Division of Nuclear Physics
The American Physical Society

Newsletter No. 190
November 2016

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

Future Deadlines

- **23 January 2017** — Voting in the DNP Election
- **1 March 2017** — Mentoring Award Nominations
- **1 March 2017** — Service Award Nominations
- **1 May 2017** — DNP Nominations for APS Fellows

The home page for the Division of Nuclear Physics is now available at "http://dnp.aps.org." Information of interest to DNP members -- current research topics, deadlines for meetings, prize nominations, forms, and useful links are provided. Each DNP Newsletter is posted online, along with the copy sent via post. Comments and suggestions are solicited. Please send them to Rolf Ent at <ent@jlab.org>

1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE

The terms of the officers and three members of the current Executive Committee will expire in April 2017. The installation of officers will take place at the DNP Program Committee meeting in April 2017. Michael Thoennessen will become Chair, David Dean will become Chair-Elect, and Gordon Cates will become Past-Chair. Wick C. Haxton wishes to be replaced as the Divisional Councilor. Baha Balantekin has been appointed by DNP Chair Gordon Cates to complete the term, and he has agreed to serve as the Divisional Councilor through 2017. Gail Dodge, Jorge Piekarewicz, and Raju Venugopolan will remain members of the Executive Committee. A Vice Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected by April 2017. Executive Committee member terms are two years.

This year's Nominating Committee consists of Sanjay Reddy (Chair), Cynthia Keppel, Helen Caines (Vice Chair), Steve Elliott, and Jen-Chieh Peng The candidates selected by the Nominating Committee and approved by the Executive Committee are:

Vice-Chair (one position):

Robert V.F. Janssens (ANL)
Curtis A. Meyer (CMU) (ORNL)

Secretary-Treasurer:

Benjamin F. Gibson (LANL)
Warren F. Rogers (Ind. Wesleyan)

Executive Committee (three positions):

John R. Arrington (ANL)
Vincenzo Cirigliano (LANL)
Anthony Frawley (FSU)
Ioana Niculescu (James Madison)
Rebecca Surman (Notre Dame)
Remco G. T. Zegers (NSCL/Michigan State Univ.)

Candidate biographies are included in this newsletter (item #16).

Web balloting: Those with email addresses registered with the APS will receive an election email containing instructions plus a PIN number. Those for whom no email address is available or whose email bounces will be sent a paper ballot. The deadline for voting is 23 January 2017.

As a DNP member, please exercise your right to vote in the DNP election. Typically only some 700+ election ballots have been cast by members. Your vote does count. It is important. DNP elections have been decided by fewer than 5 votes.

2. ACKNOWLEDGE YOUR SPONSORING AGENCY

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

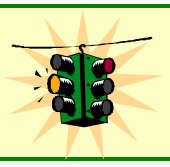
3. 2016 DNP DISTINGUISHED SERVICE AWARD

The 2016 recipient of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award is Donald F. Geesaman of the Argonne National Laboratory. Geesaman received his award at the Business Meeting of DNP 2016 in Vancouver, Canada. The citation reads:

> *"For his substantial contributions to the Division of Nuclear Physics, sustained from the 1980s to the present, culminating with his leadership role in the formulation of the 2015 Long Range Plan for Nuclear Science."*

INSIDE . . .

- **Prize and Award Recipients**
- **APRIL Meeting in Washington, DC**
- **Call for Nominations for DNP Awards**



4. 2016 DNP MENTORING AWARD

The 2016 recipient of the American Physical Society's Division of Nuclear Physics' Mentoring Award is Joseph H. Hamilton of Vanderbilt University. Hamilton received his award at the Business Meeting of DNP 2016 in Vancouver, Canada. The citation reads:

> *"For his dedicated mentoring of a large number of students in nuclear physics; for his development of institutes, consortia, and instrumentation; and for exceptional record of teaching and making physics interesting and understandable to undergraduates and the public."*

5. 2017 NUCLEAR PHYSICS DISSERTATION AWARD

The 2017 recipient of the Nuclear Physics Dissertation Award of the American Physical Society's Division of Nuclear Physics is Jonathan Ouellet of the University of California at Berkeley (now at the Massachusetts Institute of Technology). Ouellet's dissertation was written under the directions of Yury Kolomensky of Lawrence Berkeley Laboratory. Ouellet spoke about his research at the Awards Session of DNP 2016 in Vancouver, Canada. The citation reads:

