–5 sites. Possibilities include Tampa, San Jose, Portland, and Denver. Send comments/suggestions to Donna Baudrau (baudrau@aps.org).

11. 2001 DNP FALL MEETING ON MAUI, 17–20 OCTOBER, V. R. BROWN

The annual Fall Meeting will be an historic first joint meeting of the Division of Nuclear Physics (DNP) of the American Physical Society (APS) and the nuclear physicists of the Japanese Physical Society (JPS). The meeting will be held at the Outrigger Walilea Resort on the island of Maui in Hawaii on 17–20 October 2001. It is our hope that Hawaii 2001 (HAW01) will serve as a meeting ground to engender cooperation and the exchange of ideas among nuclear scientists from these and other Pacific-Rim countries.

Hotel

All conference meetings and sessions will be held at the Outrigger Walilea Resort located on the sparkling Pacific shores of Maui's south coast. The Outrigger offers multi-lingual guest relations staff, two restaurants, swimming pools, a Hawaiian culture program, etc. The Outrigger Walilea Resort is about 25 miles from the Maui airport. A room rate, which was negotiated by the Conference Coordinator, Carol Kuc, in consultation with the Organizing Committee is \$149 (plus tax). This rate includes up to two guests per room. We have reserved 350 rooms at this rate. Because it is difficult to anticipate attendance at this, first of its kind, meeting and because the interest appears to be greater than anticipated, we will open a web site for early room reservation, so that we can determine whether additional space in adjacent hotels should be sought. Early registration and hotel reservation information will be announced soon.

Meeting Structure

HAW01 will be a four-day meeting. There will be no workshops preceding the HAW01 meeting. The additional day will be used for sessions needed to accommodate the two physical societies. A plenary session to open the meeting and to highlight the physics of the two countries is being planned. The remainder of the meeting will consist of morning and afternoon/evening sessions of three to four hours. Typically, these sessions will consist of one invited-paper session running in parallel with multiple sessions of contributed papers and mini-symposia. As is usual, mini-symposia will involve one invited talk followed by contributed papers all on the same topic. The Organizing and Program Committees view mini-symposia as ideal sessions to integrate the two communities along topics of mutual interest. If you have ideas for topics or would like to become involved, please contact the Program Committee Chair for HAW01, Charles Glashauser. The JPS and APS are accustomed to different session structure and time slots. In order to accommodate both Societies at HAW01, contributed talks will be 15 minutes, a 12-minute talk with three minutes allotted for questions and discussion. Invited session talks will be 45 minutes of which 10 minutes will be allotted for questions and discussion. Lead invited talks in mini-symposia will be 30 minutes (25 + 5). All speakers are urged to speak clearly and slowly and to include important points on their transparencies.

Satellite Meetings

It is anticipated that a number of satellite (collaboration) meetings may be held either before, during, or after the official meeting. The Walilea room rates were negotiated to include days before and after the meeting, to accommodate people's needs. In order to arrange space for satellite meetings, please send your requests to the Secretary Treasurer.

12. ISOTOPES AND NUCLIDES, G. Audi

The Atomic Mass Data Center would like to draw the attention of its colleagues to the often encountered misuse of the word 'isotope' instead of the word 'nuclide.' Isotopes, isotones, isobars refer to a series of nuclides having one same number of protons, neutrons, or baryons, or constant Z, N, A, respectively. Therefore, one can speak about isotopes of sodium, or isotones at N=82, or isobars at mass 144. The term nuclide designates one specific combination of neutrons and protons, e.g., ⁸⁷Rb. The SUNAMCO commission of the IUPAP pointed to the misuse of the word isotope as far back as 1987 in "Symbols, Units, Nomenclature and Fundamental Constants in Physics." In the 21st millennium, it is time for us to utilize the nomenclature correctly.

13. PRC ON-LINE TIP: SENDING FEEDBACK, C. Wesselborg

Experiencing a problem with PRC on-line? Have a suggestion? You may send feedback regarding the PRC on-line service (<http://prc.aps.org/>) by filling out one of the on-line response forms. These are available on the PRC Customer Service page at <http://ojps.aip.org/prc/custserv.html>. The page provides access to (1) the Technical Support Request Form to report problems using the service, (2) the Editorial Feedback Form for suggestions to the Editors, and two other forms. The forms contain pull-down menus with prepared responses from several categories which allow better identification of the nature of the problem.

Feedback may also be sent via e-mail, but please use the feedback forms whenever possible. The e-mail addresses are prctech@aps.org for PRC technical support; prccomm@aps.org for editorial feedback.

