Division of Nuclear Physics
The American Physical Society

Newsletter No. 186
November 2015

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

***Accompanying This Newsletter***


Louis Rosen Scholar nomination solicitation.

***Future Deadlines***

- **8 January 2016** — APR16 Abstract Submission
- **25 January 2016** — Voting in DNP Election
- **26 February 2016** — APR15 Early Registration
- **1 March 2016** — Mentor & Service Award Nominations
- **11 March 2016** — APR15 Housing Reservation
- **1 May 2016** — DNP Nominations for APS Fellowship

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, in advance of the copy sent via post. Comments and suggestions are solicited. Please send them to Ron Gilman at <rgilman@physics.rutgers.edu>

## 1. ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE

The terms of the officers and three members of the current Executive Committee will expire at the close of the Business meeting of the Division to be held in conjunction with the APS general meeting in Salt Lake City, April 2016. Gordon Cates will become Chair, Michael Thoennessen will become Chair-Elect, and John Wilkerson will become Past-Chair. Wick C. Haxton is the Divisional Councilor, through 2017. Mary Alberg, Rolf Ent, and Roxanne Springer 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 2016. Executive Committee member terms are two years.

This year's Nominating Committee consists of Charlotte Elster (Chair), Karsten Heeger, Sanjay Reddy (Vice Chair), Cynthia Keppel, and Vincenzo Cirigliano. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

**Vice-Chair** (one position):

David J. Dean (ORNL)
Michael J. Ramsey-Musolf (Univ. Mass., Amherst)

**Secretary-Treasurer:**

Benjamin F. Gibson (LANL)

**Executive Committee** (three positions):

Gail Dodge (Old Dominion Univ.)
John Lajoie (Iowa State Univ.)
Jorg Piekarewicz (Florida State Univ.)
David Radford (ORNL)
Raju Venugopalan (BNL)
Remco 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 25 January 2016.

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.

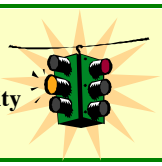
## 3. 2015 DNP DISTINGUISHED SERVICE AWARD

The 2015 recipient of the American Physical Society's Division of Nuclear Physics' Distinguished Service Award is Robert E. Tribble of Texas A&M University. Tribble received his award at the Business Meting of DNP 2015 in Santa Fe, NM. The citation reads:

> *"For his outstanding service over three decades on behalf of the Division of Nuclear Physics, for his skillful stewardship of the Division that strengthened its vitality as a unit of the American Physical Society, and for his extraordinary service on the Nuclear Science Advisory Committee, including his leadership of the NSAC long range planning process to the benefit of the Nuclear Physics community."*

**INSIDE . . .**





## 4. 2015 DNP MENTORING AWARD

The 2015 recipient of the American Physical Society's Division of Nuclear Physics' Mentoring Award is John Dirk Walecka of the College of William & Mary. The citation reads:

> *"In recognition of his sustained excellence in mentoring at all levels, from one-on-one mentoring of more than thirty-five graduate students to his inspired teaching of graduate and undergraduate students in the classroom"*

Walecka spoke about his mentoring experience during the invited session for Award winners at the DNP 2015 Fall Meeting in Santa Fe, NM. He received his certificate at the Business Meeting.

## 5. 2016 NUCLEAR PHYSICS DISSERTATION AWARD

The 2016 recipient of the Nuclear Physics Dissertation Award of the American Physical Society's Division of Nuclear Physics is Chun Shen of The Ohio State University (now at McGill University). Shen's dissertation was written under the direction of Ulrich Heinz (Ohio State). His citation reads:

> *"For his successful prediction of anisotropic flow in Pb+Pb collisions at the LHC, his elucidation of the 'direct photon flow puzzle', and his contributions to the development of a computational tool of viscous fluid dynamics enabling precision studies of relativistic heavy-ion collisions."*

Shen spoke about his research during the award session at DNP 2015 in Santa Fe.

## 6. 2016 BONNER PRIZE WINNER

I-Yang Lee of the Lawrence Berkeley National Laboratory was named the recipient of the 2016 American Physical Society's Tom W. Bonner Prize in Nuclear Physics. The citation reads:

> *"For seminal contributions to the field of nuclear structure through the development of advanced gamma-ray detectors as realized in the Gammasphere device, and for pioneering work on gamma-ray energy tracking detectors demonstrated by the Gamma-ray Energy Tracking Array (GRETINA)."*

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information. The prize will be awarded at the APS April 2016 meeting in Salt Lake City.

