Chair Line

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<th>Chair</th>
<th>Chair-Elect</th>
<th>Vice-Chair</th>
<th>Secretary-Treasurer</th>
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<td>Sherry J. Yennello</td>
<td>S. Victoria Greene</td>
<td>Haiyan Gao</td>
<td>Ramona Vogt</td>
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<td><a href="mailto:yennello@comp.tamu.edu">yennello@comp.tamu.edu</a></td>
<td><a href="mailto:senta.v.greene@vanderbilt.edu">senta.v.greene@vanderbilt.edu</a></td>
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**HIGHLIGHTED IN THIS NEWSLETTER:**

- DNP Election Results
- 2021 DNP Fellows

**Future Deadlines:**

- **15 April 2022:** Nomination Deadline for DNP Mentoring Award
- **15 April 2022:** Nomination Deadline for DNP Distinguished Service Award
- **15 April 2022:** Nomination Deadline for the Stuart Jay Freedman Award
- **1 May 2022:** Deadline for Nominations of APS Fellows from DNP

The Division of Nuclear Physics home page is available at https://engage.aps.org/dnp/home. Information of interest to DNP members such as nominations, prizes, and committee memberships can be found there. The DNP newsletters are also posted online. Comments and suggestions are solicited and can be sent to Jeff Nico at jefrey.nico@nist.gov.

I. RESULTS OF THE DNP ELECTION: OFFICERS AND EXECUTIVE COMMITTEE FOR 2022

The 2021 election for the 2022 DNP Executive Committee ended on 7 December 2021. The results of the election are: Dean Lee (Vice-Chair); Ramona Vogt (Secretary-Treasurer, 3-year term); Paul Gueye, Huey-Wen Lin, and Christine Nattrass (Executive Committee, 2-year term); Andrea Delgado (Early Career Executive Committee Member, 1-year term); and John Wilkerson (Division Councilor). While Baha Balantekin’s term as Division Councilor has ended, he will remain on the Council as Past Speaker for one more year. The members of the 2022 DNP Executive Committee, who will assume their duties at the close of DNP Business Meeting at the APS April meeting are:

- S. Victoria Greene, Vanderbilt University, Chair (2023)
- Haiyan Gao, Duke University & BNL, Chair-Elect (2023)
- Ramona Vogt, Lawrence Livermore National Laboratory & UC Davis, Secretary-Treasurer (2025)
- John Wilkerson, University of North Carolina, Division Councilor (2025)
- Christine Aidala, University of Michigan (2023)
- Carla Frohlich, North Carolina State University (2023)
- Andrea Delgado, Oak Ridge National Laboratory (2023)
- Alejandro Garcia, University of Washington (2023)
- Paul Gueye, Michigan State University (2024)
- Huey-Wen Lin, Michigan State University (2024)
- Christine Nattrass, University of Tennessee (2024)

Note that the year in parentheses is the year the term ends. All Executive Committee terms start and end in April except for the Division Councilor which covers the calendar year so that John Wilkerson’s term ends on 31 December 2025.

In addition, the bylaws change was overwhelmingly approved by the electorate, making the Diversity, Equity and Inclusion Committee and the Education Committee DNP standing committees.

The DNP thanks all of the members who agreed to stand for election. The DNP depends on volunteers to carry out the business of the Division and the dedication of the Executive Committee makes it possible for the DNP to be a strong advocate for nuclear physics in the APS.

II. CALL FOR DNP COMMITTEE SUGGESTIONS

The terms of some members of the following DNP committees will expire in April 2022: Fellowship, Nominating, Education, and Mentoring. Suggestions from the DNP membership for new members of these committees are welcome. A call to solicit suggestions via web form will be made soon. A list of committee members for 2022-2023 will be published in the August 2022 newsletter.
III. 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 such as seminars, workshop contributions, APS meeting talks, and other conference talks/posters.

IV. NEW APS FELLOWS NOMINATED BY DNP

The following DNP members were elected APS Fellows in 2021. Please join us in offering congratulations.

- Jason Clark, Argonne National Laboratory
- Thomas Hemmick, Stony Brook University
- Takeyasu Ito, Los Alamos National Laboratory
- Yury Litvinov, GSI Helmholtz Center for Heavy-Ion Research
- Claudia Ratti, University of Houston
- Paul Reimer, Argonne National Laboratory
- Artemisia Spyrou, Michigan State University
- Jacobus Verbaarschot, Stony Brook University

The citations are listed on the APS Honors website: https://www.aps.org/programs/honors/fellowships/archive-all.cfm.

