



**TO:** Members of the *Division of Nuclear Physics, APS*  
**FROM:** Ken Hicks, Ohio U. – Secretary-Treasurer, DNP

**HIGHLIGHTED IN THIS NEWSLETTER:**

- 2021 DNP Elections

**Future Deadlines:**

- **8 January 2021** — Deadline submit abstracts for April APS mtg.
- **22 January 2021** — Deadline to vote in the DNP Election
- **1 March 2021** — Nominations for Mentoring or Service Awards
- **1 May 2021** — Nominations for DNP Fellows or Freedman Award

The home page for the Division of Nuclear Physics is available at <http://dnp.aps.org>. Information of interest to DNP members – nominations, prizes, meeting deadlines, *etc.* are provided. Each DNP Newsletter is posted online. Comments and suggestions are solicited. Please send them to Julie Roche at [roche@ohio.edu](mailto:roche@ohio.edu).

**1. 2020 DNP ELECTIONS**

The terms of the officers and three members of the current Executive Committee will expire in April 2021. The installation of officers will take place at the DNP Business meeting in April 2021. Krishna Kumar will become Past-Chair, Sherry Yennello will become Chair, and Vicki Greene will become Chair-Elect. Baha Balantekin will remain as Division Councilor; his term as Divisional Councilor expires in April of 2022. Evie Downie, Jaki Noronha-Hostler and Jeff Nico will remain members of the Executive Committee. In April 2021, Robert Janssens will retire as Past-Chair, and Jeff Blackmon, Nadia Fomin, and Julie Roche will retire from the Executive Committee. A Vice Chair, Secretary-Treasurer, and three members of the Executive Committee are to be elected. Executive Committee terms are 2 years, and the Secretary-Treasurer term is currently for 1 year.

This year's Nominating Committee consists of Joanna Kiryluk (Chair), Fred Wietfeldt (Vice-Chair), Xin Dong, Alfredo Galindo-Uribarri, and Jianwei Qiu. The candidates selected by the Nominating Committee and approved by the Executive Committee are:

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

John Arrington (Lawrence Berkeley National Lab)  
Haiyan Gao (Duke University)

**Secretary-Treasurer** (one position):

Ramona Vogt (LLNL)

**Executive Committee** (three positions):

Christine Aidala (University of Michigan)  
Paul Fallon (Lawrence Berkeley National Laboratory)  
Carla Frohlich (North Carolina State University)  
Alejandro Garcia (University of Washington)  
Dean Lee (Michigan State University)  
Dan Melconian (Texas A&M University)  
Sevil Salur (Rutgers University)

*Candidate information and bios are given later in this newsletter.*

**2. ACKNOWLEDGE YOUR SPONSORING AGENCY**

Given the importance of agency sponsorship in fostering nuclear physics research, we urge DNP members to acknowledge their agency sponsors in any talk or publication: seminars, workshop contributions, APS meeting talks, conference talks/posters, etc.

**3. 2020 DNP MENTORING AWARD**

The 2020 recipient of the APS Division of Nuclear Physics Mentoring Award is Jolie Cizewski of Rutgers University. This award was announced at the Business Meeting of DNP20 (held virtually via Zoom). Her citation reads:

*"For her exceptional commitment to undergraduate and graduate education which has had an enormous and continued impact on the lives of first-generation college students, women in physics, graduate students and early career scientists."*

**4. 2020 NUCLEAR PHYSICS DISSERTATION AWARD**

The 2020 recipient of the Nuclear Physics Dissertation Award of the APS Division of Nuclear Physics is Jordan Melendez at The Ohio State University. Jordan's dissertation was written under the direction of Richard J. Furnstahl. Jordan presented a summary of his research at the Awards session of the DNP20 virtual meeting. His citation reads:

*"For the development of tools that rigorously quantify theory uncertainties in nuclear-physics observables and their application to forefront problems including infinite matter, neutrinoless double-beta decay, and experimental planning."*