> *"For his outstanding contributions to the search for neutrinoless double beta decay of ^{130}Te, and setting a new limit on its decay half-life, at the Cryogenic Underground Observatory for Rare Events in Gran Sasso, Italy."*

6. 2017 BONNER PRIZE WINNER

Charles F. Pedrisat of the College of William & Mary was named the recipient of the 2017 American Physical Society's Tom W. Bonner Prize in Nuclear Physics. The citation reads:

> *"For groundbreaking measurements of nucleon structure, and discovering the unexpected behavior of the magnetic and electric nucleon form factors with changing momentum transfer."*

Please go to the APS web site and link to APS Prizes and Awards under APS Honors under the heading PROGRAMS for additional information. The prize will be awarded at the APS 2017 April Meeting in Washington, DC.

7. 2017 FESHBACH PRIZE WINNER

Joseph A. Carlson of the Los Alamos National Laboratory was named the recipient of the 2017 American Physical Society's Herman Feshbach Prize in Theoretical Nuclear Physics. The citation reads:

> *"For pioneering the development of quantum Monte Carlo techniques to solve key problems in nuclear structure physics, cold atom physics, and dense matter theory of relevance to neutron stars."*

Please go to the APS web site and link to APS Prizes and Awards under APS Honors under the heading PROGRAMS for additional information. The prize will be awarded at the APS 2017 April Meeting in Washington, DC.

8. 2017 BETHE PRIZE WINNER

Stuart L. Shapiro of the University of Illinois at Urbana-Champaign was named the recipient of the 2017 American Physical Society's Hans A. Bethe Prize. The citation reads:

> *"For seminal and sustained contributions to understanding physical processes in compact object astrophysics, and advancing numerical relativity."*

Please go to the APS web site and link to APS Prizes and Awards under APS Honors under the heading PROGRAMS for additional information. The prize will be awarded at the APS 2017 April Meeting in Washington, DC.

9. NOMINATIONS FOR THE DNP MENTORING AWARD

Nominations are sought for the Division of Nuclear Physics Mentoring Award. This APS Unit Award is intended to recognize Division of Nuclear Physics members who have had an exceptional impact as mentors of nuclear scientists and students. This mentoring could be through teaching or research or science-related activities.

Examples of contributions of individuals who could be candidates for this award:

- Exceptional mentoring of early career nuclear scientists;
- Sustained commitment to mentoring early career nuclear scientists from traditionally under-represented backgrounds;
- Leadership role in developing nuclear science research and career development activities, such as centers for nuclear science research for undergraduates, or conference experiences for students, or summer schools for nuclear science students.

Early career nuclear scientists include undergraduate and graduate students, postdoctoral scholars, and nuclear science professionals early in their careers, such as assistant professors or assistant scientists.

Nominations for the 2017 award are due 1 March 2017 and should be sent to:

> John F. Wilkerson
> Dept. of Physics & Astronomy
> Univ. of North Carolina
> Phillips Hall, CB #3255
> Chapel Hill, NC 27599-3255
> Phone: (919) 962-1384
> Email: "jfw@unc.edu"

Nomination packets should consist of at least 3 but not more than 4 letters supporting the nomination and a brief biosketch of the candidate. At least two of the letters should be submitted by individuals who have benefited from the mentoring experience. Nominees shall be members of the DNP. There are no time limitations on contributions that can be recognized by this award. Nominations will be active for three years.

The members of the 2017 DNP Mentoring Award selection committee are: John Wilkerson (Chair), Warren Rogers, Jolie Cizewski, Sebastian Kuhn, and Joseph Hamilton.

10. NOMINATIONS FOR THE 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. 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 for the 2017 award are due 1 March 2017. 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. Nominations, preferably in pdf format, should be sent to:

Gordon D. Cates
University of Virginia, Department of Physics
382 McCormick Rd., PO 400714
Charlottesville, VA 22903
Phone: (434) 924-4792
E-mail: cates@virginia.edu

11. FUTURE DNP FALL MEETINGS

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

2017	October 25-28	Pittsburgh, PA
2018	October 23-27	Waikoloa, HI

12. FUTURE APS SPRING MEETING INFORMATION

2018	April 14-17	Columbus, OH
2019	Mar 4-8	Boston, MA (Mar/Apr Mtg.)

Any comments/suggestions should be sent to APS Meetings Manager, Terri Olsen (olsen@aps.org).