The award pin and certificate for the new Fellows will be presented at the DNP Business Meeting at the APS April meeting in New York. The Business Meeting and Town Hall will be held on Sunday, 10 April 2021, following the APS Prize Session.

V. NOMINATIONS FOR APS FELLOWSHIP

The qualifications and procedure for the election of a Member to Fellowship in the APS can be found at https://www.aps.org/programs/honors/fellowships/. Only online nominations are accepted. The total number of members who may be elected to Fellowship in a given year is one half of one percent of the total APS membership.

The deadline for 2022 APS Fellowship nominations through DNP is 1 May 2022. Nomination instructions can be found on the APS Fellowship page https://www.aps.org/programs/honors/fellowships/.

The 2022 DNP Fellowship Committee will be chaired by Sherry Yennello with four other members. This committee reviews the nominations for APS Fellowship in DNP and recommends a slate of candidates, which is forwarded to the APS Committee on Fellowship and then to APS Council for election. Nominations are active for two years.

Candidates for APS Fellowship must be active APS members. The nominee’s sponsor and co-sponsor must also both be current APS members. Nominees for and holders of APS Honors (prizes, awards, and fellowship) and official leadership positions are expected to meet standards of professional conduct and integrity as described in the APS Ethics Guidelines. Violations of these standards may disqualify people from consideration or lead to revocation of honors or removal from office. To that end, nominators must provide an affirmation of the candidate’s professional conduct.

The DNP would like to remind potential nominators that the membership of APS is diverse and global, and the nominees and recipients of APS Honors should reflect that diversity so that all are recognized for their impact on our community. Nominations of members belonging to groups traditionally underrepresented in physics, such as women, LGBT+ scientists, scientists who are Black, Indigenous, and people of color (BIPOC), disabled scientists, scientists from institutions with limited resources, and scientists from outside the United States, are especially encouraged.

All candidates for Fellowship should have a record of excellence in research that has been sustained over several years, and have completed at least one major, original work that has influenced their specialty in a significant way. Sponsors are asked to submit complete nomination packages ahead of the deadline. Incomplete nominations are unlikely to be considered.

Once elected, the list of APS Fellows elected in a given year appears on the APS Home Page in November and is published in the March issue of APS News. The APS Fellow archive from 1921 to present can be found at https://www.aps.org/programs/honors/fellowships/archive-all.cfm. The names of newly elected DNP Fellows are published in the February Newsletter. The Fellowship pin and certificate with the citation are presented at the DNP Business Meeting held during the APS April Meeting.

VI. NOMINATIONS FOR PRIZES AND AWARDS IN NUCLEAR PHYSICS

6.1. 2022 DNP Mentoring Award

The Mentoring 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.

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.

For more information, see the Mentoring Award website. A list of previous winners can also be found on the website.

Nominations should be sent to the DNP Chair, Sherry Yennello (yennello@comp.tamu.edu), before 15 April.
The 2022 theme is “Bring Your Ideas”. Because of the

late number of abstracts submitted, the meeting will end at 17:30 on Tuesday, 12 April. In addition, because there will be sessions until 19:30 on Monday, the DNP Business Meeting will be held on Sunday evening, following the APS Awards Ceremony.

The meeting will be in a hybrid format, in person in New York City with virtual components. Hybrid conferences will be the new normal for APS, even after Covid, to be more inclusive for everyone who wants to participate. For more information, see the meeting website: https://april.aps.org.

All speakers will be asked to upload a video presentation, even if they intend to attend in person, so that the videos can be played on demand outside of the meeting. Speakers who do not attend in person will have their videos played by the session chair during their time slot. Session chairs are expected to attend in person. The registration fees differ depending on whether participants attend in person or remotely.

More than 20 APS units participate in the April meeting, including divisions, topical groups, forums, and committees. The participating divisions include Atomic, Molecular and Optical Physics (DAMOP), Astrophysics (DAP), Computational Physics (DCOMP), Nuclear Physics (DNP), Gravitational Physics (DGRAV),Particles and Fields (DPF), and Physics of Beams (DPB). The topical groups participating in the April meeting are Energy Research and Applications (GERA), Few-Body Systems (GFB), Hadronic Physics (GHP), Medical Physics (GMED), Physics Education Research (GPER), and Precision Measurement and Fundamental Constants (GPMFC). Eight of the nine APS forums participate in the April meeting: Early Career Scientists (FECS), Education (FED), Graduate Student Affairs (FGSA), History of Physics (FHP), International Physics (FIP), Physics and Society (FPS), and Outreach and Engaging the Public (FOEP). Finally, two APS Committees organize invited sessions at the meeting: Minorities in Physics (COM) and Status of Women in Physics (CSWP). Plenary sessions will be held on Saturday, Monday, and Tuesday mornings.