The PRC Online Help page is available at <http://ojps.aip.org/prc/help.html>; among other useful information it provides access to the PRC FAQ page (see 'The Basics').

14. 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 2001 DNP Fellowship Committee is comprised of W. F. Henning (Chair), J. A. Carlson, J. A. Cizewski, D. F. Geesaman, and W. A. Zajc. 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.

15. DNP PRIZES AND AWARDS

The prize and award season is here, Nobel etc. The DAP/DNP Bethe Prize, the DNP Bonner Prize, and the DNP Dissertation Award will have been announced by the time you receive this newsletter. Please check the DNP Home Page or the APS Home Page for the announcements. Stories will appear in Newsletter 126 as well as *APS News*. The presentations to the winners will be made at the April 2001 meeting during the DNP Prize Session, where each of the winners will present a talk on his/her work. You are cordially invited to attend. The DNP Business Meeting will follow the Prize Session.

16. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

The Division has continued the agreement with Annual Reviews, Inc., which will enable DNP members to obtain copies of the "*Annual Review of Nuclear and Particle Science*" at a 30% discount when purchased through the DNP Secretary-Treasurer, Benjamin F. Gibson, Los Alamos National Laboratory, DNP, MS B283, Los Alamos, NM 87545.

2000 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 13–26, 28–29, 31–33, and 35–41 are \$55/\$60 retail and \$38.50/\$42 for DNP members. Volumes 42 and 43 are \$59/\$64 retail and \$41.30/\$44.80 for DNP members. 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, 48, and 49 are \$70/\$75 retail and \$49/\$52.50 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 (payable to the Division of Nuclear Physics–APS) must accompany your order and must be in U.S. funds. California orders must add applicable sales tax. *Since 1 January 1991, all orders shipped to Canada require the addition of a 7% GST (Reg. #121449029 RT).*

17. CANDIDATE BIOGRAPHIES

NOMINATIONS FOR VICE-CHAIR

Baha Balantekin – Professor of Physics, University of Wisconsin-Madison, 1992–present; Associate Professor of Physics, UW-Madison, 1989–1992; Assistant Professor of Physics, UW-Madison, 1986–1989; Eugene P. Wigner Fellow, Oak Ridge National Laboratory, 1984–1986; Research Associate, Center for Theoretical Physics, Massachusetts Institute of Technology, 1982–1984; Ph.D. in Physics, Yale University, 1982. Member, Program Committee, Topical Group on Few-Body Systems and Multiparticle Dynamics, 1987–1988; Founding Organizer, Midwest Nuclear Theory meeting series, 1989–; Organizer, Fourth National Nuclear Physics Annual Summer School, 1991; Member, Steering Committee of the Nuclear Physics Summer School series,

1992–present (Chairperson 2000–2002); Chairperson (Vice-Chairperson), Bonner Prize Selection Committee, 1993 (1992); Chairperson (Vice-Chairperson), Gordon Conference on QCD in Nuclear Physics, 1995 (1993); Organizer, Institute for Nuclear Theory-Seattle, programs on Neutrino Astrophysics (1994) and Low-Energy Neutrino Physics (1999); Member, Division of Nuclear Physics, APS, Executive Committee, 1994–1995; Member, DNP Fellowship Committee, 1997–1999; Member, *Physical Review C* Editorial Board, 1997–1999; Member DNP Home-Page Committee (1997–1999, 2000–, Webmaster 2000–); Member, Bethe Prize Selection Committee, 1999–2001. NSF Presidential Young Investigator, 1987–1992. Japan Society for the Promotion of Science Fellow, 1993–1994; Fellow of the American Physical Society, 1994–; Alexander von Humboldt Foundation Senior Scientist Award, 1997–2002; Wisconsin Alumni Research Foundation Mid-Career Award, 1997; ECT* Senior Fellow, 2000. Visiting Scientist/Professor: Tohoku University, 1988, 1992, 1994; University of Washington, 1989, 1997–1998; Argonne National Laboratory, 1990, 1991; Institute for Nuclear Theory, Univ. Washington, 1990, every year since 1992; Queen’s University, 1992; Max Planck Institute for Nuclear Physics, Heidelberg 1999–2000, Research Interests: Nuclear structure and heavy-ion physics; nuclear and neutrino astrophysics, solar and supernova neutrinos; quantum chromodynamics and quark degrees of freedom in nuclei; the use of symmetry principles in nuclear physics; new areas at the interface of nuclear physics, particle physics, and astrophysics.

