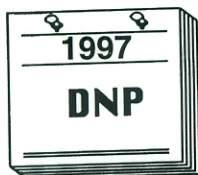




TO: *Members of the Division of Nuclear Physics, APS*
FROM: *Benjamin F. Gibson, LANL – Secretary-Treasurer, DNP*

ACCOMPANYING THIS NEWSLETTER:

- APS/AAPT Spring Meeting DNP Symposia
- DNP Fall Meeting:
 - Speaker Nomination Form
 - Housing Brochure
 - Housing Form
- Bethe Birthday Card and Donor List



Future Deadlines

- **1 April 1997** — APS Fellowship Nominations
- **25 April 1997** — Speaker Nominations for Fall Meeting
- **1 July 1997** — Nominations for 1997 Bonner Prize
- **1 July 1997** — Nominations for Dissertation Award

WWW Home Page for DNP

A worldwide web home page for the Division of Nuclear Physics is currently available at "<http://nucth.physics.wisc.edu/dnp/>". Each newsletter is posted on the web, in advance of the copy you receive in the mail. Other information of interest to DNP members, such as deadlines for meetings, prizes, nomination forms, and special announcements are listed there as well. We would like to hear your comments and suggestions. Please send them to Baha Balantekin at "dnp@nucth.physics.wisc.edu".

1. RESULTS OF ELECTION: OFFICERS AND EXECUTIVE COMMITTEE FOR 1997

By the deadline date of 15 January 1997, 689 properly identified ballots were received for the election of officers and members of the Executive Committee. The results of the election are as follows: Walter F. Henning was elected as Vice-Chair and Benjamin F. Gibson was elected as Secretary-Treasurer for one-year terms. Jolie A. Cizewski, Bradley W. Filippone, and Claus-Konrad Gelbke were elected to two-year terms on the Executive Committee. The counting of the ballots was done by Tellers Joe Carlson, Mark Chadwick, and Gerry Hale, and supervised by Rachel Taylor all of LANL. The members of the 1997 Executive Committee are as follows:

Bunny C. Clark, OSU, Chair (1997)
Stuart J. Freedman, UCB/LBNL, Chair-Elect (1997)
Walter F. Henning, ANL, Vice Chair (1997)
Benjamin F. Gibson, LANL, Secretary-Treasurer (1997)
John Schiffer, ANL, Divisional Councilor (December 1999)
Peter Paul, SUNY at Stony Brook, Division Councilor (December 1997)
Thomas J. Bowles, LANL (1997)
Jolie A. Cizewski, Rutgers (1998)
Bradley W. Filippone, Caltech (1998)
Claus-Konrad Gelbke, MSU (1998)
Cathleen E. Jones, JPL (1997)
Berndt Mueller, Duke (1997)

2. COMMITTEES OF THE DNP

The terms of some of the members of the following DNP committees expire in April 1997. Program, Fellowship, Nominating, Nuclear Science Resources, and "Physics News." Suggestions from the DNP membership for new members of these committees for 1997 are welcome and should be sent to Bunny C. Clark. Members of these committees for 1997 will be listed in the May newsletter.

3. 1997 BONNER PRIZE WINNER

Prof. R. G. Hamish Robertson of the University of Washington has been awarded the 1997 Tom W. Bonner Prize in Nuclear Physics. The citation reads as follows:

"For his intellectual and experimental leadership in seminal experiments testing charge symmetry and independence, determining fundamental properties of nuclear reactions having cosmological and astrophysical significance, and establishing stringent limits on the mass of the electron antineutrino."

4. NEW ASSOCIATE DIRECTOR FOR THE OFFICE OF HIGH ENERGY AND NUCLEAR PHYSICS

I am pleased to announce the appointment of Dr. S. Peter Rosen as Associate Director for High Energy and Nuclear Physics (HENP). He will join us in January 1997. Dr. Rosen's appointment culminates an extensive search committee process to ensure that the most qualified available candidates were identified and considered for the position.

I believe it is essential that the HENP program have a permanent leader. Professor Rosen is a dedicated and articulate individual who is well versed in both high energy and nuclear physics, and he is a respected scholar with an international reputation in both these fields. His vision for HENP is based upon almost forty years of experience in research, teaching, and management in universities, national laboratories, and funding agencies. His commitment to the High Energy and Nuclear Physics program stems from his firm belief that leadership in the fundamental fields of science is a key contributor to our economic well-being and national security.

I am enthusiastic about Professor Rosen joining my senior staff. I know he will bring a visionary and positive impact to our programs and will receive your support as we move forward with the High Energy and Nuclear Physics program. This Energy Research program funds the majority of the Federal R&D efforts for high energy physics and nuclear physics at the national laboratories, universities, and private institutions.

