

# THE CAPITAL CHEMIST

A Publication of the Chemical Society of Washington Section of the American Chemical Society

## Webinar: NSF Funding During the COVID-19 Pandemic - May 21, 12-1p (ET)

Join us by webinar for the May 2020 Chemical Society of Washington (CSW) meeting.

### Webinar Logistics

**Date:** May 21, 2020, noon – 1:00pm (ET)

**Registration Link:** <https://american-chemical-society.zoom.com/join/zoom-join/9JmE9pFeQSOwNszTFRA4QspcK>

There is no charge to participate but registration is required.

### Speaker Bio:

Emanuel Waddell joined the University of Alabama in Huntsville Department of Chemistry in the Fall of 2004, where he is a member of the Biotechnology and Materials Science Faculty. He is a graduate of Morehouse College (I.B.S., Chemistry, Physics) and Louisiana State University (Ph.D., Analytical Chemistry). His research at LSU was in the area of near infrared time-resolved fluorescence. Following the receipt of his doctorate, Dr. Waddell completed a National Research Council Post-Doctoral Fellowship at the National Institute of Standards and Technology in Gaithersburg, MD where he became interested in the laser ablation of polymer substrates and its application in microfluidic (lab-on-a-chip) devices. Emanuel was tenured and promoted to Associate Professor in 2010. From 2010 to 2019, Dr. Waddell served as the campus coordinator for the Louis Stokes Alliance for Minority Participation on the UAH Campus. In 2015, Dr. Waddell was appointed as Associate Dean for the College of Science at UAH. From 2017 to 2019, Emanuel served as the national president for the National Society for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE). Emanuel joined the National Science Foundation by the Intergovernmental Personnel Act in July 2019, where he is a Program Officer with the HBCU-UP, CREST and HSI programs.

### Abstract:

The National Science Foundation (NSF) is comprised of seven directorates supported by four offices with direction received from the National Science Board (NSB). This discussion will provide a brief overview of the work that takes place in the Division of Human Resource Development (HRD) in the Directorate for Education and Human Resources (EHR). The impact of the HRD funded projects on STEM, education and workforce development will be discussed.

### Volume 70, Number 5

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### Inside this issue:

- Join us virtually for the next CSW meeting
- Nominate a member for the board
- Nominate a member for an award

*Note: Several events have been cancelled or postponed due to COVID-19. Please check [capitalchemist.org](http://capitalchemist.org) for the most up-to-date information.*



*Emanuel Waddell, Department of Chemistry University of Alabama in Huntsville; National Science Foundation, Directorate for Education and Human Resources, Division of Human Resource Development*

# Student Travel Award Deadline June 1

The Chemical Society of Washington offers a travel award to defray travel and/or registration costs to National ACS meetings. Due to the COVID-19 pandemic, things are subject to change. We will keep people updated on the status of the Awards and the ACS Meeting as things evolve.

This award is open to current graduate and undergraduate students in the jurisdiction of the Chemical Society of Washington. The award is not intended for post-doctoral fellows. Awards of \$1,000 each, will be given to qualifying applicants based on the review of the following materials:

1. A cover letter stating how and why attending this ACS meeting will promote your career.
2. The applicant's CV.
3. A letter of recommendation from the student's mentor explaining why the student deserves the award and how this will help their professional development.
4. Proof of an accepted abstract for the Fall ACS Meeting.

**Submit the above materials (preferably all in one PDF document) to [csw@acs.org](mailto:csw@acs.org) no later than 11:59 p.m. Monday, June 1, 2020.**

After returning from the conference, awardees will be asked to present their posters at one of the upcoming CSW dinner meetings.

**Contact Information:**

Email: [csw@acs.org](mailto:csw@acs.org)

## Call for Nominations for CSW Officers/Councilors / Managers

The annual election of Officers, Councilors, and Managers of the Chemical Society of Washington will be held in November 2020 in accordance with the Bylaws and Standing Rules of the Section. All CSW Members are invited and encouraged to submit nominations for the open positions. Self-nomination is acceptable. Elected members have general charge of the business and affairs of the CSW. Managers and Alternate Councilors serve on the Board of Managers and are expected to serve on at least one of the CSW committees. Councilors also serve on the Board of Managers and along with serving on CSW Committees they are expected to serve on ACS Committees and attend the Councilors Meetings held during the ACS National Meetings.

Nominations should be submitted to the CSW Office no later than June 20, 2020. Nominations can either be mailed to the CSW office or by e-mail to the CSW administrator with the subject line of "CSW Nomination." All CSW members are eligible for nomination, and CSW welcomes all who are willing to participate, including those who have not previously held positions in CSW. Incumbents are eligible for nomination to the same position (if the term expires) or any other position as Officer, Councilor, or Manager. Please note that all candidates will be provided with a form to fill out to prepare the ballot for publication in the Capital Chemist, on the CSW website and in the materials to be sent out.