The following deadlines are in effect for the April meeting:

- Early Registration: 28 February 2022
- Regular Registration: 22 March 2022
- Late Registration: after 23 March

VII. APS APRIL MEETING, 9-12 APRIL 2022

The APS April Meeting encapsulates the entire range of physical scales, from “Quarks to the Cosmos (Q2C)”. The 2022 theme is “Bring Your Ideas”. Because of the
7.1. DNP Events at the 2022 April Meeting

The DNP Program Committee, under the direction of Program Committee Chair S. Victoria Greene, has organized a great collection of standalone and joint invited sessions:

- DAP Prize Session (DAP/DNP)
- Dark Matter Searches (DPF/DNP)
- Direct Measurements in Nuclear Astrophysics (DNP)
- DNP Prize Session (DNP)
- Dynamics of Relativistic Fluids (DCOMP/DNP)
- Few Nucleon Aspects of BSM Searches (DNP)
- Frontiers of Few-Body Nuclear Dynamics (GFB/DNP)
- Nucleon Structure at Large x (DNP/GHP)
- Implications of the Isobar Run at RHIC (GHP/DNP)
- Mergers of Neutron Stars: Nuclear Physics from Gravitational Waves (DNP/DGRAV)
- New Results from Neutrino Detectors (DNP)
- ReA Experiments Toward FRIB Science (DNP)
- Thirty Years of Effective Field Theories in Few-Nucleon Physics – A Steven Weinberg Celebration (DNP/GFB)
- Toward Inclusive Excellence in Nuclear Science (DNP)

The DNP award session will include talks by U. van Kolck (2020 Feshbach Prize), D. Hertzog (2022 Bonner Prize), and D. Kaplan (2022 Feshbach Prize). The DAP award session will also include talks of interest for the DNP, M. Prakash (2022 Bethe Prize) and P. Gueye (2022 Bouchet Award).

There are also a number of mini-symposia planned, both standalone and joint with some other units:

- Broadening Participation in Nuclear Science
- Developments in Nuclear Physics for Stellar and Explosive Burning
- Finite Temperature and Transport Phenomena in Neutron Star Mergers
- From QCD Matter to Dynamical Correlations in Heavy-Ion Collisions (GHP/DNP)
- Lattice QCD Inputs for BSM Searches
- Multi-Dimensional Structure of Hadrons (DNP/GHP)
- Neutrino Mass (DNP/DAP/DPF)
- Nuclear Physics for Energy, Medicine and Security
- Strangeness and Hypernuclei
- The Neutron Lifetime Discrepancy
- The Upcoming Experimental Programs at RHIC 23 and LHC Run 3 (DNP/GHP)

VIII. 2022 FALL DNP MEETING IN NEW ORLEANS, LOUISIANA

The Annual Fall Meeting of the Division of Nuclear Physics of the American Physical Society will be held 27-30 October 2022. We are planning an in-person meeting to be held at the Hyatt Regency Hotel, 601 Loyola Avenue, New Orleans, Louisiana, though an option for virtual participation will be provided. In-person participants must abide by Covid pandemic protocols specified by both the conference and the City of New Orleans. Proof of Covid vaccination will be required. More information on current restrictions in New Orleans can be found at https://ready.nola.gov/incident/coronavirus/.

The meeting will begin with topical workshops on Thursday morning, followed by the opening plenary session on Thursday afternoon. A reception will be held starting immediately following the plenary session. Parallel scientific sessions – invited speaker sessions, mini-symposia, and contributed sessions – will be held on Friday and Saturday (both morning and afternoon) as well as on Sunday morning. The CEU poster session and the Physical Review Meet-the-Editors Drop-In reception will be scheduled on Friday, and a special dinner for graduate students is being planned for Friday evening. The banquet will be held on Saturday evening, 29 October. Abstract submission is expected to open in early May with a deadline in late June.

The hotel is located 14 miles from Louis Armstrong International Airport (MSY), whose new terminal opened in 2019 providing direct flights to more than 50 major cities. The hotel is located in New Orleans' Central Business District, a short walk from the French Quarter and numerous restaurants and attractions. New Orleans is a timeless city with a unique way of life. Steeped in European traditions and Caribbean influences, the Big Easy calls curious minds to sweet sounds and savory cuisine fueled by three hundred years of history. New Orleans' famed street cars (as well as ubiquitous taxi and ride-hailing services) provide easy access to explore all New Orleans has to offer. The Local Organizing Committee is Jeff Blackmon (LSU, blackmon@lsu.edu), Catherine Deibel (LSU), Jerry Draayer (LSU), Lev Kaplan (Tulane), Kristina Launey (LSU), Scott Marley (LSU), and Fred Wietfeldt (Tulane). Additional details will be available in the May newsletter and at the conference website, https://www.phys.lsu.edu/dnp2022, as they become available.