**5. 2020 STUART JAY FREEDMAN AWARD**

The 2020 recipient of the APS Division of Nuclear Physics Stuart Jay Freeman Award is Marta Verweij of Utrecht University. This is the third year for this award, given "for an outstanding early career experimentalist in nuclear physics". She gave a presentation at the Awards session of the DNP20 virtual meeting and was congratulated in the Chair's remarks at the DNP20 Business Meeting. Her citation reads:

*"For pioneering work in experimental investigations of jet quenching in quark-gluon plasma produced by ultra-relativistic heavy ion collisions."*

**INSIDE . . .**

- Prize and Award Recipients
- DNP Election: Candidate Biographies
- April APS meeting in Washington, DC



## 6. 2021 BONNER PRIZE WINNER

Geoffrey L. Greene of the University of Tennessee (Knoxville), with a joint appointment at Oak Ridge National Laboratory, was named the recipient of the 2021 APS Tom W. Bonner Prize in Nuclear Physics. The prize will be awarded at the APS 2021 April meeting. His citation reads:

*"For foundational work establishing the field of fundamental neutron physics in the US, for developing experimental techniques for in-beam measurements of the neutron lifetime and other experiments, and for realizing a facility for the next generation of fundamental neutron physics measurement."*

## 7. 2021 FESHBACH PRIZE WINNER

Berndt Mueller of Duke University, with a joint appointment as the Associate Director for Nuclear and Particle Physics at Brookhaven National Laboratory, was named the recipient of the 2021 APS Herman Feshbach Prize in Theoretical Nuclear Physics. The prize will be awarded at the APS 2021 April meeting. His citation reads:

*"For seminal theoretical contributions to the identification of quark-gluon plasma signatures, focused on predictions of hadronic observables of the partonic state that inform the understanding of thermalization, fluctuations, flow observables, and hadronic spectra."*

## 8. 2021 BETHE PRIZE WINNER

James W. Truran of The University of Chicago (Illinois) was named the recipient of the 2021 APS Hans A. Bethe Prize. The prize will be awarded at the APS 2021 April meeting. His citation reads:

*"For distinguished contributions across the breadth of nuclear astrophysics, galactic chemical evolution and cosmochronology."*

More information on these prizes can be found on the APS website: <https://engage.aps.org/dnp/honors/prizes-awards>

## 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 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 2021 award are due 1 March 2021 and should be sent to Krishna Kumar, email: [kkumar@umass.edu](mailto:kkumar@umass.edu).

Nomination packets should consist of at least 3 but not more than 4 letters supporting the nomination and a brief bio sketch 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.

## 10. NOMINATIONS FOR THE DNP DISTINGUISHED SERVICE AWARD

Nominations are sought for the DNP's 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 2021 award are due March 1, 2021 and awarded at the fall DNP meeting. 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. Nominations, should be sent to: Krishna Kumar, email: [kkumar@umass.edu](mailto:kkumar@umass.edu).

## 11. 2020 DNP FALL MEETING

The Fall DNP meeting this year was held as a virtual meeting on Oct. 29 – Nov. 1. Because of COVID-19, an in-person meeting was not possible, and hence the New Orleans venue was moved to 2022 (note that the 2021 meeting is already set for Boston, see below). This was the first time the DNP held a virtual meeting. While the meeting was a success, due in large part to the organization of the co-hosts Michigan State University and Facility for Rare Isotope Beams, some important lessons were learned to improve any future virtual meetings. For example, many people found the "webinar" format of the Zoom software to be too restrictive for discussions among participants. Valuable feedback was received from DNP members from a survey sent out after the meeting. About 1390 people registered for the DNP20 meeting, which is about double that of a typical in-person fall DNP meeting.

## 12. FUTURE DNP FALL MEETINGS

The dates include the pre-meeting 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. Richard Milner of MIT will chair the local organizing committee for the 2021 Fall DNP meeting.

