

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

- **9 January 2004** — Abstract deadline for spring meeting
- **16 January 2004** — DNP Election Ballot
- **13 February 2004** — Early registration for spring meeting
- **1 April 2004** — Nominations for Fellowship
- **7 April 2004** — Housing deadline for spring meeting

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 Thomas Glasmacher at "dnpweb@nsl.msu.edu"

1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE FOR 2004

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 Denver, 1 – 4 May 2004. Donald F. Geesaman will become Chair, Bradley M. Sherrill will become Chair-Elect, and A. Baha Balantekin will become Past-Chair. Bunny C. Clark is Divisional Councilor. Calvin R. Howell, Naomi C. R. Makins, and Gail McLaughlin will remain members of the Executive Committee. A Vice-Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected before May 2004.

This year's Nominating Committee consists of E. Beise (Vice Chair), J. A. Carlson, S. V. Green, E. Ormand, and J. F. Wilkerson (Chair). The candidates selected by the Nominating Committee and approved by the Executive Committee are:

Vice-Chair (one position):

Berndt Mueller
Susan J. Seestrom

Secretary-Treasurer:

Benjamin F. Gibson

Executive Committee (three positions):

James R. Beene
Kevin Thomas Lesko
Alice C. Mignerey
Reinhard A. Schumacher
Ubirajara (Bira) van Kolck
William A. Zajc

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 16 January 2004 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

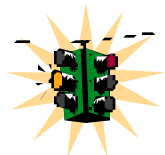
Given the importance of agency sponsorship in making nuclear physics research possible, it is urged that DNP members acknowledge their agency sponsors in any talk or publication which they generate: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

3. SESSION CHAIRS FOR THE DENVER, CO, APS SPRING MEETING

The APS/DNP Spring Meeting will be in Denver, CO. Those who are willing to chair a session should please send an email message to Don Geesaman (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
- Abstract Submission Procedure
- Fellow Nominations



4. 2003 DNP DISTINGUISHED SERVICE AWARD WINNER

The inaugural winner of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award, Virginia R. Brown, was announced at the Business/Town meeting held during the DNP Fall Meeting in Tucson. The citation reads:

For her substantial and extensive contributions to the nuclear physics community through her commitment to the Division of Nuclear Physics, particularly for her very successful efforts to strengthen the financial standing of the Division, for building up the divisional archive, and for her role in bringing to fruition the historic first joint meeting of the nuclear physicists of the American and Japanese Physical Societies as the Chair of HAWAII 2001.

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

5. 2004 BONNER PRIZE WINNER

George F. Bertsch of the University of Washington has been named the winner of the APS 2004 Tom W. Bonner Prize in nuclear physics. The citation reads:

For his many varied contributions to nuclear-structure and reaction theory, which have guided and illuminated experiments for four decades.

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

6. 2004 BETHE PRIZE WINNER

Wick Haxton of the University of Washington has been named the winner of the APS 2004 Hans A. Bethe Prize. The citation reads:

For his noteworthy contributions and scientific leadership in the field of neutrino astrophysics, in particular for his success in merging nuclear theory with experiments and observations in nuclear physics and astrophysics.

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

7. 2004 DISSERTATION AWARD WINNER

Andrew Steiner of the State University of New York at Stony Brook has been named the winner of the DNP 2004 Dissertation in Nuclear Physics Award for his thesis work under the direction of M. Prakash. The citation reads:

For his in depth studies of the phase structure of dense matter containing quarks, neutrino-quark interactions, superconductivity in quark matter, and in particular for the delineation of the neutrino signals which are likely to reveal the structural components of dense matter.

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

8. FUTURE DNP FALL MEETINGS

2004	Oct. 27 – Oct. 30	Chicago, IL
2005	Sept. 20 – Sept. 24	Maui, HI
2006		Nashville, 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.

9. 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).

10. REPORT ON 2003 DNP FALL B.R. BARRETT AND U. VAN KOLCK

The annual Fall Meeting of the Division of Nuclear Physics (DNP03) took place at the Marriott University Park Hotel near the University of Arizona (UA) campus from Thursday, October 29, through Saturday, November 1. Nearly 600 registered participants came to enjoy Tucson's great atmosphere and about 50 invited and 350 contributed talks.