13. FADDEEV MEDAL PRIZE

A "Faddeev Medal" Prize has been recently established in honor of Ludwig Faddeev's contributions to physics. Please see the enclosed announcement.

14. APS APRL MEETING IN WASHINGTON, DC, 28-31 JANUARY 2017

The APS April Meeting will be in Washington, DC. The meeting will bring together physicists, scientists, and students from around the world to share groundbreaking research from industry, universities, and major laboratories. Hundreds of physicists will present the latest research in astrophysics, gravitational physics, nuclear physics, particle physics, etc. The participating APS units are:

Divisions

- Astrophysics (DAP)
- Computational Physics (DCOMP)
- Nuclear Physics (DNP)
- Gravitational Physics (DGRAV)
- Particles and Fields (DPF)
- Physics of Beams (DPB)

Forums

- Education (FEd)
- Graduate Student Affairs (FGSA)
- History of Physics (FHP)
- International Physics (FIP)
- Physics and Society (FPS)
- Outreach and Engaging the Public (FOEP)

Topical Groups

- Energy Research and Applications (GERA)
- Few-Body Systems (GFB)
- Hadronic Physics (GHP)
- Instrument and Measurement Science (GIMS)
- Physics Education Research (GPER)
- Physics of Climate (GPC)
- Precision Measurement & Fundamental Constants (GPMFC)

There will be a total of 64 invited sessions. A total of 1122 abstracts have been submitted. A welcome reception will be held on Saturday afternoon at 5:30pm. A tutorial for authors and referees will be held on Sunday at 2:30pm, followed by a Meet-the-Journal-Editors reception at 3:30pm. The APS Prizes and Awards session is at 5:30pm. On Monday there is a noon session entitled "How would YOU decide the Federal budget?".

Plenary sessions will be held at 8:30am on Saturday, Monday, and Tuesday.

I. Science Policy in the 21st Century
John Holdren, Cherry Murray, Rush Holt, Jr.
II. Kavli Foundation Keynote Session: From Quarks to the Cosmos
Barbara Jacak, Cora Dvorkin, S. James Gates
III. Black Holes
Laura Cadonati, Chung-Pei Ma, Andrew Strominger

The DNP Business/Town Meeting will be Monday afternoon at 5:30. On Tuesday morning at 10:45am will be the DNP Prize Session.

HOTEL: The APS requests that you use the conference hotel, the Marriott Wardman Park Hotel. Booking in the APS block will help the APS keep meeting costs down. The deadline for hotel reservations is 4 January 2017.

The closest Metro subway station is the Woodley Park-Zoo/Adams Morgan stop on the Red line.

National Airport (DCA) is the most convenient airport. By Metro one must take the Yellow/Blue line and transfer to the Red line. A taxi is about $20, some 7.5 miles.

15. THANK YOU FOR ENHANCED REFERENCING OF "PHYSICAL REVIEW C" PAPERS, The PRC Editors

You may have noticed the significant increase in the Impact Factor of "Physical Review C" over the past several years. That is the result of authors' enhanced referencing of their papers, "giving credit where credit is due." For that we thank you, the authors, not because the impact factor of the journal has increased but **because your colleagues are gaining a larger number of citations which impacts hiring and promotions.**