I would like to take this opportunity to thank publicly and give credit to Dr. John O'Fallon for the superb job he has done for Energy Research while serving as the Acting Associate Director. He is a respected and dedicated leader, and deserves our admiration and appreciation for assuming the duties of HENP Associate Director during this interim period. I thank him for serving the needs of HENP and Energy Research, and will continue to rely on his leadership and contribution in sustaining the health and well-being of the Energy Research programs.

Martha A. Krebs
Director
Office of Energy Research

5. NSF FUNDING ISSUE

The Executive Committee of the APS Division of Nuclear Physics calls your attention to an issue of immediate importance to the community. The issue concerns a trend of declining funding for Nuclear Physics by the National Science Foundation. These concerns are now heightened by the recent proposal by the NSF to shut down the operation of the Indiana University Cyclotron Facility (IUCF), on a year or two scale for the cyclotron program and in five years for the cooler operation.

John Cameron, IUCF Director, has written a detailed letter about the recent IUCF funding recommendation. This letter is accessible on our DNP home page at <http://nuclth.physics.wisc.edu/dnp/>, and we urge the membership to read this and consider action if you feel it appropriate. The Indiana University facility is unique for experiments in hadron physics in the U.S. It has a history of excellent research, education, and innovation in both nuclear physics and accelerator design. The IUCF Cooler has a world-class program of research, which will be enhanced further by the new Cooler Injector Synchrotron, recently funded by the NSF and expected to be operational in 1998.

Our overriding concern is about the trend of the NSF funding of Nuclear Physics, which has declined by roughly 25% in effective budget since 1992. We view the NSF Nuclear Physics effort as one of very high quality, with a good mix of three components: the small university facilities, the user program, and the two large facilities, IUCF and the National Superconducting Cyclotron Laboratory at Michigan State University. While we recognize the many budget pressures within the NSF and throughout the federal government, it

is necessary for the community to speak to the importance of the funds spent on Nuclear Physics within the NSF. We would hate to see a decline of this program due to the allocation of NSF resources to other areas at a time when Nuclear Physics has so much excitement and produces research and education of such high quality for the NSF and the country. Addressing these concerns with the NSF leadership is important (see addresses below). I would appreciate receiving copies of any letters or e-mail that you send.

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6. THE 1998 HANS A. BETHE PRIZE

The Hans A. Bethe Prize will be given for the first time in 1998. The Prize, consisting of \$7500 and a certificate, will be awarded in recognition of "outstanding work in theory, experiment or observation in the areas of astrophysics, nuclear physics, nuclear astrophysics, or closely related fields."

Nominations are herewith solicited; they are open to all scientists, worldwide. No time limits are set on when the work was done, and it ordinarily will be awarded to a single individual. Nominations are due prior to July 1, 1997, and remain active for 3 years. It is helpful to have several substantive letters of support for a nomination. Emphasis on the impact of the work is helpful. It is appropriate to submit material, e.g., publications, in support of a nomination.

Nominations should be sent prior to July 1 to Ernest Henley (chair), Physics, Box 351560, University of Washington, Seattle, WA 98195-1560. Other members of the selection committee are Hans Bethe, John Schiffer, Virginia Trimble, and Stanford Woosley.

7. NOMINATION FOR 1998 TOM W. BONNER PRIZE IN NUCLEAR PHYSICS

This annual prize was established in 1964 as a memorial to Tom W. Bonner by his friends, students and associates. Previous winners are: H. H. Barschall, R. J. Van de Graaff, C. C. Lauritsen, R. G. Herb, G. Breit, W. A. Fowler, M. Goldhaber, J. D. Anderson and D. Robson, H. Feshbach, D. H. Wilkinson, C. S. Wu, J. P. Schiffer, S. T. Butler and G. R. Satchler, S. Polikanov and V. M. Strutinsky, Roy Middelton and W. Haeberli, R. M. Diamond and F. S. Stephens, B. L. Cohen, G. E. Brown, C. D. Goodman, H. A. Enge, E. G. Adelberger, L. M. Bollinger, B. Frois and I. Sick, R. H. Davis, E. M. Henley, V. W. Hughes, P. Twin, H. G. Blosser and R. E. Pollock, A. Arima and F. Iachello, E. K. Warburton, F. Boehm, J. D. Walecka, and R. G. H. Robertson.

The purpose of this prize, which currently consists of \$5,000 and a certificate citing the recipient's contributions, is "To recognize and encourage outstanding experimental research in nuclear physics, including the development of a method, technique, or device that significantly contributes in a general way to nuclear physics research."

Nominations are open to physicists whose work in nuclear physics is primarily experimental, but a particularly outstanding piece of theoretical work will take precedence over experimental work. There are no time limitations on when the work was performed. The prize shall ordinarily be awarded to one person but a prize may be shared among recipients when all the recipients have contributed to the same accomplishment(s).

Nominations remain active for three years. It is extremely helpful for the committee to receive additional letters of support that detail the contributions of the nominee and the impact these contributions have had on the field. It is also appropriate to submit material such as significant articles that might help us evaluate the nominee's contribution. While general statements concerning the value of the nominee's work are important, we must have specific information that allows us to determine what the nominee has contributed and how this contribution has impacted the field.