2021	Oct. 11 – Oct. 14	Boston, MA
2022	Oct. 29 – Nov. 1	New Orleans, LA

2023	Dates TBD	Hawaii
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Note that the Hawaii meeting, a joint meeting of the Japanese Physical Society (JPS) and the DNP, has been pushed back a year. This is due to the 2020 meeting, originally planned in New Orleans, to be rescheduled for 2022. After consulting with our Japanese colleagues, together we decided it was in the best interests of all to delay the joint JPS/DNP until 2023. Baha Balantekin will be the co-Chair of the Organizing Committee for HAW23. The Hawaii meeting is typically held at Hilton Waikoloa Village on the Big Island, but other locations in Hawaii are also being considered.

### 13. FUTURE APS SPRING MEETING INFORMATION

2021	April 17-21	Virtual meeting
2022	April 23-26	Washington, DC

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

### 14. 2021 APS APRIL VIRTUAL MEETING

The APS April Meeting will be held online, as a virtual meeting. The meeting encapsulates the full range of physical scales, from “Quarks to the Cosmos: Advancing Science in a Global and Inclusive Community” which is the meeting’s theme. Research will be presented on topics from the 20 participating units including particle physics, nuclear physics, astrophysics, and gravitation. For more information, go to the APS website: <https://april.aps.org>.

There will be two DNP Prize Sessions, both held on Monday, April 19, with one starting at 1:30 pm and the other starting at 3:30 pm local time. The first Prize Session will be joint with the Division of Astrophysics. The DNP Business Meeting will be held thereafter, starting at 5:30 pm.

ABSTRACTS: The submission deadline is January 8, 2021.

REGISTRATION: The early registration deadline is Feb. 26, 2021.

MEETING FORMAT: Virtual, similar to the 2020 APS April Meeting.

### 15. DNP EDUCATION COMMITTEE REPORT

One measure of the growth of our field and the future nuclear workforce is the number of nuclear researchers who are currently advising graduate students towards a Ph.D. To this end, the DNP Education Committee has been tracking the number of nuclear tenure track faculty in the US at Ph.D. granting institutions since 2015. Through departmental websites and online CVs, demographic information was collected, such as current institution and academic rank, and the institution, country and year of Ph.D. The subfield, theory/experiment, and gender were inferred from information publicly available.

### 16. NOTICE REGARDING A VALUED COLLEAGUE

Akito Arima, noted nuclear physicist, passed away on December 7, 2020. He had served on the faculty of State University of New York at Stony Brook and University of Tokyo. He later served as the President of the University of Tokyo, Education Minister of Japan, and President of the Japan Science Foundation. He shared the 1993 Bonner Prize of APS with Franco Iachello. Akito played a central role in the very successful collaboration between the RIKEN (Japan) and RHIC (USA) programs. More information on his life and accomplishments can be found at: [https://en.wikipedia.org/wiki/Akito\\_Arima](https://en.wikipedia.org/wiki/Akito_Arima).

## 17. CANDIDATE BIOGRAPHIES

### NOMINATIONS FOR VICE-CHAIR (choose 1 of 2)

**JOHN ARRINGTON** – Senior Scientist, Lawrence Berkeley National Laboratory. Interim Physics Division Director, Argonne National Laboratory, 2018-2019; Deputy Physics Division Director, Argonne, 2018, Medium Energy Physics Group Leader, Physics Division, ANL, 2014-2018; Senior Physicist, 2014-2020; Physicist, 2001-2014. PhD in Nuclear Physics, California Institute of Technology, 1998. AAAS Fellow, 2016; APS Fellow, 2012; Presidential and DOE Office of Science Early Career Awards, 2005; APS/DNP Dissertation Award, 2000; NSF Graduate Research Fellowship. EICUG Steering Committee, member, 2016-present; DNP Executive Committee, member, 2017-2019; APS Topical Group on Hadron Physics (GHP), Chair line, 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. Research: Hadronic physics, nucleon structure, and nuclear structure at both the hadronic and partonic level. Experimental focus is on Jefferson Lab and the future EIC, with additional measurements performed at Fermilab, Novosibirsk, HERA, MIT-Bates, and SLAC. Strong interests in mentoring, science communication, and public outreach.