Two all-day workshops that ran in parallel preceded the meeting. One workshop, “QCD, Confinement and Heavy-Ion Collisions,” was organized by M.J. Leitch (LANL), G. Odyniec (LBL), H.G. Ritter (LBL), I. Sarcevic (UA) and R.L. Thews (UA). The other workshop, “Nuclear Astrophysics,” was organized by A. Burrows (UA) and S. Woosley (UCSC). The workshops provided about 130 participants with pedagogical summaries and up-to-date surveys on QCD and heavy-ion physics as well as explosive phenomena and element production in the Universe.

On Wednesday evening, UA Professor Douglas J. Donahue delivered a fascinating public lecture, “From Ancient Artifacts to Martian Meteorites: Radiocarbon Dating with a Particle Accelerator.” He described work done in the UA Physics Department that led to the dating of various artifacts, including the Turin Shroud and the Viking parchment, which was found in North America. Following the lecture, a welcoming reception, which was sponsored by the UA, took place at the Arizona Historical Society. Participants chatted, toured the collections and avidly consumed fajitas.

The main meeting began with a welcome from UA President Peter Likins and four excellent plenary talks in the session *Nuclear Physics of the Cosmos*, organized by Baha Balantekin (University of Wisconsin). Extra chairs were brought in to accommodate the large crowd. Don Geesaman (ANL) and the DNP Program Committee created a program that displayed the diversity and breadth of the US

Nuclear Physics community. Invited sessions covered *Applications of Nuclear Physics*, *Microscopic Nuclear Structure*, *The Nuclear Physics of Supernovae*, *Fundamental Weak Constants and Relativistic Heavy Ion Collisions* and *Physics of Neutron-Rich Nuclei*, while mini-symposia focused on *Generalized Parton Distributions*, *Deuteron Gold Collisions at RHIC*, *Progress in Nucleon Elastic Form Factors*, *Collective Flow in Relativistic Heavy Ion Collisions* and *From Ripples to Tidal Waves--Collective Modes in Nuclei*. The remaining contributed talks occurred in twenty other sessions that ran in parallel with invited sessions and mini-symposia between Thursday afternoon and late Saturday afternoon. Several exhibitors attended; revenue allowed coffee to be served throughout the meeting. The editorial staff of *Physical Review C* and *Physical Review Letters* held a generous drop-in reception for all attendees. This included food and beverages and took place on the patio just outside the Marriott, where haze from the California fires failed to spoil the comfortable 75-degree weather. Alaina Levine (UA) organized companions' activities for Thursday morning.

To continue the DNP mission of serving the community, several other meetings took place. Sherry Yannello (Texas A&M) organized a panel on the issues faced by women in physics and Karsten Heeger (LBL) arranged a meeting of the Forum for Graduate Students. Warren Rogers (Westmont College) again put together several activities under the Conference Experience for Undergraduates (CEU) program for more than sixty undergraduate students, ranging from a poster session with refreshments provided by IOP to a session on graduate school opportunities. In addition, Berndt Müller (Duke), conducted a special session in which he briefly presented some highlights of the report on the Nuclear Theory program, which was submitted to NSAC by the subcommittee he chaired. Various user group meetings took place on Thursday night, and other DNP members organized satellite meetings before and after the main conference.

On Halloween, DNP chair Baha Balantekin appeared in a cloak to conduct the Business and Town meetings. Highlights included a brief description of plans for the 2004 April Meeting by chair-elect Don Geesaman, dressed as a wizard; the presentation to Virginia Brown of a well-deserved DNP Distinguished Service Award; and reports on the funding agencies by Brad Keister (NSF) and Dennis Kovar (DOE), both attired in suits. After the Town Hall meeting on Friday, buses took about 300 participants and companions to Old Tucson Movie Studios, just outside Tucson, to enjoy a Western-style banquet. Attendees danced to a country-western band and participated in Old Tucson's Halloween recreational activities. Nearly half the people stayed until the last few buses departed.

The Local Organizing Committee expresses its thanks to the DNP and the Complete Conference Coordinators for their work in support of the meeting, and to all attendees for their contribution to an exciting gathering.