IX. CEU REPORT FROM DNP21, SHELLY LESHER

The 2021 CEU program, held in conjunction with the DNP21 Virtual Meeting, was very successful. There were over 100 students participating in the program which included some students who presented oral contributions in either a regular session or the Undergraduate Research session. This year, posters were presented in two sepa-
rate session via the Gather.Town virtual platform. Participants were able to visit the posters and in a format which mimicked an in person gathering. The graduate school information session was also held in the virtual platform. Both events received a positive response.

The goal of the CEU program is to provide a valuable conference experience for undergraduate students, who have conducted research in nuclear science, by providing them an opportunity to present their research to the larger professional community and to one another in the CEU poster session. The CEU program also enables participating students to converse with faculty and senior scientists from graduate institutions about graduate school opportunities. A mentoring program was continued this year, where graduate students and postdocs guided the CEU students through the conference experience. Additional CEU activities included nuclear science seminars presented by John Hardin (MIT) and Ramona Vogt (LLNL/UC Davis) as well as a tutorial about applying to graduate school by Jolie Cizewski (Rutgers) and a graduate school information session.

The CEU program was sponsored by the National Science Foundation, the Department of Energy (via national labs), and the Division of Nuclear Physics.

X. NEWS FROM PHYSICAL REVIEW C, CHRIS WESSELBORG

Ben Gibson stepped down as Lead Editor of Physical Review C after serving in that role for nearly 20 years. Joe Kapusta (University of Minnesota) was appointed the new Lead Editor by APS Editor in Chief, Michael Thoennessen, beginning January 1, 2022. On behalf of the nuclear physics community, the Physical Review C editors thank Ben for his wisdom and leadership of the journal for so many years.

Maria Colonna (Lab. Nazionale del Sud, Catania) succeeded A. Baha Balantekin (University of Wisconsin, Madison) as Associate Editor. Charles Gale (McGill University) replaced Joe Kapusta as Associate Editor.

Five new Physical Review C Editorial Board members were appointed to 3-year terms beginning January 1, 2022, by the APS Editor in Chief: Stephane Goriely (Univ. Libre de Bruxelles) Kouichi Hagino (Kyoto University) Roy A. Lacey (SUNY Stony Brook) Scott Pratt (Michigan State University) Ingo Wiedenhöver (Florida State University)

On behalf of the nuclear physics community, the Physical Review C editors thank the departing Editorial Board members for their service: Peter Jacobs, Andrea Jungclaus, Larry McLerran, Luis M. Robledo, and Jan Dirk Ryckebusch.

XI. FUTURE MEETINGS

11.1. DNP Fall Meetings

The dates and locations for the future DNP Fall Meetings are given below. The meeting will be in New Orleans in 2022 with the Hawaii meeting in 2023. Because the 2021 meeting was virtual, the 2024 meeting will be in Boston.

2023 TBD Hawaii, joint with JPS
2024 6-10 October Boston, MA

The dates include the pre-meeting workshops, which are normally held in conjunction with the DNP Fall Meetings. These workshops, organized by the local organizing committee, have been a tradition at the DNP Fall Meetings since they began with the 1986 Vancouver meeting. All meeting attendees are welcome and encouraged to come. It has been the intention of the DNP Executive Committee 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 important to the local community.

11.2. APS Spring Meetings

The preliminary date for the next April meeting is given below. The DNP prepares a program for these spring meetings as well, with invited sessions often organized jointly with other units. The meeting is an excellent opportunity to learn about new research and discoveries made by other units. The plenary session has often included Nobel laureates in physics. The DNP program committee also prepares mini-symposia for these meetings. The DNP prize sessions include talks by the Bethe, Bonner and Feshbach Prize winners. The DNP also holds a combined business meeting and town hall during the April meeting, with introduction of the new DNP Fellows and change of unit officers.

2023 15-18 April Minneapolis, MN

Any comments/suggestions regarding the April meeting should be sent to APS Director of Meetings, Hunter Clemens (clemens@aps.org).

XII. OTHER FORTHCOMING MEETINGS

Meeting organizers who wish to have their meetings advertised in the DNP newsletter should contact the DNP Secretary-Treasurer.