Send name of proposed candidate and supporting material before **1 July 1997** to: Prof. N. Benczer-Koller, Department of Physics, Rutgers University, New Brunswick, NJ 08903.

8. 1998 DISSERTATION AWARD IN NUCLEAR PHYSICS

The biennial prize, which recognizes a recent Ph.D. in nuclear physics, was established in 1985 by members and friends of the Division of Nuclear Physics of the APS. Previous winners are: B. Sherrill and W. J. Burger, Thomas E. Cowan, Michael J. Musolf, James Edward Koster, Zhiping Zhao, and Greg Schmid.

Nature: The award consists of \$1000 and an allowance for travel to the annual Spring Meeting of the Division of Nuclear Physics of the American Physical Society at which the award will be presented.

Rules and Eligibility: Nominations are open to any person who has received a Ph.D. degree in experimental or theoretical nuclear physics from a North American university within the two-year period preceding the deadline.

Send before 1 July 1997 the nomination of the proposed candidate, an up to four page summary of the thesis research, a statement of his/her contribution to the research as well as that of others and a letter of support from the physicists who are familiar with the candidate and the research. To expedite the process, copies of the thesis should be made available for the five committee members. These materials are required for each nominee and should be sent to Prof. B. C. Clark, Department of Physics, Ohio State University, Columbus, OH 43210-1106.

9. NEW DNP FELLOWS

The following DNP members are newly elected Fellows of the APS. The award certificates will be presented by the DNP Chair, Bunny C. Clark, at the DNP Business Meeting (see Item 11).

Da Hsuan Feng
John William Harris
Barbara V. Jacak
James J. Kolata
Dennis G. Kovar
I Yang Lee
William Gregory Lynch
Hans-Otto Meyer
Steven Charles Pieper
Edward V. Shuryak
Johanna Barbara Stachel
Petr Vogel

10. BETHE PRIZE CONTRIBUTORS

In Newsletter 108 we listed all of the donors to the Bethe Prize Fund whose contributions came through the DNP Secretary-Treasurer. Enclosed with this newsletter you will find a copy of the Bethe birthday card plus a complete list of donors. That includes all donors whose donations were received in time to include their names with the card as well as those received after 2 July 1996. This list was compiled by the Bethe Prize Fund Committee; we thank Madavi RajGuru of the Institute for Nuclear Theory for the compilation.

11. SPRING APS/AAPT MEETING, WASHINGTON, DC, 18-21 APRIL 1997

The 1997 APS/AAPT Spring Meeting, also a joint meeting with the Canadian Association of Physicists and the Sociedad Mexicana de Fisica, will be held 18-21 April (Friday-Monday) in Washington, DC, at the Ramada Renaissance and the Convention Center. The Division of Nuclear Physics will organize six DNP sessions and six joint sessions of invited papers for the Spring Meeting. Seven of the speakers for two of the DNP sessions were selected by ballot of the Program Committee from nominations by the membership that were submitted to B. C. Clark by the 11 October deadline. The eighth speaker in the voted sessions is the Bonner Prize winner's talk.

Speakers for two topical sessions were arranged by the Program Committee on topics selected at the Cambridge committee meeting. One session on *New Insights into the Structure of Nucleons and Nuclei from Compton Scattering* is being organized by D. Skopik, S. Capstick, and W. van Oers. Topics include "Compton Scattering from Nuclei," "Simultaneous Measurements of Compton Scattering and π -Production with Polarized Photons and the $N \rightarrow \Delta$ Transition," "Virtual Compton Scattering," and "Virtual Compton Scattering on the Proton." A second session on *Initial Results from TJNAF* is being organized by D. Beck. Topics include "Measurements of Inclusive Electron Scattering as $x > 1$," "Proton Propagation in Nuclei as Measured in the $(e, e'p)$ Reaction," "Deuteron Photodisintegration," and "Kaon Electroproduction." Two CAM97 sessions were also organized by the Program Committee, to emphasize the joint nature (Canadian-American-Mexican) of the Spring Meeting. One session on *New Results in Nuclear Structure from Superdeformation and Weak Interaction Studies* is being organized by R. Roy, J. Millener, M. Smith, M. Strayer, and B. Tsang. Topics include "Double Beta Decay: The Nucleus as a Lab for Probing New Physics," "Superallowed Beta Decay: Nuclear Physics tests of CVC and the Standard Model," "Superdeformation: A Tool to Study Nuclear Structure and Nuclear Reactions," and "The End of Superdeformation: De-excitation to Spherical States in Lead Isotopes." A second session on

Multifragmentation in Classical and Quantal Systems is being organized by M-E. Brandan, R. Roy, and B. Tsang. Topics include "Visualizing Heavy-Ion Reaction Dynamics through Macroscopic Liquid-Drop Collisions," "Projectile Fragmentation and Dynamical IMF Emission in Light Heavy-Ion Reactions," "Multifragmentation in Central Nucleus-Nucleus Collisions," and "A Unified Description for the Nuclear Equation of State and Fragmentation in Heavy-Ion Collisions."