Lee S. Schroeder – Division Director, Nuclear Science Division, Lawrence Berkeley National Laboratory, 1996–present; Ph.D. 1966, Indiana University; M.S., 1963 Indiana University; B.S., Drexel Institute of Technology; Iowa State University, Postdoctoral Associate, High Energy Physics, 1965–1967; Iowa State University, Assistant Professor of Physics, 1967–1971; Lawrence Berkeley National Laboratory, Berkeley (University of California): Staff Physicist, Physics Division, 1971–1977; Bevalac Scientific Coordinator, 1976–1978; Staff Physicist, Nuclear Science Division, 1977–1983; Senior Scientist, Nuclear Science Division, 1983–present; Scientific Director for Bevalac, Nuclear Science Division, 1986–1987 and 1989–1991; Program Manager, Department of Energy, Office of Nuclear Physics, 1987–1989; Assistant Director for Physical Science and Engineering, Office of Science and Technology Policy, The White House, 1992–1993; Project Director for Pulsed Spallation Source – Central Design Effort at Berkeley, 1993–1995; Deputy Project Manager STAR Project, Nuclear Science Division, 1993–1995; Acting Division Director, Nuclear Science Division, 11/95–1/96; Member (several times chair) of International Conferences and Workshops on Relativistic Heavy Ion Physics, and other topics, including: several LBNL Heavy Ion Summer Studies, Quark Matter (chair 1986), Intersections between Particle and Nuclear Physics, RHIC Instrumentation, Spallation Pulsed Source, 1974–present; Member NSAC Long Range Planning Committee, 1883 and 1989; NSD Visiting Committee to Michigan State University Cyclotron Facility, 1986; Several Relativistic Heavy Ion Collider (RHIC) Task Force Committees at Brookhaven National Laboratory, 1983–1987; Nuclear Science Resources Subcommittee of the Division of Nuclear Physics of the American Physical Society, 1986–1987; Chair RHIC Research and Development Committee at Brookhaven, 1989–1991; DOE/NSF Nuclear Science Advisory Committee (NSAC), 1990–1994; AGS High Energy and Nuclear Physics Program Advisory Committee at Brookhaven, 1990–1993; Indiana University Cyclotron Facility (IUCF) Visiting Committee, 1991, 1993, 1995; Associated Universities Inc. Visiting Committee to Brookhaven, National Laboratory, 1992–1994 (chair 1993); Committee on Biomedical Isotopes, National Research Council, Institute of Medicine, 1994–1995; Member National Spallation Neutron Source (SNS) Steering Committee, 1996–1998; Spallation Neutron Source (SNS) Science Advisory Committee, 1996–present; Member Scientific Advisory

Committee (SAC) for SNS, 1998–present; Indiana University IUCF Director’s Review Committee, 1997; Member of LANSCE Director’s Review Committee, Los Alamos National Laboratory, 1997–present (chair for 2000); Member Division of Nuclear Physics (APS) Nuclear Physics Sub-Committee on Funding, 1997–present; Chair of International Nuclear Physics Conference (INPC) scheduled for July 30 – August 3, 2000, currently; Fellow of the American Physical Society. Research Interests: Relativistic nuclear collisions from Bevalac to RHIC energies. Particular emphasis on particle production in kinematically forbidden regions, strange particle production, and dilepton production as probe of early stage of the collision process.

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–. 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

Charlotte Elster – Ohio University. Ph.D. in Physics, University of Bonn, 1986. Postdoctoral Fellow, Kent State University, 1986–1987. Postdoctoral Fellow, University of Maryland, 1987–1988. Battelle Fellow, Batelle Memorial Institute 1988–1989, Postdoctoral Fellow, Ohio State University, 1989–1991. Assistant Professor of Physics, Ohio University, 1991–1996. Associate Professor of Physics, Ohio University, 1996–. Senior Research Scientist, Forschungszentrum Jülich, 1999–. Member, Committee on the Status of Women, APS, 1992–1995. Member, Executive Committee, Few-Body Topical Group, APS, 1996–1999. Member, Statewide Users Group, Ohio Supercomputer Center 1992– (Vice-Chair 1995–1996, Chair 1996–1998). Member, Program Advisory Committee IUCF 1997–1999 (Chair 1999). Consultant, Los Alamos National Laboratory, 1988–1994. Research Interests: Scattering of nucleons from very light nuclei in the intermediate energy range. Investigations of relativistic effects in few-body and many-body dynamics and the role of subnuclear degrees of freedom. Effective field theories; especially models for the nucleon-nucleon, nucleon-nucleon-pion, and pion-nucleon system derived from hadronic field theories. Computational physics with emphasis on nuclear reactions and few-body systems.