## 7. 2016 FESHBACH PRIZE WINNER

Xiangdong Ji of the University of Maryland and Shanghai Jiao Tong University was named the recipient of the 2016 American Physical Society's Herman Feshbach Prize in Theoretical Nuclear Physics. The citation reads:

*"For pioneering work in developing tools to characterize the structure of the nucleon within QCD and for showing how its properties can be probed through experiments; this work not only illuminates the nucleon theoretically but also acts as a driver of experimental programs worldwide."*

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information. The prize will be awarded at the APS April 2016 meeting in Salt Lake City.

## 8. 2016 BETHE PRIZE WINNER

Vassiliki Kalogara of Northwestern University was named the recipient of the 2016 Americal Physical Society's Hans A. Bethe Prize. The citation reads:

> *"For key contributions to the study of the electromagnetic and gravitational wave radiation from binary compact objects, including the now-verified prediction that neutron star mergers produce short gamma-ray bursts that will be found in all galaxy types."*

Please go to the APS web site and link to Prizes, Awards, and Fellowships under the heading Programs for more information. The prize will be awarded at the APS April 2016 meeting in Salt Lake City.

## 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 2016 award are due 1 March 2016 and should be sent to:

Ani Aprahamian
University of Notre Dame, Dept. of Physics
225 Nieuwland Science
Notrre Dame, IN 46556
Phone: (574) 631-8120
Email: "aapraham@nd.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 2016 DNP Mentoring Award selection committee are: Ani Aprahamian (Chair), Warren Rogers, Calvin Johnson, Artemis Spyrou, and Dirk Walecka.

## 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 2016 award are due 1 March 2016. 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:

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

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| 2016 | October 12-15 | Vancouver, BC |
| 2018 | October 23-27 | Waikoloa, HI |

## 12. FUTURE APS SPRING MEETING INFORMATION

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| 2017 | Jan 28-31 | Washington, DC |
| 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. IUPAP YOUNG SCIENTIST PRIZE IN NUCLEAR PHYSICS, Ani Aprahamian

This prize was established by IUPAP in 2005 at the time of the General Assembly in Capetown, South Africa. The purpose of this prize, which consists of 1,000 €, a medal, and a certificate citing the recipient's contributions, is:
*To recognize and encourage very promising experimental or theoretical research in nuclear physics, including the advancement of a method, a procedure, a technique, or a device that contributes in a significant way to nuclear physics research. Candidates for the prize must have a maximum of eight years of research experience (excluding career interruptions) following the Ph.D. (or equivalent) degree.*

Nominations by one or two nominators (and distinct from the nominee) are open to experimental and theoretical nuclear physicists. The nomination package should contain the nomination letter, at least two additional letters of support, the curriculum vitae of the nominee containing also the list of publications. Three prizes will ordinarily be awarded at the tri-annual International Nuclear Physics Conference.

Letters supporting the nomination should detail the expected significance of the contributions of the nominee to nuclear physics. It is also appropriate to submit published articles that underline the expected significance of the nominee's contribution to nuclear physics. It is important that the selection committee receives specific information as to the nominee's has contribution and how this contribution will impact the field.

Nominations for prizes to be awarded at the next International Nuclear Physics Conference, September 11-16, 2016, in Adelaide, Australia, should be sent by email by December 1, 2015, to the Chair of the IUPAP Commission of Nuclear Physics (C12): Prof. Alinka Lépine-Szily, Institut of Physics, University of São Paulo, alinka@if.usp.br subject "IUPAP prize nomination".

## 14. APS MEETING IN SALT LAKE CITY, 16-19 APRIL 2016

The APS April Meeting is heading to Salt Lake City, Utah! The meeting will bring together hundreds of physicists to present the latest research in astrophysics, gravitational physics, nuclear physics, particle physics, etc. to share new research and insights at sessions sponsored by nineteen units of the APS:

**Divisions**
- Astrophysics (DAP)
- Computational Physics (DCOMP)
- Nuclear Physics (DNP)
- 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)
- Gravitation (GGR)
- Hadronic Physics (GHP)
- Instrument and Measurement Science (GIMS)
- Physics Education Research (GPER)
- Physics of Climate (GPC)
- Precision Measurement & Fundamental Constants (GPMFC)

The April meeting will offer an outstanding scientific program that includes three plenary sessions (9 plenary talks), 75 invited speaker sessions, and more than 100 contributed paper sessions. Only APS members (or members of societies with reciprocal agreements with the APS) may submit contributed abstracts. Create an abstract, proof read it, and submit it prior to the Friday, 8 January 2016, abstract submission deadline. You may submit only one abstract.