In addition to the six DNP invited speaker sessions, the Program Committee is participating in the cooperative organization of six joint sessions with other APS units participating in the Spring Meeting. A joint session with the Division of Astrophysics on *Production and Observations of the Light Elements* is being co-organized by M. Smith. A joint session with the Division of Atomic, Molecular, and Optical Physics on *Atomic and Nuclear Physics with Synchrotron Rings and Ion Traps* is being co-organized by M. Strayer. A joint session with the Few Body System Topical Group on *Electromagnetic Interactions and Effective Field Theories* is being co-organized by D. Beck and B. Gibson. A joint session with the Division of Physics of Beams on *New Developments in Accelerators for Nuclear Physics* is being co-organized by D. Beck. A joint session with the Division of Particles and Fields on *Low Energy QCD* is being co-organized by R. Springer. A joint session with the Committee on Minorities and the Committee on the Status of Women in Physics on the topic of *The Impact on Nuclear Physics and the Public of Jefferson Lab Programs on Education and Outreach* is being co-organized by B. Clark.

The Division of Nuclear Physics has organized four mini-symposia at the Spring Meeting. Suggested topics were:

- I.11.a "Unifying Shell Model Theories" (M-E. Brandan, J. Millener, M. Smith, and M. Strayer)
- I.11.b "Probing Dense Matter — Collective Flow" (B. Tsang, R. Roy, and M-E. Brandan)
- I.11.c "Proton-Neutron Correlations in $N \sim Z$ Nuclei" (M. Smith, M. Strayer, and L. Riedinger)
- I.11.d "New Techniques and Insights from Two Particle Correlations" (B. Jacak, T. Hemmick, and W. Zajc)

The names in parentheses are the designated co-organizers.

The DNP contributed abstracts for the Spring Meeting were arranged into sessions by: B. Briscoe (GWU), T. Hemmick (SUNY), D. Sober (CUA), and Silas Beene (U Md). We gratefully acknowledge their service. The entire program can be found from the APS homepage (<http://aps.org>).

The DNP Business Meeting is scheduled for 17:30, Saturday, 19 April in the South Salon of the Ramada Renaissance Hotel, following the DNP Bonner Prize Session. The agenda will include:

- A. Bonner Prize Congratulations
- B. Fellowship Awards
- C. New Officers and Executive Committee
- D. New Program Committee
- E. DNP Fall Meeting Invited sessions
- F. DNP Treasurer's Report
- G. Remarks by DOE and NSF Representatives
- H. NSAC Report

12. TRI-DIVISIONAL COLLOQUIA FOR THE SPRING MEETING AT WASHINGTON, DC, 18-21 APRIL 1997

Tridivisional Colloquia will again be sponsored by The Division of Astrophysics, The Division of Nuclear Physics, and The Division of Particles and Fields and have been organized by Wick Haxton. These special colloquia on topics in nuclear and particle astrophysics will be held Friday evening, 18 April, during the APS/AAPT Spring Meeting of the American Physical Society. They are intended to provide an introduction to two important issues in nuclear and particle astrophysics: the first results from Superkamiokande and the recently reported life on Mars. The lectures will be presented in the style and at the level of typical departmental colloquia. They are intended for a general audience, including younger researchers who are not experts in this research area. The colloquia are free to all those registered for the APS/AAPT Spring Meeting; please urge your students to participate. The speakers, Ken Young and Jack Farmer, are well known for their clarity and enthusiasm.

The program will be:

- | | |
|-------------|--|
| K. K. Young | University of Washington
"Superkamiokande: First Results" |
| J. Farmer | NASA Ames Research Center
"Martian Life" |

13. DNP FALL MEETING AT WHISTLER, BC, 5-8 OCTOBER 1997

The Annual Fall Meeting of the Division of Nuclear Physics of the American Physical Society, cosponsored by the Canadian Association of Physicists, including three associated workshops, will be held October 5-8, 1997 at the Chateau Whistler Resort, in the town of Whistler, BC. Whistler is located about 2.5 hours by car north of the Vancouver International Airport. The country around Whistler is a spectacular mix of fjords, mountains, alpine lakes, glaciers and the Pacific Ocean. Whistler is most famous as a world class ski resort. It is a paradise for hiking, mountain biking, rock climbing, camping, fishing, canoeing, horseback riding, golfing, tennis, photography and sightseeing (including boat and helicopter tours). Rental equipment is available locally. Whistler town's elevation is 658 m. The weather in October will be variable, high 17C (53F), low 2.2C (35F) — a perfect time to see spectacular fall colors. APS members residing outside the United States are eligible for nomination.