Haiyan Gao – Massachusetts Institute of Technology. B.S. in Physics, Tsinghua University, Beijing, China, 1988; Ph.D. in Physics, California Institute of Technology, 1994; Postdoctoral Fellow, University of Illinois at Urbana-Champaign, 1994–1996; Assistant Physicist, Argonne National Laboratory, 1996–1997; Assistant Professor, Massachusetts Institute of Technology, 1997–present. Honor: Department of Energy Outstanding Junior Faculty Investigator Award, 2000. Member, Jefferson Lab Users Group Board of Directors, 2000–; Vice Chair, Bates Users Group Board of Directors, 2000–. Research Interests: Experimental intermediate energy nuclear physics, especially nucleon structure studies using polarization degrees of freedom, QCD degrees of freedom in exclusive nuclear processes, polarized gas targets.

Tsung-Shung Harry Lee – Senior Physicist, Argonne National Laboratory, 1993–present; Fellow, American Physical Society; Ph.D., Physics, University of Pittsburgh, 1973; Research Associate, Bartol Research Foundation, 1973–1975; Research Associate, Argonne National Laboratory, 1975–1977; Scientific Staff, Argonne National Laboratory, 1975–present; Head, Theory Group of Physics Division, Argonne National Laboratory, 1989–1994; Visiting Appointments: SUNY at Stony Brook, 1979; MIT, 1981; Swiss Institute of Nuclear Science, 1984, 1985, 1987; TRIUMF, 1989; University of Pittsburgh, 1990; Research Center for Nuclear Physics, Osaka University, 1997; University of Valencia, 1998. Community Services: Member of International Organizing Committee for Baryons'92 Conference; Vice Chair, Photonuclear Gordon Conference, 1994; Member of International Advisory Committee for International Conference on Few-Body Problem, 1992, 1994, 1997; Member of Consultant Committee for Academia Sinica, Taiwan, 1994–present; Co-chair, Scientific Program Committee of the 16th International Conference on Few-Body Problem, 2000; Member, Advisory Committee of NSTAR2000 and NSTAR2001 Conference; Coordinator for Baryon Resonance Amplitude Group, 1999–present; Member, Program Advisory Committee, Indiana University Cyclotron Facility, 2000; Co-organizer of nine conferences and workshops. Research Interests: Meson productions at intermediate and high energies, hadron structure, few-body problems, meson and quark degrees of freedom in nuclei.

Bradley M. Sherrill – Professor of Physics, Michigan State University, 1998–present; Associate Director, National Superconducting Cyclotron Laboratory, 1999–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; Chair, Oak Ridge HIRIBF Users Executive Committee, 1999; HIRIBF 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; Program Advisory Committee, American Physical Society Division of Nuclear Physics, 1993–1995; Member of the North American Steering Committee for the IsoSpin Laboratory, 1989–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, inverse kinematics knock out reactions, supernova nuclear physics, origin of the elements.

Paul A. Souder – Professor of Physics, Syracuse University, 1988–present; Ph.D., Physics, Princeton University, 1971; Research Associate, Princeton University, 1971; Research Staff Physicist, Yale University 1971–1972; Instructor in Physics, Yale University, 1972–

1975; Assistant Professor of Physics, Yale University, 1975–1980; Junior Faculty Fellowship, Yale University, 1978–1979; Associate Professor of Physics, Yale University, 1980–1982; Visiting Associate Professor of Physics, Harvard University, 1982–1983; Associate Professor of Physics, Syracuse University, 1983–1988; LAMPF Users Group Board of Directors, 1993–1996 (Chair, 1994–1995); Member, CEBAF/JLab Hall A Collaboration (EXPINT Committee, 1995–1996). Fellow, American Physical Society. Research Interests: Electron scattering with polarized beams and targets, measurement of the parity-violating electroweak interaction, spin structure functions, strangeness in the nucleon, radius of the neutron distribution in heavy nuclei.