Note the deadlines:

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| o | 8 January | Abstract Submission |
| o | 26 February | Early Registration |
| o | 11 March | Hotel Reservations |
| o | 25 March | Online Registration Closes |

## 15. ABSTRACT SUBMISSION FOR THE APRIL 2016 MEETING

Complete abstract submission instructions can be found on the APS web site http://www.aps.org under the heading Meetings. Abstracts are not accepted via email.

**Deadline**: Abstracts for the 2016 April Meeting (APR16) next April must be submitted by 5:00 p.m. EDT on Friday, January 8th. The sorters meeting to arrange the sessions will be the following Friday.

**Note**: **APS members are entitled to one contributed abstract for oral presentation. A second abstract by the same lead speaker will be ignored.**

Before beginning the abstract submission process, it is helpful to know (1) the number and ordering of the authors and (2) the content of the abstract. The web page will guide one through the submission process. Contributed abstracts are limited to 1300 characters.

Questions regarding abstract submission can be sent to abs-help@aps.org.

## 16. 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.**

## 17. CANDIDATE BIOGRAPHIES

*NOMINATIONS FOR VICE-CHAIR*

**DAVID J. DEAN** – Director, Physics Division, Oak Ridge National Laboratory (effective July 2011); Senior Advisor to the Under Secretary for Science, Department of Energy (2009-2011) Director, Institutional Planning (ORNL) (2007-2009); Nuclear Theory Group Leader (2005-2009) Distinguished Senior Scientist, Senior Scientist, Scientist, Wigner Fellow (1995-2009); Post-Doctoral Research Fellow, California Institute of Technology (1992-1995); PhD in Physics, Vanderbilt University (1991); B.S. in Physics, University of Tennessee at Chattanooga (1985). Fellow of the Institute of Physics (2011); Fellow of the American Physical Society (2004); Presidential Early Career Award in Science and Engineering (1998); DOE Young Investigator Award (1998). Professional Service: Chair of the Facility for Rare Isotope Beams (FRIB) Science Advisory Committee (2015 start); Member, Nuclear Physics Long Range Planning Working Group (2014-2015); Member: Jefferson Laboratory PAC (2015 start); Argonne National Laboratory Physical Sciences and Engineering Directorate Review Committee (2012 start); Member, National Superconducting Cyclotron Laboratory (NSCL) PAC (2009-2014); American Physical Society Nominating Committee (2014-2015); Member, Bonner Prize Nominating Committee (2013-2014); Division Associate Editor for Nuclear Physics for Physical Review Letters (2008-2014); Co-director, Japan U.S. Institute for Physics with Exotic Nuclei (JUSTIPEN, 2008-2011); Member, National Energy Research Scientific Computing Executive Committee (1999-2008, chair 2005-2008); Member, Nuclear Physics Long Range Planning Group (2007); National Nuclear Physics Summer School Steering Committee (2004-2008, chair 2007); Member, NSAC (2004-2007); member, American Physical Society, Division of Nuclear Physics Program Committee (2000-2003); Chair, RIA Theory Group Executive Committee (2004-2005); Member, NSAC FRIB Task Force (2006-2007); Visiting Professor, University of Oslo Centre of Mathematics for Applications (2004-2010); Member, DOE Advanced Scientific Computing Advisory Committee (ASCAC) subcommittee on Facilities Performance Measures (2006); member of 18 various international conference advisory committees (1997-present). Research interests and activities: nuclear quantum many-body theory, nuclear astrophysics; computational physics.