11. BEING A WOMEN NUCLEAR SCIENTIST B. Clark

At the DNP03 meeting at Tucson Arizona one panel session was filled with physicist and CEU students who will we all hope will choose to become to be physicists. There over 55 attendees including at least 25 CEU students thanks to Professor Warren Rodgers to tell them about the program. The panel focused on "Being Women Nuclear Scientist: Options After a Ph.D."

The event was held at the Arizona Historical Society on Oct. 30, 2003 from 5:00 to 6:30PM. Light refreshments were served. The supported in part by the Division of Nuclear Physics, the APS Committee on the Status of Women in physics in Women, and the APS Committee on Minorities.

Panelists were: Abby Bickley a Graduate Student at the University of Maryland; Latifa Elouadrhiri, Research Scientist at Jefferson Lab;

Barbara Jacak, Professor, SUNY Stony Brook; Elizabeth McCuthan, Graduate Student, Yale University; and Ina Sarcevic, Professor, University of Arizona. The Panel Moderator and Organizer was Professor Sherry Yannello, Texas A&M. Other organizers were the members of WECAN, a number of senior women nuclear scientists which as recently been active in obtaining more opportunities for women and minorities in nuclear science.

12. APS MEETING IN DENVER, CO, 1 - 4 MAY 2004

The 2004 May Meeting of the APS will be held in Denver, CO, at the Adams Mark 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, 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".

13. DNP APRIL 2004 MEETING PROGRAM

The Program Committee, under the leadership of Program Committee Chair Don Geesaman, has completed its planning activity for the DNP component of the APS April Meeting (1-4 May) in Denver. 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/DAP session on "Nuclei in the Sun and Galaxy through Gamma-ray Vision", a DNP/FPS (Forum on Physics and Society) session entitled "Technology Related to Counter Terrorism", a DNP/DCOMP/GFBS session on "Computational Challenges in Nuclear Physics", and a DNP/FED (Forum on Education) session on "Education and Nuclear Science". In addition, DNP members may find the GHP/GFBS session on "Pentaquarks" of interest.

The DNP has organized five stand-alone invited speaker sessions: the DNP Prize Session (talks by the the Bethe Prize, the Bonner Prize, and the Dissertation Award winners); a topic session entitled "Nucleon-Nucleon Correlations in Dilute and Dense Systems" being organized by Brad Sherrill, Dave Mack, and Michael Thoennessen; a topic session entitled "Exotic Hadrons" being organized by Elizabeth Beise, Dave Mack, and Jim Thomas; a topic session entitled "Nuclear Structure and Astrophysics" being organized by Bruce Barrett and Ani Arahamian; and a voted session being organized by Program Chair Don Geesaman based upon voting of the Program Committee on speaker nominations submitted by the DNP membership.

Finally, the DNP will organize three mini-symposia at Denver. 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 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 the organizer (listed in parenthesis following the mini-symposium category) when submitted to the APS. Abstracts misdirected to the wrong category can then be more easily located and properly inserted into the program at the sorters meeting.

Sorting categories for nuclear physics are:

E. NUCLEAR PHYSICS

- E1. Nuclear Astrophysics
- E2. Electroweak Interactions
- E3. 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. Hadronic Physics
- E10. Nuclear Theory
- E11. Instrumentation
- E12. Applications of Nuclear Physics
- E13a. Mini-symposium on Axial Currents in Mesons, Nucleons, and Nuclei (D. Mack)
- E13b. Mini-symposium on Meson Production Reaction and Baryon Spectroscopy (H. Lee)
- E13c. Mini-symposium on Properties of the Partonic Stage of Relativistic Heavy Ion Collisions (J. Thomas & U. Heinz)

14. 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 (APR04) is January 9, 2004 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.

15. NATIONAL NUCLEAR PHYSICS SUMMER SCHOOL, B. Holstein

The 2004 National Nuclear Physics Summer School will take place at the College of the Atlantic in Bar Harbor, ME, June 13-25, 2004.

School lecturers include

- Stuart Freedman (Berkeley): Neutrino Physics
- Dick Furnstahl (Ohio State): Fermi Systems
- Mark Pitt (Virginia Tech): Electroweak Physics
- Krishna Rajagopal (MIT): QCD
- Mike Snow (Indiana): Neutron Physics
- Daniel Phillips (Ohio Univ): EFT and Nuclear Physics

Additionally, guest speakers will include

- John Beacom (Fermilab): Nuclear Astrophysics
- Mike Ramsey-Musolf (UConn/Caltech): Beyond Standard Model Physics

More information including on-line application forms may be found at the URL <http://www.bnl.gov/NPSS/>

16. 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 C. Glashauser (Chair), B. R. Holstein, S. J. Wallace, B. V. Jacak, and C. J. Lister. 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.