Conference accommodation will be at the Chateau Whistler Resort. A reduced room rate (single or double occupancy) is available for delegates. Limited numbers of shared hotel staff accommodations will be available to graduate students at a further reduced rate.

A tour of TRIUMF following the DNP Fall Meeting will be arranged for Thursday, October 9, 1997.

Three workshops will be held on October 5, 1997, prior to, but in conjunction with, the DNP meeting. One workshop will be on "Discrete Symmetries," organized by Wick C. Haxton and Ernest M. Henley, the second workshop will be on "Electromagnetic Dynamics of Mesons and Nucleons," organized by Jack Bergstrom, Donald F. Geesaman, and Richard G. Milner, while the third workshop will be on "Radioactive Beams and Nuclear Astrophysics," organized by John M. D'Auria and James D. King. The workshops will run in

parallel. A US \$30 registration fee will cover all three workshops. Registration will take place on October 5, 1997.

The Local Organizing Committee consists of John M. D'Auria (SFU), David F. Measday (UBC), Gerald A. Miller (University of Washington), Jean-Michel Poutissou (TRIUMF), Gerald Roy (University of Alberta), Gregory R. Smith (TRIUMF), Willem T. H. van Oers, Chairman (University of Manitoba), and Erich W. Vogt (UBC/TRIUMF).

For meeting information and registration please contact Ms. Waltraud Dilling, Conference Secretary, DNP97, TRIUMF 4004 Wesbrook Mall, Vancouver BC, V6T 2A3 Canada, email dnp97@triumf.ca, webpage <http://www.triumf.ca/>.

For hotel reservation please contact: Chateau Whistler Resort, Reservations Department, 4599 Chateau Boulevard, Whistler BC, V0N 1B4 Canada. Phone 604-938-2010, Fax 604-938-2055. email cwrres@cwr.mhs.compuserve.com.

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." 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 normally **1 April**. Nomination forms are available from Peggye Mendoza, The American Physical Society, One Physics Ellipse, College Park, MD 20740-3843. 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 1997 DNP Fellowship Committee is comprised of V. R. Brown (Chair), J. H. Hamilton, B. Mueller, A. B. Balantekin, and C. Glashauser. The Fellowship Committee reviews the nominations for APS Fellowship referred to the DNP and recommends a slate of candidates, which is forwarded to the DNP Executive Committee and then to the APS Council for approval.

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 done at least one major, original work that has influenced his/her specialty in a significant way.

The list of APS Fellows (by APS subunit) elected in a given year 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. FUTURE DNP FALL MEETINGS

1997	October 5-8	Whistler, BC
1998	October 28-31	Santa Fe, NM
1999	October	Asilomar, CA
2000	October	Williamsburg, VA

The dates include the Wednesday "workshops," which are held in conjunction with the DNP Fall Meetings. Holding "workshops" at the DNP Fall Meetings is a tradition that began with the 1986 Vancouver meeting. All meeting attendees are welcome and encouraged to come. It has been the intention of the DNP Executive Committees that these "workshops" should have broad appeal, with introductory pedagogical talks for the benefit of those who have come primarily for the DNP meeting but want to take the opportunity to learn about a field of specialty of the local community.

16. FUTURE APS SPRING MEETING INFORMATION

1998	April 18-21	Columbus, OH
1999	March 20-26	Atlanta, GA

The 1999 Centennial celebration will be held 20-26 March in Atlanta. The first two days will be devoted to formal celebrations. The 22-26 March dates will correspond to an annual spring meeting. The year-long centenary celebration will begin in the fall of 1998 and continue until the summer of 1999. The APS will produce a "wall chart" for the Centennial. Ideas for important events to include from this century are solicited. The APS contact for the Centennial celebration is Brian Schwartz; the chair of the DNP Centennial Committee is J. Dirk Walecka.

17. EMAIL ADDRESS INFORMATION REQUESTED

The APS membership directory is now online through the APS Web site (<http://aps.org>). Check your own address information — name of the service (directory) and the password (F=ma) are case sensitive.

Most importantly, update your email address. Of the 2506 DNP members in 1996, only 1969 had registered their email addresses in the APS directory database. Despite being the most computer literate authors — some 85% of the submissions to *Phys. Rev. C* are compuscripts — DNP members do not outshine their fellow APS members in registering their email addresses.

Membership information can be updated by sending an email message to "membership@aps.org" or directly on the Web.

18. BUDGET UPDATE FROM THE NUCLEAR SCIENCE RESOURCES COMMITTEE, L. L. Riedinger, Chair

The official FY1998 budget cycle begins on or around February 6 when President Clinton submits his budget request to the Congress. The mood to balance the federal budget in the next five years has given rise to the climate of a flat budget request being a victory. Last year there was intense political activity regarding the issue of whether the Energy Research budget within the Department of Energy should be protected from future-year cuts, as was clearly defined by the Administration for the National Science Foundation

and the National Institutes of Health. It seems that DOE Energy Research will be placed in this special category, but that will not be fully known until the budget request comes to the Hill. Still, this "protection" translates to a flat budget, with inflation decreasing the actual buying power.