**MICHAEL J. RAMSEY-MUSOLF** – Professor of Physics, University of Massachusetts Amherst & Director, Amherst Center for Fundamental Interactions (September 2013 to present); Professor Physics, University of Wisconsin-Madison (2006-2013); Senior Research Associate in Physics, California Institute of Technology (2001-2007); Associate Professor of Physics, University of Connecticut (1997-2004, tenured 1999); Fellow, Institute for Nuclear Theory (1996-1998); Assistant Professor of Physics, Old Dominion University (1992-1996); Staff Scientist, Jefferson Laboratory (1992-1996); Post-Doctoral Research Associate, Massachusetts Institute of Technology (1989-1992); Ph.D. in Physics, Princeton University, 1989; B.A. in Physics and Mathematics, Pomona College (1984); M. Div., Episcopal Divinity School (1993); Fellow of the American Physical Society (2001); recipient, NSF Young Investigator Award (1993-1998); recipient, Dissertation Award in Nuclear Physics (1990). Professional Service: Member, NSAC Long Range Plan Working Group (2002, 2007, 2015); Co-Chair, DNP Long Range Plan Town Fundamental Symmetries/Neutrinos Town Meetings (2006, 2014); Member, NSAC Long Range Plan Implementation Committees (2005, 2012); Member, NSAC Fundamental Neutron Physics Review Committees (2003, 2011); Member, Institute for Nuclear Theory National Advisory Committee (2004-2006); Member, Fundamental Neutron Physics Beamline Program Review and Advisory Committee (2005 to present); Member, Facility for Rare Isotope Beams Scientific Advisory Committee (2014 to present); Member, Paul Scherrer Institute Particle Physics Advisory Committee (2010 to present); Member, Munich Institute for Astro-Particle Physics Program Advisory Committee (2012 to present); Member, DUSEL/Sanford Lab Advisory Committee (2010-2012); Member, NSAC (2007-2009); Co-convener, Nucleons, Nuclei & Atoms subgroup for Snowmass Intensity Frontier Working Group (2013); Member, APS Committee on International Freedom of Scientists (2007-2009) and Chair (2009); Member, APS Division of Nuclear Physics Executive Committee (2007-2008); Member, APS DNP Home Page Committee (2007); Member, APS DNP Fellowship Committee (2005-2006); APS DNP Dissertation Award Committee (1999-2001, 2006); Member, APS DNP Program Committee (1997-

1998); Member, APS DNP Nominating Committee (1997-1998); APS DNP Bonner Prize Committee Vice Chair (1996), Chair (1997); Member Editorial Board, Physics Reports (2010 to present); Member, LGBT+ Physicists organizers committee (2012 to present).

*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*, 1986–91, 1992–97, 1998–2003, 2004–; Associate Editor of *Physical Review C*, 1988–92, 1993–97, 1998–2002; Editor of Physical Review C, 2002–2007, 2007–. 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, 2005, 2009. 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.

*NOMINATIONS FOR EXECUTIVE COMMITTEE*

**GAIL E. DODGE** – Professor of Physics, Old Dominion University, 2006 – present; Chair of Physics, Old Dominion University, 2005 – 2011; Associate Professor, Old Dominion University, 2001 – 2006; Assistant Professor, Old Dominion University, 1995 – 2001; Postdoctoral Research Associate Vrije Universiteit, Amsterdam, 1992 – 1994; Ph.D. in Physics Stanford University, 1993; B.A. in Physics, Princeton University, 1986; Outstanding Faculty Award from the State Council of Higher Education for Virginia, 2015. *Professional Service:* Visiting scientist and program manager for nuclear physics at the National Science Foundation, 2012 – 2014; Nuclear Science Advisory Committee, 2010 – 2012; Member of NSF and DOE Committee of Visitors; Jefferson Lab Users Group Board of Directors, 1999 – 2001 and 2005 – 2007; APS Division of Nuclear Physics Nominating Committee, 2011 – 2012; Hall B Steering Committee for the CLAS12 upgrade, 2005 – 2010; Organizer for 2016 Conference for Undergraduate Women in Physics (CUWIP) at Old Dominion University and Jefferson Lab. *Research Interests:* nucleon spin structure; pion production in the resonance region, neutron structure; electron scattering at Jefferson Lab as a member of the CLAS collaboration.