17. 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 to be given each year. No more than two recipients will be selected in a given year. The selection committee will consist of the DNP Chair, Chair-Elect, Vice-Chair, Past-Chair, and Secretary-Treasurer. The DNP Chair will serve as the chair of the selection committee.

Nominations are due February 28, 2004 for the first award to be given during the 2004 DNP Fall Meeting in Chicago. 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:

Baha Balantekin
Department of Physics
University of Wisconsin
1150 University Avenue
Madison, WI 53706

phone: 608-263-7931
fax: 608-262-8628

18. 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.

2003 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, and Volume 52 is \$77/\$82 retail and \$53.90/\$57.40 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).*

19. CANDIDATE BIOGRAPHIES

NOMINATIONS FOR VICE-CHAIR

Berndt Mueller – Professor of Physics and Dean of Natural Sciences, Duke University, 1990-present. Ph.D. 1973 Universitaet Frankfurt; Research Associate, University of Washington, 1974-75; Professor (C3), University of Frankfurt, 1976-89. Honors: Fellow APS, AAAS; Roentgen Award, University of Giessen, 1975; U.S. Senior Scientist, A.v. Humboldt Foundation, 1998. DNP Program Committee, 1990-92; Nuclear Science Advisory Committee, 1992-95; BNL Physics Department Visiting Committee, 1992-95; Associate Editor, Physical Review Letters, 1992-94; DPF Long Range Planning Study, convener, 1994; Nuclear Physics Long Range Plan, chair writing group, 1995; DNP Fellowship Committee, 1995-97; DNP Executive Committee 1996-98; National Advisory Committee, Institute for Nuclear Theory, 1995-98; DNP Publications Committee 1996-97; Editorial Board, Annual Reviews of Nuclear and Particle Science 1997-2001; Editorial Board, Physical Review C, 1998-2001; AGS/RHIC Program Advisory Committee 1998-; LANL Physics Division Review Committee 1998-; Chair, DNP Nominations Committee 2002; Chair, NSAC Subcommittee on Nuclear Theory 2003; MIT-LNS Advisory Committee 2003-. Research Interests: Theoretical nuclear physics, relativistic heavy ion collisions, quark-gluon plasma, physics of strong fields.

Susan J. Seestrom – Los Alamos National Laboratory. Ph.D. in Physics, University of Minnesota, 1981. Director Funded Postdoctoral Fellow, Los Alamos National Laboratory, 1981-1983; Research Associate, University of Minnesota, 1983-1986; Technical Staff Member, Los Alamos National Laboratory, 1986-1997; Deputy Group Leader P-23, Los Alamos National Laboratory, 1997-1999; Acting Deputy Division Director, Physics Division, Los Alamos Laboratory Laboratory, 1999-2000; Division Leader, Physics Division, Los Alamos National Laboratory, 2000-present. Member APS Committee on Committees, 2003. Member APS Nominating Committee, 2002-2004 (Chair 2003). Member AIP Physics Programs Policy Committee, 2000-2003. Member Nuclear Science Division Review Committee, Lawrence Berkeley National Laboratory 2001-2003, (Chair 2002-2003). Member Executive Board, American Physical Society, 1998-2000. Member Fellowship Committee, Division of Nuclear Physics, American Physical Society 1997-1998. Member Program Committee, Division of Nuclear Physics, American Physical Society, 1997-1998. Member Nominating Committee, Division of Nuclear Physics, American Physical Society, 1995-1996 (Chair 1996). General Councilor, American Physical Society, 1996-2000. Member Executive Committee of Division of Nuclear Physics, American Physical Society, 1993-1995. Member Board of Directors, LAMPF Users Group Inc. (LUGI), 1990-1992. Chairman, Polarized Target Working Group, LAMPF Users Group Inc., 1990-1991. Member Program Committee of DNP of APS 1986-1988. Chairman, EPICS Working Group, LUGI, 1985-1986. Fellow, American Physical Society. Research Interests: Nuclear Structure, Fundamental Physics with Neutrons, Ultra Cold Neutron Production.