**HAIYAN GAO** – Henry Newson Professor of Physics at Duke University. She received her B.S. in physics from Tsinghua University in 1988 and her Ph.D. in Physics from the California Institute of Technology in 1994. She was a postdoctoral research associate at the University of Illinois, Urbana-Champaign from 1994 to 1996 prior to joining the Argonne National Laboratory as an Assistant Physicist. She was on the faculty at MIT from 1997-2002 before joining the physics faculty at Duke in 2002 where she became a full professor in 2008. Her research interests cover nucleon structure, the search for QCD exotic states, fundamental symmetry studies at low energy, and the development of polarized gas targets. She was the Chair of the Physics Department from July 2011 to December 2014 at Duke University and served as the founding Vice Chancellor for Academic Affairs at Duke Kunshan University from January 2015 to June 2019. She was named a fellow of the APS in 2007. She chaired and co-chaired many workshops and conferences and has served on many committees and advisory panels, including the executive board of the APS, the Executive Committee of the DNP, the National Academies of Sciences, Engineering and Medicine Committee on U.S.-Based Electron Ion Collider Science Assessment, the NSAC Long Range Plan Working Group, and the program advisory committees at Jefferson Lab, Brookhaven National Laboratory and Mainz. Currently she chairs the International Spin Physics Committee.

### NOMINATIONS FOR SECRETARY-TREASURER (1 candidate)

**RAMONA VOGT** – Physicist at Lawrence Livermore National Laboratory, Adjunct Professor of Physics at UC Davis, and Affiliate Scientist at Lawrence Berkeley National Laboratory. She received a B.S. Physics from the University of Illinois at Urbana-Champaign and her PhD in Physics from the State University of New York at Stony Brook. She was a postdoctoral fellow at LLNL and GSI in Germany. She has been an August-Wilhelm Scheer Visiting Professor at the Technical University of Munich and has served as Scientific Editor of LLNL's Science & Technology Review. Her research interests are broad, including production of heavy flavor, quarkonium, and electromagnetic probes of cold to hot nuclear matter, the

phenomenology of nuclear fission as co-developer of the FREYA complete event fission model, fission recycling in r-process nucleosynthesis, and nuclear modifications of high energy neutrino production. She was named a fellow of the APS in 2010 for her contributions to heavy flavor physics in heavy-ion collisions. She has been an editorial board member of Physical Review C and Physical Review Research and was named an APS Outstanding Referee in 2017. She has been an organizer of many conferences and workshops including the CHARM, Hard Probes, and Quarkonium Working Group series of meetings and is a local organizer for the upcoming Nuclear Data conference in 2022. She has been involved in outreach activities, including LBNL's Nuclear Science Day for Scouts. She has a long history of service to the APS, both in the DNP, where she served on the Program Committee and the Executive Committee, and in the Topical Group on Hadronic Physics, as a Member-at-Large, Past Chair and Secretary-Treasurer. She helped establish the GHP Dissertation Award. She is a member of the DNP Allies.