16. CANDIDATE BIOGRAPHIES

NOMINATIONS FOR VICE-CHAIR

CURTIS A. MEYER – Professor of Physics and Associate Dean for Faculty and Graduate Affairs, Carnegie Mellon University. Curtis attended Oregon State University, receiving Bachelor degrees in Physics and Mathematics in 1982, and then went to the University of California at Berkeley where he received his Ph.D. in Nuclear and Particle Physics in 1987. He carried out post-doctoral research at the University of Zurich, working on both the H1 experiment at DESY and the Crystal Barrel experiment at CERN. In 1993, he joined the physics faculty at Carnegie Mellon. His research has focused on experimental hadronic physics, and through his career, he has carried out experiments at a number of national and international labs including the BEVELAC at LBL, TRIUMF, The Paul Scherer Institute, CERN, DESY, The Brookhaven AGS and most recently at Jefferson Lab. He has served on a number of Jefferson Lab committees related to the CEBAF 12-GEV Upgrade, as well as search committees and scientific review committees. In addition to Jefferson Lab, he has served on review committees for experimental hardware, Lattice QCD, and for the NSF and DOE. He was a member of NSAC from 2010 to 2013, and has been a member of several NSAC subcommittees, including two Long-Range Plan Committees, and two Long-Range Plan Resolution Committees. He has been a member of the DNP program committee, and served in the chair track for the APS Topical Group on Hadronic Physics. Since 2007, he has served as the Spokesperson of the GlueX experiment at Jefferson Lab. GlueX is a major part of the Physics Program at 12-GeV Jefferson Lab, and required both a new experimental hall and polarized photon beam line in addition to the newly constructed detector. The collaboration is starting their first physics run in the fall of 2016. Curtis was elected an APS Fellow in 2004.

ROBERT V.F. JANSSENS – Director, Physics Division, Argonne National Laboratory. B.S (1973) and Ph.D. (1978) University of Louvain (Belgium); Research Associate, KVI, University of Groningen (The Netherlands) 1978 – 1980; Assistant Physicist, Argonne National Laboratory (ANL) 1981 – 1984; Scientist, ANL, 1984 – 1993; Senior Scientist, ANL, 1994 – present; Scientific Director of ANL's ATLAS facility, 2000 –2011; Physics Division Director, ANL 2007 – present; Adjunct Professor North Carolina State Univ., 1995 – 2000; Adjunct Professor, Michigan State Univ., 2001 – present; Guest Professor, Univ. of Notre Dame, 2004 – present; Visiting Scientist, Niels Bohr Institute (Denmark), 1983 and University of Leuven (Belgium), 1990; Fellow of the American Physical Society, 1992; University of Chicago award for Distinguished Performance at ANL, 1997. Professional service: Member of Program Advisory Committees ATLAS (ANL, 1989 – 1991), 88 Inch Cyclotron (LBNL, 1990 – 1996), NCSL (MSU, 1996 – 2003), IReS Vivitron (Strasbourg, France 1997 – 2001), HRIBF (ORNL, 2002 – 2008). NSAC-related activities: Member of NSAC (2001 – 2003), Lead Editor of the summary version of the 2002 NSAC Long Range Plan, Co-Chair Town Meeting on Nuclear Astrophysics and Structure of Nuclei, Chicago (2007); Member of the NSAC Long Range Plan Working Group (2007); Member NSAC subcommittee on Performance Measures (2007 – 2008). DNP Committee memberships: Bonner Prize Committee (1998 – 1999); Fellowship Committee DNP (2001 – 2003); Nominating Committee (2007 – Chair 2008), Bethe Prize Committee DNP (2014 – 2015). Other community service: Vice-Chair Gordon Conference on Nuclear Chemistry (1992), Chair (1993); Divisional Associate Editor for Phys. Rev. Lett. (1994 – 2002); Moderator for nucl-exp, arXiv.org (2005 – present); Member of the Advisory Committee on TRIUMF (ACOT) (2006, Chair 2007 – 2010); Member International Advisory Committee HIRF, Lanzhou, China (2009 – 2015); Chair GANIL Scientific Council, France (2011 – present); Member International Scientific Council, Bronowice Cyclotron Center, Institute for Nuclear Physics, Krakow, Poland (2012 – present); Member RIKEN Nishina Center Advisory Committee (2016); Member FRIB Science Advisory Committee (2009 – present); Member of the Theory Alliance Executive Board (2013 – present). Referee for Nature, Phys. Rev. Lett., Phys. Lett B, Phys. Rev C, Nucl. Phys. Research Interests: nuclear structure at the limits of stability; impact of structure and reaction dynamics on nuclear astrophysics processes; development of new instrumentation.