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

James R. Beene – Oak Ridge National Laboratory. D.Phil. nuclear physics, Oxford University, 1974; National Research Council Postdoctoral Fellow, Chalk River Nuclear Laboratories, 1974-1976; Associate R&D Staff, ORNL, 1976-78; R&D Staff, ORNL, 1978-1988; Senior R&D Staff, ORNL 1988-2001; Distinguished R&D Staff, ORNL, 2001-present; Group Leader, Reaction Spectroscopy, ORNL, 1986-1993; Section Head, Low and Medium Energy Nuclear Physics, ORNL, 1993-1995; Director, Holifield Radioactive Ion Beam Facility, ORNL, 1995-present; Leader, Low Energy Nuclear Physics Research, ORNL, 2002-present; HHIRF Users' Executive Committee, 1986-1988; HRIBF Program Advisory Committee 1994-1996; Nuclear Science Advisory Committee, 1998-2001; Nuclear Science Advisory Committee ISOL Task Force, 1999-2000; DOE/NSF Long Range Plan Working Group and Writing Committee, 2001; Nuclear Science Advisory Committee RIA Cost Review Subcommittee, 2001; ATLAS (Argonne National Laboratory) Program Advisory Committee, 2000-2002; Rare Isotope Accelerator Steering Group 2000, 2002-present; Fellow, American Physical Society. Research Interests: Experimental intermediate energy heavy-ion physics, multipole response of nuclei, nuclear structure far from stability.

Kevin Thomas Lesko – Lawrence Berkeley National Laboratory. B.S. Physics Stanford University 1978 with Departmental Honors and University Distinction; Ph.D. Physics, University of Washington, 1983; Post-doctoral Fellow, Argonne National Laboratory, 1983-85; Post-doctoral Fellow, Lawrence Berkeley Laboratory, 1985-87; Staff Physicist, Lawrence Berkeley Laboratory, 1987-2001; Senior Physicist, Lawrence Berkeley National Laboratory, 2001 - present; Life Member, American Physical Society, Fellow, American Physical Society, 2000; Member, National Underground Scientific Laboratory Executive Committee 2001 - present; Japan Society for Promotion of Science, Fellowship 2002; Co-Chair, NSF/DOE Committee on Underground Facilities, 2000-2001; Member, DNP Nominating Committee, 2002 - 2001; Chair, Local Committee, Nuclear Structure & Astrophysics and Astrophysics, Neutrinos and Fundamental Symmetries Town Meetings, 2000; Member, Organizing Committee Nuclear Structure

& Astrophysics and Astrophysics Town Meeting 2000; Member, Organizing Committee Astrophysics, Neutrinos, Fundamental Symmetries Town Meeting, 2000; Convenor, Underground Laboratories, Astrophysics, Neutrinos, Fundamental Symmetries Town Meeting, 2000; Convenor, Underground Laboratories, Seattle Neutrino Workshop, 2000; Chair, Local Committee, DNP Fall Meeting, 1999; Member, DNP Public Relations Committee, 1998 - present; Member, DNP Program Committee, 1998 - 1999, 1994 - 95; Chair, DNP Nominating Committee, 1998; Member, DNP Nominating Committee, 1997; Member, DNP Brochure Committee, 1994; Member, DNP Physics News Committee, 1994; Arranger, DNP Fall Meeting 1994, 1992, 1990. Research Interests: Neutrino Physics, Solar Neutrino Problem, Double Beta Decay, Underground Science.