*NOMINATIONS FOR EXECUTIVE COMMITTEE (choose 3 of 7)*

**CHRISTINE AIDALA** — Professor of Physics at the University of Michigan, where she has been on the faculty since 2012. She completed her Ph.D. in 2005 at Columbia University, followed by positions as a postdoc with UMass Amherst, then a Reines Fellow and later staff scientist with Los Alamos National Lab. Her research interests lie in high-energy quantum chromodynamics, specifically in proton structure and the process of hadronization. After getting her start in experimental nuclear physics at Yale's Wright Nuclear Structure Lab as an undergraduate in 1996, she has been performing research at the Relativistic Heavy Ion Collider continuously since 2001 as part of the PHENIX and now sPHENIX experiments. She has been part of the Fermilab SeaQuest experiment since 2010 and joined LHCb at the Large Hadron Collider in 2017, initiating within the collaboration a new physics program focused on hadronization. She is a leader within the community working to realize the future Electron-Ion Collider (EIC), serving as the elected Institutional Board Chair and an ex-officio member of the Steering Committee of the EIC User Group since 2016. She furthermore served as an expert member on the National Academy of Sciences Committee on a U.S.-Based Electron-Ion Collider Science Assessment (2016-18). She has served as principal or co-organizer for more than 20 workshops and conferences. She has been recognized with a Sloan Research Fellowship, an NSF CAREER Award, a Presidential Early Career Award for Scientists and Engineers, and a Fulbright Fellowship to perform research in Italy. Her prior service to the APS includes the DNP Nominating Committee (2019-20), DNP Program Committee (2017-18), the M. Hildred Blewett Fellowship Selection Committee (2017), the Topical Group on Hadronic Physics (GHP) Nominating Committee (2016), GHP Executive Committee (2014-15), and GHP Dissertation Award Committee (2014).

**PAUL FALLON** — Senior scientist at Lawrence Berkeley National Laboratory (LBNL), Project Director for GRETA (Gamma-Ray Energy Tracking Array), and Fellow of the American Physical Society. He received his PhD in experimental Nuclear Physics from the University of Liverpool in 1989, joined the Nuclear Science Division (NSD) at LBNL as a Divisional Fellow in 1992, and became a senior scientist in 1997. He was the Nuclear Structure Group Leader (1997-2006), Deputy Division Director (2006-2008), and Program Head for Low Energy Nuclear Physics (2009-present). He has served on advisory boards for the Nuclear Science Advisory Committee (NSAC), Department of Energy (DOE), and National Science Foundation (NSF), as well as DOE/NSF project and Facility review committees. He is an active member of the nuclear physics community serving on both Facility User and Science Advisory committees; Gammasphere Users Executive

Committee (1996-1997, 2004-2006 (chair), 2008-2010); National Nuclear Data Program Steering Committee (1998-1999); Co-chair/organizer DNP Town Meeting on Nuclear Structure and Astrophysics (2000); NSAC Long Range Plan Writing Group (2001); ANL/ATLAS Users Executive Committee (2010-2011); NSCL Users Executive Committee (2010-2012); FRIB Users Executive Committee - NSCL subcommittee (2012-2013); GRETINA Users Executive Committee (chair, 2012-2015); DOE SC/OPA FRIB Review Panel (subcommittee chair, 2009-2015); DOE (NP) Committee of Visitors (2013); DNP Program Committee (2012-2014); PI and Chair, Japan-US Experimental Institute for Physics of Exotic Nuclei, JUSEIPEN (2011-2015); Low Energy Community Organizing Committee (2014-present); RIBF/RIKEN Users Executive Committee (2013-2015); NSCL/MSU Program Advisory Committee (2019-2020).

**CARLA FROHLICH** — Received her PhD in 2007 from the University in Basel (Switzerland) for her work on "The Role of Neutrinos in Explosive Nucleosynthesis in Core-Collapse Supernovae". She was awarded an Enrico Fermi Postdoctoral Fellowship from the University of Chicago to work with Dr. James Truran for three years. In 2010, she joined the faculty at North Carolina State University, where she currently holds the rank of Associate Professor and University Faculty Scholar. Carla Frohlich received a 2013 DOE CAREER Award and she is a 2014 Cottrell Scholar. Her research is computational in nature and lies at the interface of astrophysics (modeling of supernovae), nuclear physics (low-energy nuclear physics experiments with radioactive ion beams) and observational astronomy (abundances in metal-poor stars, supernova light curves). The current focus of her work is to predict observable multi-messenger signals (e.g., electromagnetic signals, nuclei, neutrinos, gravitational wave signals, remnants) from astrophysical transients such as supernovae and compact object mergers.