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 (now NIST), 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, Juelich, 1992–. DOE Users Review Panel, 1983; NSAC Subcommittee on Computers and Computing, 1984–85; Bates Program Advisory Committee, 1985–89, 1998–2001, 2002–2003; 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, 2006; KEK External Review Committee, 2004. Editorial Board of *Physical Review C*, 1978–79, 1987–88; Editorial Board of *Few Body Systems*, 1986–; Associate Editor of *Physical Review C*, 1988–2002; Editor of Physical Review C, 2002–. Organizing Committee for the DNP Fall Meeting, 1989; local organizer for the DNP Light Hadronic Probes Town Meeting, 1989; Co-Organizer of New Vistas in Physics with High Energy Pion Beams, 1992; Program Chair for the APS April Meeting, 1993; Co-Organizer of Properties and Interactions of Hyperons, 1993; Organizing Committee for Baryons'95, 1995; Organizing Committee for LUGI Symposium: 20 Years of Meson Factory Physics, 1996; Co-Organizer, ECT* Workshop, 1999; Co-Organizer, INT Workshop, 2001; Co-Organizer, INT Fall Program, 2003; Co-Organizer, ECT* Program, 2005; Co-Organizer of the DNP/JPS Hawaii meetings, 2001, 05, 09, 14. DNP Secretary-Treasurer, 1995–. DNP Distinguished Service Award, 2007. Research interests: few-body systems, hypernuclei, electromagnetic interactions in nuclei, meson interactions with nuclei, parity non-conservation in nuclear systems, electric dipole moments of few-nucleon systems.

WARREN F. ROGERS – Professor and Blanchard Chair in Physics, Indiana Wesleyan University. Warren received his B.S. in physics from Harvey Mudd College (1981), his Ph.D. in physics from the University

of Rochester (1986), and conducted post-doctoral research at the University of Washington (1986-1988). He has served on the physics faculty at SUNY Geneseo (1988-1994), at Westmont College (1994-2016, including 2.5 years as Interim Provost, 2007-2009), and most recently at Indiana Wesleyan University (2016-present). Areas of his research include ground state magnetic moment measurements in nuclear isospin multiplets using beta-radiation detected nuclear magnetic resonance (beta-NMR); ultra-sensitive torsion-balance measurements in search of possible extra finite-ranged forces similar to gravity; nuclear excited state magnetic moment measurements using transient field spectroscopy at Lawrence Berkeley Lab and Argonne National Lab; properties of unbound states in neutron-rich dripline nuclei using the MoNA-LISA neutron detector arrays and the Sweeper Magnet using rare-isotope beams and invariant mass spectroscopy at the National Superconducting Cyclotron Laboratory at MSU. He has been a member of the MoNA collaboration from its inception in 2001, and a member of the American Physical Society since 1983, and his service activities include: Executive Board Member, NY section of AAPT (1994); Founder and Organizer, Conference Experience for Undergraduates (CEU) for the DNP (1998-2015); Member, DNP Education Committee (1999-present, Chair 2015-present); Member, NSAC Subcommittee on Education (2003-2004); Member, APS Committee on Education (2003-2006); Executive Director, MoNA Collaboration (2007-2008 and 2014-2015); Member, DNP Program Committee (2007-2009); Member, Executive Committee of the APS California and Nevada Section (2010-2013); Member, Program Advisory Committee (2014-2016), LANSCE Facility at Los Alamos National Laboratory (2014-2016); appointed Ad-hoc Deputy Secretary-Treasurer for the DNP (2016-2017). He has served as Project Director on 7 NSF RUI grants (1993-present), as Principle Investigator on 2 NSF MRI grants (2001-2003, 2009-2011), and has served twice as Member of the Nuclear Physics Proposal Review Panel for the National Science Foundation. In 2006 he was inducted as a fellow of the American Physical Society, and in 2009 received the DNP Distinguished Service Award.