Alice C. Mignerey – Professor of Chemistry, University of Maryland. B.S. in Chemistry, University of Rochester, 1971; Ph.D. in Nuclear Chemistry, University of Rochester, 1975. Postdoctoral Research Associate, Argonne National Laboratory, 1976-1979. Assistant Professor, University of Maryland 1979-1984; Associate Professor, University of Maryland 1984-1989; Professor, University of Maryland, 1989 - present. Acting Associate Dean for Research, University of Maryland, 1992-1994; Associate Chair for Graduate Studies, Department of Chemistry and Biochemistry, University of Maryland, 1993-1995. Program Officer for Nuclear Physics, Physics Division, National Science Foundation, 1998-2001. Dreyfus Teacher-Scholar Award, 1984. Distinguished Scholar-Teacher Award, University of Maryland, 1988. SuperHILAC Executive Committee, 1983-1985, Chair 1984. Bevalac Technical Advisory Committee, 1984-1989; Holifield Heavy-Ion Facility Executive Committee, 1985-1987, Chair 1987. Bevalac Executive Committee, 1986-1988, 1991-1993, Chair 1987. Nuclear Science Advisory Committee 1989-1992, 1997-1998 (as the Chair of the Division of Nuclear Chemistry and Technology of the American Chemical Society), 2001-present. Member of the 1989 Long Range Planning Committee - responsible for the heavy-ion reactions section up through Bevalac energies. National Academy of Sciences Committee on Nuclear and Radiochemistry, 1992-1993. Co-spokesperson of E917 at the AGS and a member of the PHOBOS Collaboration. Research Interests: Experimental studies of heavy-ion reaction mechanisms. Currently working at ultrarelativistic energies at RHIC as a member of the PHOBOS Collaboration. Specific areas include nuclear flow measurements and particle production as a function of centrality.

Reinhard A. Schumacher – Professor of Physics, Carnegie Mellon University, 1999-present. Ph.D. in Nuclear Physics, MIT, 1983; Associate Professor of Physics, CMU, 1993-1999; Assistant Professor of Physics, CMU, 1987-1993; Post-doctoral research staff, Swiss Institute for Nuclear Research, 1983-1987; Research Associate, MIT/Bates Linear Accelerator, 1978- 1983; User at Brookhaven AGS, 1987-1995; User at CERN SPS & LEAR, 1984-1988; *Physical Review Letters* Divisional Associate Editor, 1998-2001; Member of the JLab CLAS Collaboration 1989-present; Chair, JLab CLAS Collaboration, 1999-2001; DOE review panels for MIT/LNS 2001 and Bates/Blast 2003; Mainz/Bonn Program Advisory Committee, 2002; NSAC Organizing committee on the Future of Electromagnetic Interaction Physics, 1994-1995; Jefferson Lab Users Board of Directors, 1995-1997. Research Interests: Medium energy hadronic and nuclear physics. Experiments in photo- and electro-production of strangeness off the nucleon. Hypernuclear formation and weak decays. Search for exotic states such as pentaquark baryons and the H-particle. Pion absorption in nuclei. Design and construction of drift chamber systems.

Ubirajara (Bira) van Kolck – Associate Professor of Physics, University of Arizona, 2003-present; RHIC Physics Fellow, RIKEN BNL Research Center, 2000-present. Ph.D. Physics, University of Texas at Austin, 1993; Research Associate, University of Washington, 1993-96; Research Assistant Professor, University of Washington, 1996-97; Senior Research Fellow, California Institute of Technology, 1998-2000; Assistant Professor, University of Arizona, 2000-03; Affiliate Assistant Professor, University of Washington, 2002-present; DOE Outstanding Junior Investigator, 2001-03; Alfred P. Sloan Research Fellow, 2002-present. DNP Committees: Program, 2001-02; National Nuclear Physics Summer School Steering, 2002-present; Home Page, 2003-present. DNP Meetings: Organizer of various invited sessions, 2002-03; Co-chair, Fall Meeting, 2003. Research interests: effective field theories of QCD; chiral symmetry and hadron structure; nuclear forces; electromagnetic and pionic reactions; few-body dynamics of atoms and nucleons; halo nuclei; nuclear matter at finite temperature; isospin violation and charge symmetry breaking; parity and time-reversal violation.