Nomination Form: [https://capitalchemist.org/wp-content/uploads/2020/04/Nomination-Form\\_2021\\_term-fillable.pdf](https://capitalchemist.org/wp-content/uploads/2020/04/Nomination-Form_2021_term-fillable.pdf)

The following positions are open for election this year:

- 3 Councilors and 3 Alternate Councilors serving three-year terms
- Treasurer (serving a two-year term)
- President-Elect (one year as President-Elect, one year as President, one year as Past-President)
- 6 Managers (serving two-year terms)

Current Officers:

President: Darryl Boyd; President-elect: Jennifer Tanir; Past President: Christopher W. Avery; Secretary: William Hickling; Treasurer: Wesley Farrell

Councilors:

Through 2020: John Malin; Sara Orski; Judith Faye Rubinson  
Through 2021: Allison A. Aldridge; Kim Morehouse; Bradley A. Scates  
Through 2022: Darryl Boyd; LaKeshia N. Perry; Nevart Tahmazian

Alternate Councilors:

Through 2020: Novella N. Bridges; Monika I. Konaklieva; N. Bhushan Mandava  
Through 2021: Daron Freedberg; Richard Goodman; Matthew A. Windsor  
Through 2022: Joseph Antonucci; Christopher Avery; Jason Schaff

Managers:

Through 2020: Joseph Duran; India James; Corina McClure; Bree Taylor; Emerald Wilson; Alexander G. Zestos  
Through 2021: Regina Cody; Kristy Crews; Leila Duman; Felicia Fullilove; Xiaoyong Lu; Joan Walker

## Call for Nominations for the 2020 William F. Hillebrand Prize

Nominations are being accepted for the **2020 Hillebrand Prize Award**. The deadline to submit a nomination is November 15, 2020.

Nominations are invited for the 2020 Hillebrand Prize, awarded annually for original contributions to the science of chemistry by a member or members of the Chemical Society of Washington (CSW), the local section of the American Chemical Society. The Hillebrand Prize is the most prestigious honor given each year by CSW and is recognized nationally as a mark of significant accomplishment in chemistry. The Hillebrand Prize originated in 1924 and is named for Dr. William F. Hillebrand (1853- 1925), an internationally-recognized pioneer in analytical chemistry and one of Washington's most distinguished early chemists.

The prize carries an honorarium of \$2000. Many previous Hillebrand Prize recipients have won numerous other national and international awards, including three who have received the Nobel Prize. See the list of award winners: <https://capitalchemist.org/2018/06/hillebrand-prize-recipients-by-year/>.

The nominating package should contain the following:

### **Nominating Letter – limited to 1000 words**

The letter should focus on the chemical accomplishments of the nominee, rather than the bio of the nominee, from a broad standpoint, leaving the finer points to those submitting seconding letters. Biographic details (degrees, positions held, major activities etc.) will be given in the nominee's CV. The letter should begin with the major theme(s) in the nominee's research career with perhaps a summary of how these evolved over the years to create breakthroughs or push the field in a new or very productive direction.

Describing the nominee's major contribution(s) is extremely important and should be the bulk of the letter.

There is no preference or restriction for the specific area of contribution so long as it represents a significant accomplishment in chemistry. Anything is fair game; synthetic or analytical, experimental or theoretical, bio- or inorganic, etc. This section might detail such things as: the major techniques used in their research and how these were applied to a specific area to bring about significant results not previously achievable; if their research resulted in the development of a new experimental/instrumental technique or use of an existing technique in an innovative new way; how techniques the nominee developed became standard in that area;

the impact the nominee's work had on influencing other areas of research; development of new reagents, catalysts or reaction conditions; development of a new computational method or theoretical approach; etc. The nominator should provide evidence in support of these statements. This could include information about: the number of citations, impact factors of certain articles (or aggregate numbers), especially influential articles/book chapters, important invited talks, previous awards by other societies, patents, funding, important leadership positions, etc. Mentioning an extremely productive collaboration is possible so long as the role/contributions of the nominee are clear. The award is not given for mentoring students (as a specific criteria) but nominators often mention if this has occurred, especially if these students have gone on to significant posts on their own.

#### **Two Seconding Letters – limited to 500 words each**

It is helpful if these be from established experts in the nominee's field, and best if they are from experts at institutions other than the nominee's unless a notable expert in the nominee's area is also from the nominee's institution.

#### **Curriculum Vitae – the candidate must be a member of CSW**

The CV should strongly emphasize individual academic backgrounds, appointments, publications, presentations, and patents.