There are signs that some in the Congress view the country's investment in science and research to be too important to allow the decline that is bound to accompany long-term constant budgets. Senator Phil Gramm of Texas led the recent introduction of "The National Research Investment Act of 1997," which calls for the doubling of budgets for scientific research over the next 10 years. It is important for physicists to give support to this proposal through input to their own legislators.

There are important changes in the Department of Energy and in the leadership of the Congressional committees that affect the funding of physics research. There is a new DOE Secretary, Federico Pena (the recent Secretary of Transportation), and a new Associate Director for High Energy and Nuclear Physics (Peter Rosen from the University of Texas). On Capitol Hill, Joseph McDade (R-PA) is the new chair of the House Energy and Water Development Appropriations Subcommittee, which funds Energy Research in DOE. Jerry Lewis (R-CA) continues as the chair of the House VA/HUD/IA Appropriations Subcommittee, which funds the NSF. James Sensenbrenner (R-WI) is the new chair of the House Science Committee, which authorizes spending on science. These changes lead to real uncertainty about the support that will be given to basic research in science in the 105th Congress. Please see the excellent FYI series from the AIP (<http://webster.aip.org/enews/fyi/1997/>) for updates on these committee assignments (#8 and #10) and on the Gramm initiative (#10 and #11).

The DNP home page (<http://nucth.physics.wisc.edu/dnp/>) has new links to a number of "public policy" sites, including home pages of the AAAS, the Congress, NSF, DOE, and "Contacting Congress," which follows the work of Congress and can tell you who your federal representatives are. And the APS Washington Office (opa@aps.org) runs a variety of programs to bring federal information to you and to get you in contact with your elected officials.

19. DNP FOUNDED 30 YEARS AGO

As we approach the APS Centennial celebration in 1999, DNP members should look with pride at the 30 year history of our Division. As you can see in the APS membership directory, the DNP was founded in 1966. For the first 20 of those years J. A. Harvey of ORNL served as the DNP Secretary-Treasurer. We owe him a debt of gratitude for his outstanding service in that capacity. Here are a few excerpts from his minutes of the first Executive Committee meeting, held on January 30 and 31, 1967, in conjunction with the old New York annual meeting.

1. Attendance

"The first meeting of the Executive Committee of the Division of Nuclear Physics in the APS was called to order by L. I. Schiff, Chairman, at 12:15 p.m., January 30, 1967. The following members were present for most of the meeting:

L. I. Schiff, Chairman
H. H. Barschall, Vice Chairman
J. A. Harvey, Secretary-Treasurer
D. A. Bromley, Divisional Councillor
J. L. Fowler

J. S. Blair
S. S. Hanna
H. T. Motz (alternate for L. Rosen)
L. Grodzins (alternate for H. Feshbach)
W. A. Fowler (alternate for L. Lauritsen)

H. E. Gove was not able to attend the meeting. M. Hamermesh and J. B. Marion (members of the original program committee for the Madison meeting) attended some of the meeting. W. W. Havens, Executive Secretary, APS, was present for a part of the meeting."

2. Immediate Business

"D. A. Bromley who had attended the APS Council meeting Monday morning requested instructions from the Executive Committee on two matters. The first item concerned a revision of the Bylaws of our Division. In a letter to W. W. Havens, W. J. Lyons requested that the Executive Committee of our Division insert a new item in our Bylaws entitled "Fees and Dues." After some discussion, D. A. Bromley was instructed to report back to the Council that the Executive Committee could not change the Bylaws now but any amendment of our Bylaws must be voted on by the membership as prescribed in Article IX of our Bylaws. Later in our meeting D. A. Bromley reported that W. J. Lyons agreed with our reply and the matter was dropped.

"The second matter was that the Council had discussed the matter of fees and dues for the Divisions and favored the plan of free membership for the first Division with a fee of \$1 for each additional Division and annual dues of \$1 per Division. After some discussion, W. A. Fowler recommended that D. A. Bromley inform the Council that our Executive Committee favors a \$2 enrollment fee for each division a member wishes to join. On the matter of annual dues (the APS Council was considering annual dues of \$1), a motion by J. L. Fowler and seconded by S. S. Hanna that we send no instructions to the Council on this matter of annual dues passed 4 to 3."

3. Madison Meeting

"D. A. Bromley reported that the Council has passed a resolution authorizing a Division to adopt any format it chooses for a Divisional meeting. For example, it can be completely invited papers, only contributed papers, or any combination. The only restriction is that the meeting must be open to all members of the Society. An innovation recommended by the Council is that invited papers can also have abstracts in the Bulletin.