Werner Tornow – Professor of Physics, Duke University, 1999–present; Director, Triangle Universities Nuclear Laboratory (TUNL), 1996–present; Diploma Physics, University of Tuebingen, 1967; Ph.D., Physics, University of Tuebingen, 1972; Assistant, University of Tuebingen, 1973–1975; Research Associate, Duke University, 1975–1976; Assistant and Research Scientist, University of Tuebingen, 1977–1985; Dr. rer. nat. habil. Physics, University of Tuebingen, 1979; Assistant Professor and Research Associate, Duke University, 1985–1988; Research Associate Professor, Duke University, 1988–1994; Research Professor, Duke University, 1994–1999; Deputy Director, TUNL, 1995–1996; Member, Indiana University Cyclotron Facility Program Advisory Committee, 1998–present; Fellow, American Physical Society, 1999; Editorial Board, *Few-Body Systems*, 2000–present. Research Interests: Experimental few-nucleon physics with neutrons and gamma rays as a probe, especially polarization phenomena, fundamental symmetries, weak-interaction physics and neutrinos, Monte Carlo techniques.

18. FUTURE CONFERENCES

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

“XXIV Symposium on Nuclear Physics,” 3–6 January 2001, Taxco, Mexico. Contact: Arturo Menchaca-Rocha, Instituto de Fisica UNAM, A.P. 20-364, Mexico 01000 DF, Mexico, Telephone: 525-622-5060, Fax: 525-616-1535, WWW: <http://venus.ifisicacu.unam.mx/taxco/taxco2001.html>.

“Nuclear Physics in Astrophysics,” 17th EPS-Nuclear Physics Division International Conference, 15–19 January 2001, Eilat, Israel. Contact: Naftali Auerbach (Chair), Tel Aviv University, Telephone: +972-3-640-7215, Fax: +972-3-640-7964, e-mail: auerbach@post.tau.ac.il, WWW: <http://www.tau.ac.il/~eilat01>.

“15th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions, Quark Matter 2001,” 15–20 January 2001, SUNY at Stony Brook and Brookhaven National Laboratory. Contact: Dr. Satoshi Ozaki, BNL, Telephone: 631-344-5990/5663, Fax: 631-344-2166, Email: ozaki@bnl.gov.

“Physics of Radioactive Nuclei,” 11–14 March 2001, Oak Ridge, Tennessee. Contact: Carl Gross, Oak Ridge National Laboratory, Telephone: 865-576-7698, e-mail: isol01@mail.phy.ornl.gov, WWW: <http://www.phy.ornl.gov/hrifb/isol01/>.

“16th International Conference on Cyclotrons and their Applications, CYCLOTRONS 2001,” 12–17 May 2001, Michigan State University, East Lansing, Michigan. Contact: Felix Marti, National Superconducting Cyclotron Laboratory, MSU, East Lansing, MI 48824-1321, USA, Fax: 517-353-5967, e-mail: marti@nscl.msu.edu.

“ENAM-2001,” 3rd Conference on Exotic Nuclei and Atomic Masses, 2–7 July 2001, Haemeenlinna, Finland, Contact: ENAM2001, Department of Physics, University of Jyvaeskylae, P.O. Box 35 (YS), FIN-40351 Jyvaeskylae, Finland, Fax: +358-14-260-2351, WWW: <http://enam2001.jyu.fi/>.

“MENU2001,” 6–31 July 2001, Washington, DC. Contact: William Briscoe, The George Washington University, Telephone: (202) 994-6788, e-mail: briscoe@gwu.edu; or Helmut Haberzettl, The George Washington University, Telephone: (202) 994-0886, e-mail: helmut@gwu.edu.

“QCD in Extreme Conditions: High Temperature, High Density and Small-x,” Gordon Research Conference on Nuclear Physics, 22–27 July 2001, Newport, Rhode Island. Contact: Wit Busza, Bldg. 24-510, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139-4307, e-mail: busza@mit.edu.

“INPC 2001,” International Nuclear Physics Conference, 30 July – 3 August 2001, University of California, Berkeley, California. Contact: INPC 2001, Lawrence Berkeley National Laboratory, 1 Cyclotron Road, MS 937, Berkeley, CA 94720, e-mail: inpc2001@lbl.gov, WWW: <http://www.lbl.gov/~inpc2001/>.

“9th International Conference on the Structure of Baryons, BARYONS 2001,” 21–27 October 2001, Jefferson Lab, Newport News, Virginia, USA, Chairs: Nathan Isgur and Bernhard Mecking. Contact: Sue Ewing, Jefferson Lab, 12000 Jefferson Ave., MS12H2, Newport News, VA 23606, e-mail: BARYONS2001@jlab.org, Telephone: 757-269-6363, Fax: 757-269-7398, WWW: <http://www.jlab.org/intralab/calendar/archive00/baryons.html>.

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