William A. Zajc – Professor of Physics, Columbia University, 1996- present. B.S. Physics, California Institute of Technology, 1975; Ph.D. Physics, University of California-Berkeley, 1982; Postdoctoral Fellow, University of Pennsylvania, 1982-4; Assistant Professor, University of Pennsylvania, 1984-86; Assistant Professor, Columbia University, 1987-90; Associate Professor, Columbia University, 1990-96; Co-Spokesperson, BNL E859, 1990-92; Nuclear Physics representative to ESNet Steering Committee, (1992-95); AGS Users Executive Committee (1991-3); Program Committee, Division of Nuclear Physics, 1994-6; Long Range Planning Committee, 1995; Physical Review Letters Divisional Associate Editor, 1996-9; Fellowship Committee, Division of Nuclear Physics, 2001-2; Long Range Planning Committee, 2001; NSAC Subcommittee on Categorizing Future Facilities, February, 2003; Editorial Committee, {it Annual Reviews of Nuclear and Particle Science}, 2002-present, Spokesperson, PHENIX Experiment at RHIC, 1997-present. Fellow, American Physical Society. Research Interests: Relativistic heavy ion collisions, QCD phase diagram, quark-gluon plasma diagnostics, spin structure of the nucleon, proton-nucleus collisions.

2.0. FUTURE CONFERENCES

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

“Quark Matter 2004,” 11-17 January 2004, Oakland, CA, Contact: Anna Smith
Phone: 510-486-7493
E-mail: qm2004@lbl.gov,
URL: <http://qm2004.lbl.gov/>

“Gordon Research Conference on Nuclear Chemistry, Nuclear Reactions: Flavors across Energies,” 13-18 June 2004, Colby-Sawyer College, New London, NH
Chair: Pawel Danielewicz
Phone: 517-333-6330
E-mail: danielewicz@nscl.msu.edu
URL: <http://www.grc.uri.edu/programs/2004/nuchem.htm>.

“Eighth Symposium on Nuclei in the Cosmos,” 19-23 July 2004, Vancouver, B.C., Canada
E-mail: nic8@triumf.ca
URL: <http://www.triumf.ca/nic8>

“Conference on Nuclei at the Limits,” 26-30 July 2004
Argonne National Lab, Argonne, IL.
Chair: Thomas Duguet, Sec: Jeannie Glover
E-mail: limits04@anl.gov
URL: <http://www.phy.anl.gov/limits04>

“Fourth International Conference on Exotic Nuclei and Atomic Masses (ENAM’04),” 12-16 September 2004, Pine Mountain, GA
Co-chairs: Witek Nazarewicz and Carl Gross, Oak Ridge Nat. Lab.
E-mail: enam04@phy.ornl.gov
URL: <http://www.phy.ornl.gov/enam04/>

“International Conference on Nuclear Data for Science and Technology (ND2004),” 26 September 26 - 1 October, 2004, Santa Fe, New Mexico, USA,
Chairs: R.C. Haight & M.B. Chadwick
URL: <http://t16web.lanl.gov/nd2004/>.

“CAARI 2004: 18th International Conference on the Application of Accelerators in Research and Industry,” 2-6 November 2004, University of North Texas, Denton, Texas,
Chair: Jerome L. Duggan
Phone: 940-565-3252, Fax: 940-565-2227
E-mail: jduggan@unt.edu
URL: <http://orgs.unt.edu/CAARI>

“The International Conference on Nuclear Structure, Astrophysics and Reactions (NUSTAR’05),” 5-8 January 2005, University of Surrey, Guildford, UK
Chair: Paddy Regan
E-mail: p.regan@surrey.ac.uk.

“International Conference on Nucleus-Nucleus collisions (NN2006),” 2006, San Paulo-Brazil
Chair: Mahir S. Hussein, Univ. Sao Paulo
E-mail: Hussein@fma51.if.usp.br.

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EXECUTIVE COMMITTEE CHAIRS SINCE 1966

SCHIFF, L. I.	1967	STOKSTAD, R.G.	1986
BARSHALL, H. H.	1968	ADELBERGER, E.G.	1987
GOLDHABER, M.	1969	KOONIN, S.E.	1988
FESHBACH, H.	1970	EISENSTEIN, R.A.	1989
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AJZENBERG-SELOVE, F.	1973	HAXTON, W. C.	1992
COHEN, B.L.	1974	BENCZER-KOLLER, N.	1993
SCHIFFER, J.P.	1975	DOVER, C.B.	1994
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AXEL, PETER	1979	FREEDMAN, S.J.	1998
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AUSTIN, S.M.	1982	MOSS, J.M.	2001
BERTSCH, G.F.	1983	GLASHAUSSER, C.	2002
HAYWARD, E.	1984	BALANTEKIN, A.B.	2003
ROSEN, L.	1985		