**JOHN LAJOIE** – Professor of Physics, Iowa State University, 2008-present; Associate Professor of Physics, Iowa State University, 2003-2008; Assistant Professor of Physics, 1997-2003; Associate Research Scientist, Yale University, 1996-1997; Ph.D. in Physics, Yale University, 1996; B.S. in Physics, Iowa State University, 1989. Professional Service: Deputy Spokesperson for the PHENIX Collaboration, 2013-present; RHIC Spin NSAC Whitepaper Working Group member, 2014; Elected member of PHENIX Executive Council, 2007-2103; RHIC Spin Collaboration Meeting organizer, 2010; DOE/NP SBIR/STTR Step 1 Review Panel, 2010; RHIC-AGS Users Executive Committee elected member, 2005; PHENIX Experiment Run Coordinator, 2004-2005. Research interests: Quantum Chromodynamics, spin structure of the proton, heavy-ion physics, cold nuclear matter

**JORGE PIEKAREWICZ** – Professor of Physics, Florida State University, 2005-present; Associate Professor of Physics, Florida State University, 2002-2005;Assistant Professor of Physics, Florida State University, 1998-2002; Associate Scientist, Supercomputer Research Institute, Florida State University, 1994-1998; Assistant Scientist, Supercomputer Research Institute, Florida State University, 1990-1994; Postdoctoral Research Fellow, Indiana University, 1987-1990; Postdoctoral Research Fellow, California Institute of Technology, 1985-1987; Ph.D in Physics, University of Pennsylvania, 1985; B.S. in Physics, Universidad Nacional Autónoma de México, 1981. Honors and Awards: Fellow of the American Physical Society, 2005; Florida State University Teaching Award, 200-2001; 2006-2007; 2013-2014. Professional Service: Nuclear Physics Long Range Plan Working Group, 2015; Excellence in Reviewing Nuclear Physics A, 2013; Nuclear Science Advisory Committee, 2012-present; Outstanding Referee American Physical Society, 2012; Mentoring Committee Division of Nuclear Physics, 2011-2012; Member, various International Advisory Committees, 2010-present; DOE Office of Nuclear Physics Committee of Visitors, 2010; NSF Division of Physics Committee of Visitors, 2009; Nuclear Astrophysics and Study of Nuclei Town Meeting, 2007. Research Interests: Theoretical nuclear physics, nuclear structure, nuclear astrophysics.

**DAVID C. RADFORD** – Group Leader and Corporate Fellow, Oak Ridge National Laboratory, 2015-present; Group Leader / Distinguished Research Staff / Senior Research Staff / Research Staff Member, Oak Ridge National Laboratory, 1997-2015; Research Scientist, AECL Chalk River Laboratories, Ontario, Canada, 1985-1997; Research Associate, Argonne National Laboratory, 1983-1984; Visiting Research Scientist, CRN, Strasbourg, France, 1981-1983; Postdoctoral Research Staff, Yale University, 1978-1981; Ph.D. in Nuclear Physics, Auckland University, New Zealand, 1978; B.Sc. in Physics, Auckland University, New Zealand, 1974. Fellow of the American Physical Society (2006). Professional Service: NSAC Long Range Plan Resolution Committee, 2015; American Physical Society, Division of Nuclear Physics, Program Committee, 2014-present; Chair, GRETINA Advisory Committee, 2004-present; Chair, ATLAS (Argonne National Laboratory) Program Advisory Committee, 2003-2009; Chair, GAMMASPHERE Users Executive Committee; RIKEN RIB Factory Program Advisory Committee for Nuclear Physics Experiments, 2006-2008; Numerous DOE Office of Nuclear Physics and NSF reviews, including DOE Nuclear Structure / Nuclear Astrophysics Review Panel 2014, NSCL (MSU) NSF Site Review Committee, 2014, CUORE CD-2, CD-3, CD-4, and Annual Reviews, 2009-2015, ATLAS (ANL) DOE Site Review Committee, 2006-2007, NSF Merit Reviews. Research interests and activities: Neutrino physics, neutrinoless double-beta decay, nuclear structure research with radioactive ion beams and multi-

detector arrays, digital-signal processing and data-analysis software. Majorana Executive Committee, 2004-present (Chair, 2009-2010); Deputy Project Manager, Majorana Demonstrator, 2010-present.