NOMINATION FOR Executive Committee:

JOHN R. ARRINGTON – Career: Medium Energy Physics Group Leader, Physics Division, Argonne National Laboratory, 2014-present; Physicist, MEP group, ANL, 2001-present; PhD in Nuclear Physics, California Institute of Technology, 1998. Service: Chair line, APS Topical Group on Hadron Physics (GHP), 2011-2015; Jefferson Lab Users Group Board of Directors, member, 2004-2006, Chair line, 2012-2016; Editorial Board, Phys. Rev. C, 2012-2015; Chair, Nuclear effects sub-group of EIC Nuclear Chromo-Dynamics Working Group, 2010-2011; Served on executive committees for Jefferson Lab Hall A, Hall C, and the 12 GeV steering committee. Awards: APS Fellow, 2012; Presidential and DOE Office of Science Early Career Awards, 2005; APS/DNP Dissertation Award, 2000; NSF Graduate Research Fellowship. Research interests: Hadronic physics, nucleon structure, nuclear structure at both the hadronic and partonic level. Experimental focus is on Jefferson Lab, with additional measurements performed at Fermilab, Novosibirsk, HERA, MIT-Bates, SLAC, and PSI. Strong interests in mentoring, science communication, and public outreach. Details on experimental program, publications, and outreach available at http://www.phy.anl.gov/mep/staff/Arrington_J.html

VINCENZO CIRIGLIANO – Undergraduate degree in Physics, University of Pisa, 1996; PhD in Physics, University of Pisa, 2000; Visiting student, University of Massachusetts, Amherst, 1997-2000; EuroDaΦne Postdoctoral Fellow, 2000-2003, University of Vienna & University of Valencia; Sherman Fairchild Prize Postdoctoral Fellow, Caltech, 2003-2006; Staff Scientist, Los Alamos National Laboratory, 2006-present. APS Fellow, 2013. INT National Advisory Committee, 2012-2014. DOE/NSF Nuclear Science Advisory Committee, 2013-2016; NSAC Subcommittee on Neutrino-less Double Beta Decay, 2014-present. Research interests: weak interactions and low-energy symmetry tests in the Standard Model and beyond; complementarity of new physics searches at low-energy and colliders; effective field theories; neutrino physics and astrophysics.

ANTHONY FRAWLEY – Research Professor, Physics Department, Florida State University. Ph.D. Australian National University, 1977. Current research field: Experimental Relativistic Heavy Ion Physics with a focus on heavy quark probes of the Quark Gluon Plasma. Collaborations: E910 experiment at the AGS, PHENIX experiment at RHIC, sPHENIX collaboration at RHIC. Elected PHENIX Executive Council Member (2002-2012). PHENIX Detector Council Member (2002-2008). PHENIX Heavy Flavor Working Group Co-Convener (2004-2006). RHIC II Workshops Heavy Flavor Working Group Convener (2005-2006). Co-chair of RHIC II White Paper writing committee (2005-2006). PHENIX Analysis Coordinator (2007-2012). Florida State University Distinguished University Scholar (2009). US Compact Muon Solenoid Heavy Ion Computing Review Committee (2009-2013). NSF Nuclear Physics Proposal Panel (2010). Co-convener Quarkonium Working Group, in-media section (2010-present). PHENIX Hard/Heavy/Jets Working Group Convener (2013-2016). ALICE USA Computing Review Committee (2014). Member Hot QCD White Paper writing group (2014-2015).

IOANA NICULESCU – Professor and Interim Head, Physics and Astronomy Department, James Madison University, 2014-present; MS degree - Bucharest University, 1991; Ph. D., Hampton University, 1999; Research Associate, George Washington University, 1999-2001; Research Associate, Jefferson Lab, 2001-2002; Assistant Professor, James Madison University, 2002-2008; Associate Professor, James Madison University, 2008-2014. Research Interests: Studies of nucleon structure, with particular emphasis on quark-hadron duality; detector development and testing projects for the 12 GeV upgrade of Jefferson Lab; member of the Hall A, B, and C collaborations at Jefferson Lab; Professional Service: Director on the CEBAF User Group Board at Jefferson Lab, 2009-2011; Hall C HMS – SHMS User Group Organizing Committee, 2009-2011; 2014 served on the NSF review panel for Experimental Nuclear Physics.