"J. L. Fowler and H. H. Barschall briefly reported on the preliminary plans for the Madison meeting, October 23-25, 1967, and the reasons the Organizing Committee felt it necessary to initiate plans for the meeting several months ago. It was moved by H. H. Barschall and seconded by J. S. Blair that the Division of Nuclear Physics accept this meeting as the first Regular Meeting of the Division. Motion carried unanimously.

4. Standing Program Committee

"Chairman L. I. Schiff appointed the following members to the Standing Program Committee and ruled that four members constituted a quorum for meetings of this Committee.

H. H. Barschall, Chairman	E. M. Henley
D. A. Bromley	D. Kurath
J. L. Fowler	J. B. Marion
W. A. Fowler	J. A. Harvey (ex officio)
S. S. Hanna	L. I. Schiff (ex officio)

M. Hamermesh was a member of the original program Committee for the Madison meeting, but declined appointment to this Committee."

5. 1967 Washington APS Meeting

"In December 1966, W. W. Havens had asked all Divisions whether they intended to organize a Divisional Symposium for the

Washington meeting. Although no official reply had been made, it had been verbally implied to him that we would organize a Divisional Symposium and would furnish him with complete information by February 10, 1967. In the meantime, W. W. Havens had invited 8 physicists to give invited talks in two nuclear physics sessions. Because of this action it was agreed that our Committee should not select 3 or 4 more speakers and give them Divisional endorsement and imply non-endorsement for the other 8 speakers. It was moved by H. H. Barschall and seconded by W. A. Fowler that W. W. Havens be provided with a list of 3 or 4 speakers but the session would not be sponsored by the Division and no reference should be made to the Division in the preface of the Bulletin. Motion was carried. H. H. Barschall agreed to contact several physicists and to give W. W. Havens a list of speakers and titles.

"It was agreed that E. K. Warburton should be asked on behalf of our Division to arrange contributed papers in nuclear physics for the 1967 Washington APS meeting. W. W. Havens will inform him of his duties. The Division will normally assume the responsibility for the organization of the contributed papers, but the Executive Secretary, W. W. Havens, will schedule the sessions." ...

9. Report of the Secretary-Treasurer

"As of January 27, 1967 the Division had 801 members and \$1621.02 in a savings account in the Hamilton National Bank in Oak Ridge. (Interest of \$19.02 was earned in 1966, which is non taxable.)

"The Bylaws of the Division had been accepted on December 19, 1966, by a vote of 296 for and 5 against; of the 797 election ballots mailed to members, 485 properly identified ballots were received by January 26, 1967. The following members were elected to the Executive Committee:

- L. I. Schiff, Chairman
- H. H. Barschall, Vice-Chairman
- J. A. Harvey, Secretary-Treasurer
- J. L. Fowler, Two-year term
- H. E. Gove, Two-year term
- L. Rosen, Two-year term
- T. Lauritsen, One-year term
- J. S. Blair, One-year term
- H. Feshbach, One-year term
- S. S. Hanna, One-year term
- D. A. Bromley, Divisional Councillor

D. A. Bromley was invited to attend all Executive Committee meetings of the Division." ...

11. 1968 Division Meeting

"It was moved by S. S. Hanna and seconded by H. H. Barschall that our Division hold a Division meeting in the Fall of 1968. The Committee felt that there was a need for a Fall meeting in Nuclear Physics as witnessed by the Topical Conferences, which have been held every Fall for the past several years. Motion carried with one opposing vote. A motion by J. L. Fowler and seconded by W. A. Fowler that our Division add one extra day to the Annual Washington APS was passed 4 to 3. The Secretary-Treasurer was directed to ask both the APS Council and the appropriate hotel for this extra day for a Division meeting as soon as it can be arranged, i.e., 1968, 1969, etc.

"There was much discussion whether the Regular Meeting of the Division should be in the Spring (attached to the Washington APS meeting) or in the Fall (a meeting not attached to the regular APS meeting), but no conclusion was reached." ...

20. 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.

1996-97 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 13-29 and 35-41 are \$55/\$60 retail and \$39/\$42 for DNP members. Volumes 42 and 43 are \$59/\$64 retail and \$42/\$45 for DNP members. Volumes 44 and 45 are \$62/\$67 retail and \$44/\$47 for DNP members. Volume 46 is \$67/\$72 retail and \$47/\$51 for DNP members. Volume 47 is \$70/\$75 retail and \$49/\$53 for DNP members.

Other Annual Reviews are also available. 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% General Sales Tax.*

21. FUTURE CONFERENCES

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

"International Conference on Nuclear Data for Science and Technology," 19-24 May 1997, International Center for Theoretical Physics, Trieste, Italy. Chairman: G. Reffo, ENEA Nuclear Data Center, Bologna, Italy. Contact: A. Ventura, ENEA Nuclear Data Center, I-40129 Bologna, Italy, Phone: +39-51-6098305, Fax: +39-51-6098705, email: ventura@nudace.arcoveggio.enea.it, web page address: <http://nudace.arcoveggio.enea.it>.