**RAJU VENUGOPALAN** – received his B.S from the University of Chicago in 1987 and a Ph. D degree from Stony Brook in 1992. He was a post-doctoral research associate at the Theoretical Physics Institute at the University of Minnesota, the National Institute for Nuclear Theory in Seattle, and was a research assistant professor at the Niels Bohr Institute in Copenhagen. Raju joined Brookhaven National Lab in 1998, received tenure in 2002 and was promoted to Senior Scientist in 2007. He served as Group Leader of the Nuclear Theory Group at BNL from 2010-2015. Raju is an Adjunct Professor at Stony Brook University and a visiting Excellence Professor at Heidelberg University. Raju was a Danish Research Council Fellow (1997-1998), a Fellow of the RIKEN-BNL Center (RBRC) (2000-2003), a US Research Fellow of the Humboldt Foundation (2004-2005) and received a Senior Specialist Award from the Fulbright Foundation (2011-2015). He was elected a Fellow of the American Physical Society in 2007 and elected chair of the BNL Council (2010-2011). Raju is an International Scientific Associate of the Discovery Center in Copenhagen, serves on NSAC (term 2012-16) and on the National Advisory Committee of the INT (term 2015-2017). He is currently the Chair-Elect of the Topical Group on Hadron Physics and serves as co-Editor of the journal Annals of Physics. Raju's research involves understanding the structure of hadrons and nuclei at high energies, the non-equilibrium dynamics of strongly correlated matter, and the physics of the quark-gluon plasma. Raju's research has received nearly 13000 citations; his seminal paper on the Color Glass Condensate is one of the most highly cited papers in Nuclear Physics.

**REMCO G.T. ZEGERS –** Professor of Physics, Michigan State University/NSCL, 2013-present; NSCL Associate Director for Experimental Research, 2012-present; NSCL Interim Associate Director for Education, 2013-2015; NSCL Faculty Excellence Advocate, 2013-present; Associate Professor of Physics, Michigan State University/NSCL, 2009-2012; Assistant Professor of Physics, Michigan State University/NSCL, 2003-2009; Research Center for Nuclear Physics, Osaka University, Visiting Scientist, 2001-2003; Science and Technology Agency of Japan Fellow, 1999-2001; Ph.D. in Mathematics and Physics, University of Groningen, The Netherlands, 1999; M.S. in Technical Physics, University of Groningen, 1995; Committee on Institutional Cooperation Academic Leadership Fellow 2014-2015; Professional Service: Physical Review C Editorial Board, 2015-present; Nuclear Astrophysics Town Meeting working group co-convener; FRIB High Rigidity Spectrometer working group co-convener and contact person; FRIB neutron-detector working group co-convener and contact person; American Physical Society (APS) Division of Nuclear Physics (DNP) program committee member 2012-2014; Co-Director Exotic Beam Summer School, 2010-2013; Conference/Workshop/School (Co-Organization: High-Rigidity Spectrometer Workshops (2011,2014), APS-DNP Meeting (2011), Exotic Beam Summer School (2011), Collective Motion in Nuclei under Extreme Conditions (COMEX3; 2009), Nuclei In the Cosmos (NIC10; 2008), Joint Institute for Nuclear Astrophysics (JINA) Frontiers (2005), JINA Workshop on Charge-exchange Reactions (2004); Grant and/or Program reviews for NSF, DOE, and international funding agencies; Program Advisory Committee, Research Center for Nuclear Physics, Osaka 2005-2008; Research Interests: spin-isospin response of nuclei and charge-exchange reactions (involving rare isotopes) focused on aspects of weak reaction rates in nuclear astrophysics, isovector giant resonances, evolution of nuclear shell structures, matrix elements for (neutrinoless) double beta decay; spectrometers for fast rare-isotope beams, low-energy neutron detection, commensal use of rare-isotope beams.

## 18. FUTURE CONFERENCES

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

**"32nd Winter Workshop on Nuclear Dynamics (WWND 2016)"**
Guadeloupe, 28 February - 5 March 2016
URL: https://indico.cern.ch/event/435555/
Email: wwnd2016@fias.uni-frankfurt.de

**"12th International Conference on Low Energy Antiproton Physics (LEAP2016)"**
Kanazawa, Japan, 6-11 March 2016
Contact: Yasu Yamazaki via LEAP2016_Support@riken.jp
URL: http://leap2016.riken.jp/

**"Gordon Research Conf. on Photonuclear Reactions"**
Holderness, NH, 7-12 August 2016
Contact: A. Acardi (Hampton U and JLab)
URL: http://www.grc.org/programs.aspx?id=11906

**"International Conference on Nuclear Physics" (INPC2016)**
Adelaide, Australia, 11-16 September 2016
Contact: A. W. Thomas
URL: www.physics.adelaide.edu/cssm/workshops/inpc2016

**"2016 International Conference on the Applications of Accelerators in Research and Industry" (CARRI 2016)**
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