

Women Chemists Committee

Mr. President-Elect and Council Colleagues:

One of the goals of the Women Chemists Committee, WCC, is recognizing & highlighting the accomplishments of women chemists. We would like to thank all of you who nominated women chemists for ACS national technical awards in the last award cycle. This year was a banner year, with 26 women receiving awards, and 5 awarded to a woman for the first time. Eight of these awards have not yet had a female recipient, and the names of those awards are featured on my slide. While some of these awards are newer, there are some that are very established. The WCC will continue to encourage **everyone here** to nominate a woman chemist or a chemist of color for these prestigious awards this cycle. (Next **slide** please.)

On Sunday, August 16th, WCC and Merck hosted a symposium recognizing the eight winners of the WCC Merck Research Award. Thank you to Merck for supporting women chemists and congratulations to these talented researchers. (Next **slide** please.)

On Monday, August 17th, the WCC collaborated with the Division of Professional Relations' (PROF) subcommittee on Women Chemists in hosting a Networking session within the ACS virtual meeting platform. Thanks PROF!

Yesterday, the WCC also collaborated with the Committee on Minority Affairs, (CMA) and PROF on the Broadcast Session in line with the conference theme entitled, "Diversity, Equity, and Inclusion in Bench to Marketplace Chemistry". You can see the flier for that session here. (Last **slide** please)

Did you know that only 18.5% of English language biographies within Wikipedia are for women? WCC partnered with CMA in hosting a Wikipedia Edit-a-Thon on Sunday August 16th. The goal of this workshop was to address the underrepresentation of female identifying and black scientists among Wikipedia biographies. The statistics for our 3-hour workshop are shown on the slide, and over 23,000 words and over 200 references were added.

Finally, WCC will continue to collaborate and work with other ACS units who are looking internally at what each of us can do to eliminate systemic racism within the society. Every ACS member is entitled to an inclusive environment, and our Society and the chemical enterprise benefits enormously from including all its members. Black Lives

Matter and Black Chemists Matter. WCC discussed our own ideas on this topic during our Executive session, but we would also love to hear more from you. Please share with us your thoughts via email on what WCC can do to eliminate systemic racism.

Mr. President-Elect and Council colleagues, this concludes my report.

Kimberly Woznack, Chair

American Chemical Society



Report from the Women Chemists Committee

Kimberly Woznack

ACS Technical Awards (2020 cycle):

26 awards recognized women!

5 awards recognizing a woman for the first time in that award's history!

National Awards Never Won by Woman Through 2020

ACS Award in Separations Science and Technology (1984-2019, 36 years)

Ernest Guenther Award in the Chemistry of Natural Products (1949-2019, 71 years)

Frederic Stanley Kipping Award in Silicon Chemistry (1962-2019, 58 years)

George and Christine Sosnovsky Award for Cancer Research (2012-2019, 8 years)

Herbert C. Brown Award for Creative Research in Syn Methods (1998-2019, 22 years)

Joseph Michl ACS Award in Photochemistry (2016-2019), 4 years)

Kathryn C. Hach Award for Entrepreneurial Success (2014-2019, 6 years)

Roger Adams Award in Organic Chemistry (1959-2019, 61 years)



American Chemical Society National Meeting – Virtual Meeting



2020 WCC MERCK RESEARCH AWARDS SYMPOSIUM



ACS
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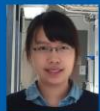
SUNDAY, AUGUST 16, 2020 • 8:25 am – 12:05 pm (PDT) / 11:25 am – 3:05 pm (EDT)

To attend and receive the link, please send your name, email and affiliation to: strongdespina@gmail.com

Ann Weber, Despina Strong, *Presiding*



MEGHAN BAKER



YUJING ZHOU



QIAO LIN



MCKENNA GOETZ



SHUWEN YUE



JAMIE MCCABE DUNN



REBECCA RODRIGUEZ



REBECCA L. PINALS



SUSAN KNOX

8:25 am **Introductory Remarks**

8:30 am **Synthesis, mechanism, and biology in (–)-bilobalide chemical space**

Meghan Baker, R. Demoret, M. Ohtawa, R.A. Shenvi

8:50 am **Advancing CuH-Catalyzed Olefin Functionalization in Asymmetric Transformations**

Yujing Zhou, J. S. Bandar, R. Y. Liu, A. Link, S. L. Buchwald

9:10 am **Mechanism of Ni-catalyzed deductive 1,2-dicarbofunctionalization of alkenes**

Qiao Lin, T. Diao

9:30 am **Isolation, characterization, and reactivity of a terminal Co(III)-oxo complex**

McKenna Goetz, E. Hill, J. Boyn, J. Xie, A. Filatov, D.A. Mazziotti, J.S. Anderson

9:50 am **Designing machine learning models of water and aqueous electrolyte solutions**

Shuwen Yue, M. Muniz, M.C. Andrade, L. Zhang, R. Car, A. Panagiotopoulos

10:10 am **Intermission**

10:20 am **Life @ Merck in small molecule process research and development**

Jamie McCabe Dunn

11:00 am **Optimizing linear polymer affinity agents for SERS detection of aflatoxin B1**

Rebecca Rodriguez, V.M. Sziag, T.M. Reineke, C.L. Haynes

11:20 am **Elucidating the composition and dynamics of spontaneous protein adsorption on nanoparticles in biofluids**

Rebecca L. Pinals, D. Yang, D. Rosenberg, T. Chaudhary, A.R. Crothers, A.T. Iavarone, M. Hammel, M. Landry

11:40 am **Delivery of a therapeutic enzyme using a cell-permeant miniature protein**

Susan Knox, S. Piszkwicz, R.F. Wissner, A. Schepartz

12:00 pm **Concluding Remarks**



Merck is acknowledged for its support of the WCC Merck Research Awards program

WCC Chair:

Kim Wozniak
California University of Pennsylvania

WCC Program Chairs:

Renée Cole
University of Iowa

Visit www.acswcc.org for more information about the Women Chemists Committee





MEETINGS & EVENTS

Diversity, Equity, and Inclusion in Bench to Marketplace Chemistry



Amani Alhalwani, PhD

Developing an effective analytical method to quantify a nitrosative stress biomarker
on demand



Bahar G. Basim, PhD

Nanotechnology in manufacturing through a 4-dimensional transformation



Kirby B. Drake, JD

Gender gap in the patent/innovation process: Recent studies and tools to address



Carlyn Burton, JD

Addressing the gap in gender diversity in innovation



Natalie LaFranzo, PhD

Cultivating a culture of inclusion in small biotech



Tuesday August 18th 1-3 pm PST
Symposium co-sponsored by WCC, MPPG, CMA, and PROF

**AMERICAN
CHEMICAL
SOCIETY**

FALL 2020 VIRTUAL
MEETING & EXPO

ACS Fall 2020 Virtual Meeting and Expo: Moving Chemistry From Bench to Market August 17-20

Wikipedia Edit-a-Thon Statistics



8

Articles Created

64

Articles Edited

280

Total Edits

49

Editors

23.7K

Words Added

236ⁱ

References Added

718

Article Views

1ⁱ

Commons Uploads

Eliminating Systemic Racism

Send us your questions, concerns, and comments:
wcc@acs.org