REBECCA SURMAN – Associate Professor, Department of Physics, University of Notre Dame, 2014-present; Professor, Union College, 2011-2014; Visiting Associate Professor, University of Notre Dame, 2011-2013; Associate Professor, Union College, 2005-2011; Visiting Assistant Professor, North Carolina State University, 2002-2003, 2008; Assistant Professor, Union College, 1998-2005; Ph.D. in Physics, University of North Carolina – Chapel Hill, 1998. Professional service: American Physical Society Division of Nuclear Physics Program Committee, 2013-2015; Executive board of the Facility for Rare Isotope Beams Theory Alliance, 2016-present. Research interests: theoretical nuclear astrophysics, including the astrophysical origins of the elements, neutrino physics of nucleosynthesis, and nuclei far from stability.

REMCO G.T. ZEGERS– Remco was born in the Netherlands in 1972 and attended the University of Groningen in the Netherlands, where he received his M.S. Degree in Technical Physics (1995) and his Ph.D. in Experimental Nuclear Physics (1999). He was a Science and Technology Agency of Japan Fellow (1999-2001) and a Visiting Scientist at the Research Center for Nuclear Physics (Osaka University 2001-2003). He became an Assistant Professor at the National Superconducting Cyclotron (NSCL) at Michigan State University (MSU) in 2003, became Associate Professor in 2009, and Professor in

2013. He has been the NSCL Associate Director for Experimental Research since 2012 and served as NSCL Associate Director for Education from 2013 to 2015. He was a Committee on Institutional Cooperation Academic Leadership Fellow (Class of 2014-2015). His Ph.D. research focused on the study of isovector giant resonances observed in charge-exchange reactions. While in Japan, his research focused on kaon photo-production using Compton-backscattered photons at the SPring-8 facility. Since his arrival at MSU, he has focused on the use of charge-exchange reactions, primarily involving rare isotopes, to map the spin-isospin response of nuclei with the goal of studying aspects of weak reaction rates in nuclear astrophysics, isovector giant resonances, evolution of nuclear shell structure, and matrix elements for (neutrinoless) double beta decay. He is an active member of the Joint Institute for Nuclear Astrophysics – Center for the Evolution of the Elements (JINA-CEE). He has worked on the construction of various experimental devices such as a low-energy neutron detector array and a cryogenic target. He is leading efforts on a High Rigidity Spectrometer (HRS) for FRIB and is working on the implementation of a Helium-Jet Ion Guide System for commensal use of rare-isotope beams at NSCL. He has (co-)organized High-Rigidity Spectrometer Workshops (2011,2014), the APS-DNP Meeting (2011), the Exotic Beam Summer School (2011), the Collective Motion in Nuclei under Extreme Conditions conference (COMEX3; 2009), Nuclei In the Cosmos (NIC10; 2008), and the JINA Workshop on Charge-exchange Reactions (2004). He has served as co-director of the Exotic Beam Summer School (2010-2013) and serves on the Physical Review C Editorial Board (since 2015). He served in the American Physical Society (APS) Division of Nuclear Physics (DNP) program committee (2012-2014) and serves as reviewer for Grant and/or Programs for NSF, DOE, and various international funding agencies and organizations.

"Probing QCD in Photon-Nucleus Interactions at RHIC and LHC: the Path to EIC"
13-17 February 2017
INT, University of Washington, Seattle, WA USA
Contact: Daniel Tapia Takaki
Email: jdtt@ku.edu
URL: http://www.int.washington.edu/PROGRAMS/17-65w/

"2017 Santa Fe Jets and Heavy Flavor Workshop"
13-15 February 2017
Santa Fe, NM USA
Contact: Ivan Vitev
Email sfjet17@lanl.gov
URL: http://www.cvent.com/events/2017-santa-fe-jets-and-heavy-flavor-workshop/event-summary-11cdfe41ef1f42f1af40f209854008f6.aspx

"Third International Conference on Advances in Radioactive Isotope Science (ARIS 2017)"
Keystone, CO, 28 May - 2 June, 2017
Contacts: Alexandra Gade and Adam Garnsworthy
URL: https://indico.fnal.gov/conferenceDisplay.py?confId=11150

"Gordon Research Conference on Nuclear Chemistry"
18-23 June 2017
Colby Sawyer College, New London, NH USA
Chair: Michael Carpenter
Email: carpenter@anl.gov
URL: https://www.grc.org/programs.aspx?id=11764

17. FUTURE CONFERENCES

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

GORDON D. CATES
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DAVID J. DEAN
Vice-Chair
Oak Ridge National Lab.
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