**ALEJANDRO GARCIA** — Professor of Physics, University of Washington, 2002 to present; Assistant, Associate, Full Professor of Physics, University of Notre Dame, 1994-2002; Postdoc fellow, Lawrence Berkeley Laboratory, 1991-1993; PhD in Nuclear Physics, University of Washington, 1991; M.S., Universidad de Tucuman, Argentina, 1984. Served in DOE Committee of Visitors (2016); TRIUMF Subatomic Physics Experiments Evaluation Committee (2011-2014); NSAC review on neutron physics in US (2011); Co-organizer Joint National Nuclear Summer School (2010); NSAC (2001-2005); Pipkin Award Committee (2007-2008); DNP Program Committee (2002-2004); DNP Web Page Committee, (2002-2004); DNP Program Committee (1997-1998); Phys. Rev. C, editorial board (2001-2005). Research interests: Nuclear beta decay, weak interactions, nuclear astrophysics. Performed experiments at radioactive beam facilities. Worked in neutron beta decay (emiT collaboration, UCNA collaboration). Member of the Muon g-2 collaboration. Most recently working on searches for new physics using table-top experiments with radioactive nuclei; developing detection of cyclotron radiation for nuclear beta decay spectroscopy.

**DEAN LEE** — Professor of Physics at the Facility for Rare Isotope Beams at Michigan State University (2017-present), Professor (2012-17), Associate Professor (2007-12), Assistant Professor (2001-07) of Physics at North Carolina State University. Postdoctoral Researcher at the University of Massachusetts Amherst (1998-2001). Ph.D. in Physics from Harvard University (1998), A.B. in Physics from Harvard University (1992). Local organizer of the 2020 DNP Virtual Meeting at the Facility for Rare Isotope Beams (FRIB), INT National Advisory Committee (2019-present), FRIB Theory Alliance Executive Board (2018-present), Chair Line of the APS Few-Body Topical Group (2016-2020), Associate Editor of the Nuclear Physics Section of Frontiers in Physics (2017-present). Co-organizer of the Nuclear TALENT

Summer School at ECT\* (2019), International Conference on Proton-Emitting Nuclei (2019), and International Workshop on Chiral Dynamics (2018). Fellow of the APS (2014), Alumni Distinguished Undergraduate Professor at North Carolina State University (2012), Outstanding Teaching Award at North Carolina State University (2006), APS LeRoy Apker Award (1991). Research Interests: Constructing new methods and insights in order to connect fundamental physics and emergent phenomena to forefront experiments in nuclear physics. Nuclear forces, structure, scattering, reactions, and thermodynamics, as well as high performance computing, quantum computing, and machine learning.

**DAN MELCONIAN** — Professor of Physics, Texas A&M University (2014-present); Postdoctoral Fellow at CENPA, University of Washington (2005-2007); PhD from Simon Fraser University (Burnaby, Canada) with research performed at TRIUMF (2005); M.Sc. from Simon Fraser University and B.Sc. (Hons) from McMaster University (Hamilton, Canada). His research is focused on using “table-top”  $\beta$ -decay experiments at radioactive ion beam facilities to probe fundamental symmetries of the charged electroweak interaction. Neutral-atom and Penning-ion traps are used in his program to allow elegant measurements of the polarized/unpolarized angular distribution of these decays with precision of a few parts-per-thousand, approaching sensitivities which will complement beyond-the-standard-model searches at the LHC. He was awarded the Canadian Association of Physicists DNP Thesis Prize in 2006 and received the DOE Early Career Award in 2011. He has reviewed and served on the panel for DOE ECA proposals, as well as other reviews and panels for the DOE, NSF and other international agencies. He served two years as an elected member to the Executive Committee of the TRIUMF Users Group (2010-2011) and is currently serving on the TRIUMF Experiment Evaluation Committee (since 2018).