"QULEN97, International Conference on Quark Lepton Nuclear Physics — Nonperturbative QCD Hadron Physics & Electroweak Nuclear Processes," 20-23 May 1997, Osaka, Japan. Contract: Ms. A. Futakuchi; Postal Address: RCNP (Research Center for Nuclear Physics), Osaka University, 10-1 Mihogaoka, Ibaraki, Osaka 567, Japan; Phone: +81-6-879-8943; Fax: +81-6-879-8899; email: qulen97@rcnpvx.rcnp.osaka-u.ac.jp; DECnet: 41460::qulen97; URL/WWW: <http://www.rcnp.osaka-u.ac.jp/~qulen97/>.

"Sixth Conference on the Intersections of Particle and Nuclear Physics," 27 May-2 June 1997, Big Sky, MT. Contact: Conference Secretary: Susan Ramsay, CIPANP, LANL, MS H844, Los Alamos, NM 87545, Phone: 505-665-1819, Fax: 505-665-6943, email: cipanp@lanl.gov; web page address: <http://intersections.lanl.gov>.

"The Sixth Annual Conference on Electronics for Particle Physics," 28-29 May 1997, LeCroy Corporation, Chestnut Ridge, NY Contact: George Blonar, LeCroy Corporation, 700 Chestnut Ridge Road, Chestnut Ridge, NY 10977-6499; Telephone: 914-578-4400; Fax: 914-578-5984.

“Sixth International Conference on Nucleus-Nucleus Collisions,” 2–6 June 1997, Park Vista Hotel, Gatlinburg, TN. Co-hosted by the Physics Division, ORNL and the National Superconducting Cyclotron Laboratory, MSU. Contact: Ms. Ann M. McCoy, Conference Secretary, Mail Stop 6368, Oak Ridge National Laboratory, Oak Ridge, TN 37831-6368, email: nn97@mail.phy.ornl.gov.

“2nd International Symposium on Symmetries in Subatomic Physics,” 25–28 June 1997, University of Washington, Seattle, WA. Contact Ernest Henley, University of Washington, Physics, Box 351560, Seattle, WA 98195, email: henley@phys.washington.edu, or see <http://www.phys.washington.edu/henley/symmetries>.

“The Ninth International Conference on Recent Progress in Many-Body Theories,” 21–25 July 1997, School of Physics, The University of New South Wales, Sydney, Australia. Preferred form for pre-registration and registration is via the conference homepage: <http://www.phys.unsw.edu.au/conf/mbix/mbix.html>, email: mbix@newt.phys.unsw.edu.au, Fax: 61 2 9385 6060. Convenor: David Neilson, Secretary: Jill Walker, MBIX Conference, School of Physics, The University of New South Wales, Sydney 2052, Australia.

“XVth International Conference on Few-Body Problems in Physics,” 22–26 July 1997, Groningen, The Netherlands. Contact: Conference Secretariat, Kernfysisch Versneller Instituut, Zernikeloan 25, NL-9747 AA Groningen, The Netherlands, email: FBXV@KVI.NL, WWW: <http://kvi.inl/disk/1/fbxv/conf.html>.

“The 7th International Conference on Hadron Spectroscopy (Hadron97),” 25–30 August 1997, Brookhaven National Laboratory, Upton, NY. Conference Chairman: S. U. Chung (suchung@bnl.gov); Conference Secretary: Sharon Smith (hadron97@bnl.gov); WWW: <http://hadron97.bnl.gov/hadron97/>.

“The International Conference on Hypernuclear and Strange Particle Physics,” 13–18 October 1997, Brookhaven National Laboratory, Upton, NY. Contact: R. E. Chrien, Bldg. 510A, BNL, Upton, NY 11973, USA, Telephone: 516-344-3903; D. J. Milliner, Bldg. 510A, BNL, Upton, NY 11973, Telephone: 516-344-3853. Fax: 516-344-5568, email: chrien@bnl.gov or millener@bnl.gov.

“SANTORINI97, Electromagnetic Structure of Hadrons and Nuclei,” 21–26 October 1997, Santorini, Greece. Contact: J.-M. Laget, Chairman, email: laget@phnx7.saclay.cea.fr.

“International Conference on Fission and Properties of Neutron-Rich Nuclei,” 10–14 November 1997, Sanibel Island, FL. Chair: Joseph H. Hamilton, Vanderbilt. Contact: Peggy L. McGowan, Vanderbilt University, Department of Physics and Astronomy, P.O. Box 1807-B, Nashville, TN 37235, Fax: 615-343-7263, email: mcgowapl@ctrvax.vanderbilt.edu, WWW: <http://anita.phy.vanderbilt.edu>.

“XVI RCNP Osaka International Symposium on Innovative Computational Methods in Nuclear Many-Body Problems,” 10–15 November 1997, Osaka, Japan.

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