#### **List of Publications**

This is critical in determining the specific scientific contribution of the nominee or team.

#### **Proposed Citation – limited to 25 words**

This is a brief statement that should be understood by chemists in almost any area. It should avoid highly specialized language but still give the reader the area of accomplishment and why this is a significant accomplishment in chemistry. In some ways it is a one or two sentence abstract of the first paragraph of the nominating letter. Since this is only 25 words, you may simply want to provide 1 or 2 examples of previous awardees.

We strongly recommend that the nominator collect all materials and forward in one email, preferably as PDF files(s), to [csw@acs.org](mailto:csw@acs.org). Nominations will be active for three years.

If you would like to verify the eligibility of an individual as a nominee or nominator, please contact the CSW Administrator at [csw@acs.org](mailto:csw@acs.org). All materials must be received by November 15, 2020. The awardee will be announced before the end of the year, and the Prize will be presented at the CSW dinner meeting in March 2021.

If you have any questions about the award or the procedure for nominating someone for the award, please contact our office – [csw@acs.org](mailto:csw@acs.org) or 202.659.2650 (voicemail only).

## **Call for Nominations for the 2020 Charles L. Gordon Award**

Named after Charles Gordon for his years of service as managing editor of the *Capital Chemist*, the Charles L. Gordon Memorial Award is given in recognition of exemplary service by a CSW member to the profession of chemistry, to the science of chemistry, and/or to the Chemical Society of Washington. Nominations are invited for this award, consisting of a plaque that will be presented at the March 2021 CSW dinner meeting. A written nomination should include a description of the accomplishments on which the nomination is based. Additional documentation that includes seconding letters and the nominee's CV are welcome.

Completed nominations for the Charles L. Gordon Award are due on or before November 15, 2020. The nomination should be submitted electronically to [csw@acs.org](mailto:csw@acs.org). Please contact the Chair of the Awards Committee, Bradley Scates ([bascates@gmail.com](mailto:bascates@gmail.com)), if you have any questions.

# Call for Nominations for the 2020 Leo Schubert Memorial Award

The Chemical Society of Washington (CSW) is pleased to announce the call for nominations for the Leo Schubert Memorial Award to recognize an outstanding teacher of high school chemistry in the Washington, D.C. area. The award was established in 1979 to honor Dr. Leo Schubert, a chemistry professor at American University who devoted much of his career to developing programs for high school teachers and students. The Schubert award consists of a \$500 honorarium and a certificate, which will be presented at the March 2021 CSW dinner meeting.

Nominations for the award must be comprehensive in describing the nominee's accomplishments in areas such as innovation in teaching, writing curricula, outside teaching, papers published, involvement in science fairs, and postgraduate study. The application may also include supporting letters, as well as any supporting documents that concisely illuminate the nominee's accomplishments.

To be eligible for the CSW Schubert award, the nominee must currently teach chemistry at a secondary school in the geographic region of the Chemical Society of Washington, which includes metropolitan Washington, D.C. and the neighboring counties in Maryland (Montgomery, Prince George's, Charles, Calvert and St. Mary's Counties) and Virginia (Arlington, Fairfax and Loudoun Counties). The region of CSW also includes six counties on the Eastern Shore of Maryland: Caroline, Talbot, Dorchester, Wicomico, Worcester, and Somerset.

Nomination form: [https://capitalchemist.org/wp-content/uploads/2020/04/Schubert\\_nomination\\_form.pdf](https://capitalchemist.org/wp-content/uploads/2020/04/Schubert_nomination_form.pdf)

Alternatively, a pdf version of the nomination form can be obtained by an email request to [csw@acs.org](mailto:csw@acs.org). Completed nomination forms can be sent directly to [csw@acs.org](mailto:csw@acs.org). All nominations must be submitted by November 15, 2020. Please contact the Chair of the Awards Committee, Bradley Scates ([bascates@gmail.com](mailto:bascates@gmail.com)), if you have any questions.

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The **Chemical Society of Washington (CSW)** is the local ACS Chapter for the Washington, DC area and serves approximately 4,000 members.

### **2020 Officers**

#### **President**

Darryl A. Boyd

#### **President-elect**

Jennifer Tanir

#### **Past President**

Christopher W. Avery

#### **Secretary**

William Hickling

#### **Treasurer**

Wesley Farrell

Connect with us on Facebook at  
[www.facebook.com/ACSCSW](http://www.facebook.com/ACSCSW).

## CSW Calendar of Events

May 18: Board of Managers Meeting (Virtual)

May 21: CSW Meeting (Webinar)

June 1: Student Travel Award Deadline

June 12: MARM (CANCELED)

June 20: CSW Nominations Deadline