**SEVIL SALUR** — Associate Professor in the Department of Physics & Astronomy at Rutgers, the State University of New Jersey. She studies high transverse momentum probes as a diagnostic tool to understand the properties of the quark-gluon plasma produced in heavy ion collisions at RHIC and LHC. Before joining the Rutgers faculty in 2011, she was a researcher at UC Davis, Lawrence Berkeley National Laboratory, and Yale University. She received a bachelor's degree in Physics from U.C Berkeley and earned her Ph.D. in Physics from Yale University, specializing in resonance production at RHIC energies with data collected by the STAR experiment. Since 2011, Salur has received continuous grant support from the National Science Foundation, including an NSF CAREER Award. She began using LHC upon completing her Ph.D. as a member of the ALICE and, later, CMS collaborations. She recently served as elected chair of the RHIC/AGS Executive Users Committee and is currently member of multiple committees within the EIC Users Group and her scientific collaborations. Prof. Salur has organized several conferences including the inaugural sPHENIX collaboration meeting, the 2015 and 2017 APS Conferences for Undergraduate Women in Physics (CUWiP) at Rutgers and Princeton (respectively), as well as Hot Quarks, a meeting specifically geared towards the younger members of the relativistic heavy ion community. She has mentored more than 20 undergraduate and graduate students for research and has received two teaching awards from Rutgers University. Prof. Salur has been doing research at RHIC for 20 years and looks forward to a bright future for our field featuring many discoveries working with new and existing collaborators as new facilities, including EIC, become a reality.

## 18. FUTURE MEETINGS

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

Under the leadership of the DPF, the US particle physics community is engaged in its long-range planning process known as “Snowmass 2021”. Snowmass is an opportunity for the entire HEP community to come together to identify and document a vision for the future of particle physics in the U.S. and with its domestic and international partners. Workshops will be organized over the next year, culminating in a 2021 summer study that pulls all the work together. Several of the topics and related workshops would likely profit from the participation of, and be of significant interest to, members of the DNP. More information on Snowmass 2021 can be found on the website: <https://snowmass21.org/>

In particular, the schedule of workshops, deadlines (e.g. for the Letters of Intent and contributed White Papers), and monthly newsletters are listed under “Announcements”: <https://snowmass21.org/announcements>

Links to the current and past workshops can be found at <https://indico.fnal.gov/category/1098/>

The scope of the Snowmass studies is organized in 10 “frontiers” which focus on specific scientific and societal questions relevant to particle physics. Some topics have overlaps with nuclear physics, in particular in the studies of neutrino physics, fundamental symmetries, QCD, detector instrumentation, and accelerator technologies. Members of DNP with interests in these topics are encouraged to participate in the

Snowmass process. We strongly encourage early career scientists (students, postdocs, junior faculty and staff) to engage through the “Snowmass Early Career” groups: <https://snowmass21.org/start/young>. Many of the community issues common to particle and nuclear physics are being discussed within the “Community Engagement Frontier”: <https://snowmass21.org/community/start>. For more information on how to stay connected to Snowmass 2021 through various media please see <https://snowmass21.org/communicationtypes>, or contact the conveners of the relevant frontiers and topical groups.

### “Snowmass 2021”

11-20 July 2021, at University of Washington (Seattle)  
Contacts: Bob Bernstein (FNAL) and Sergei Chekanov (ANL)  
URL: <https://snowmass21.org>  
Email: [snowmass-steering@fnal.gov](mailto:snowmass-steering@fnal.gov)

### “8th Asia-Pacific Conference on Few-Body Problems in Physics”

1-5 March 2021, Kanazawa, Japan  
Contacts: Emiko Hiyama, Souichi Ishikawa, Atushi Tamai  
URL: <http://www.rcnp.osaka-u.ac.jp/Divisions/np1-a/apfb2020>  
Email: [apfb2020@mail.phys.kuushu-u.ac.jp](mailto:apfb2020@mail.phys.kuushu-u.ac.jp)

### “International Conference on Hypernuclear and Strange Particle Physics (HYP2021)”

4-8 October 2021  
Contact: Jiri Mares, Conference Chair  
URL: <http://rafael.ujf.cas.cz/hyp2021/>  
Email: [mares@ujf.cas.cz](mailto:mares@ujf.cas.cz)

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