



Division of Chemical Toxicology
ACS Fall 2020 Virtual Meeting
Business Meeting
Monday, 17th August 2020

Greetings from the Chair



Shana J. Sturla

BS Chemistry, UC Berkeley
PhD Chemistry, MIT
PostDoc Chem Tox, UMN



Professor of Toxicology

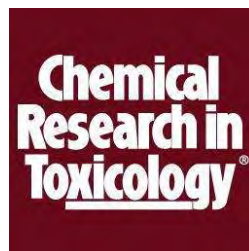
ETH Zurich

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Editor-In-Chief

Chemical Research in Toxicology

ETH zürich



@ProfessorShana
@Toxicology_ETH
@ChemResTox

Annual ACS Administrative Report 2019

- 2019 Elections: All Offices Filled – Welcome to 2020 officers!



Secretary

Jan 1 2020 – Dec 31, 2021

Linlin Zhao

University of California, Riverside



EC member at large

Jan 1 2020 – Dec 31, 2022

Erin Prestwich

University of Toledo



Treasurer

Jan 1 2020 – Dec 31, 2021

Zucaï Suo

Florida State University



Councilor

Jan 1 2020 – Dec 31, 2022

Sarah Shuck

City of Hope



Treasurer-Elect

Jan 1 2020 – Dec 31, 2021

John Termini

City of Hope



Councilor

Jan 1 2020 – Dec 31, 2022

Ujjal Sarkar

AstraZeneca



Nominations

Jan 1 2020 – Dec 31, 2022

Lisa A. Peterson

City of Hope



Thank you to officers who will complete terms at the end of this year

Past Chair

Jan 1st 2019-Dec 31st 2020

Nicholas Geacintov



EC Member at Large

Jan 1st 2019-Dec 31st 2020

Kaushik Mitra



Nominations

Jan 1st 2018-Dec 31st 2020

Yinsheng Wang



Councilor

Jan 1st 2015-Dec 31st 2020

Penny Beuning



Alt. Councilor

Jan 1st 2018-Dec 31st 2020

Irina Stepanov



Appointed Committee Activities

- Program and Program Development Committee – Penny Beuning, Chair, and Michael Trakselis, Chair Select
- Publicity, Communications, Newsletter, Website, Membership – Tom Spratt, Silvia Balbo
- Finance and Development – Natalia Tretyakova
- Awards – Kent Gates



2020 Newsletters

Dec 2020: Announce Election Results

Sept/Oct 2020: Post-Meeting and Elections

July 2020 Newsletter

Message from Chair TOXI Program Career Panel Call for Graduate Students and Postdocs to write Perspectives and Synopses of the 2020 ACS Virtual TOXI Session Toxi member Message from Chair I hope you are all hanging in there. I regret [...]

[Read more](#)

TOXI 2020 ACS Program

There are two types of presentations, On-Demand and Live. The On-Demand presentations are available at any time, while you must be on line at the correct time (Pacific Daylight Time) to participate in the Live Events Posters On-Demand. Yang Jiang [...]

[Read more](#)

June 2020 Newsletter

June 2020 Newsletter Message from Chair Keynote Lecture: Cindy Burrows Founders' Award: Peter Dedon Chemical Research in Toxicology Young Investigator: Elijah Peterson TOXI Twitter-Sphere Nominations for TOXI Executive Committee TOXI National ACS Meeting Program TOXI Future National ACS meeting program [...]

[Read more](#)

April 2020 Newsletter

April 2020 Newsletter Message from Chair Call for Abstracts Founders' Award TOXI National ACS Meeting Program Travel Awards for Students and Post-Docs TOXI Future National ACS meeting program Chemical Research in Toxicology, Young Investigator Award Message from Chair I hope [...]

[Read more](#)

February 2020 Newsletter

February 2020 Newsletter Message from Chair TOXI National ACS Meeting Program Call for Abstracts Travel Awards for Students and Post-Docs TOXI Future National ACS meeting program New Officers on the Executive committee of the Division of Chemical Toxicology Call for [...]

[Read more](#)

Communications Committee

Combination of Communications, publicity, and membership

Chair: **Thomas Spratt**

Membership Chair. **Silvia Balbo**

Publicity

Twitter and Facebook campaigns underway. **Maureen**

McKeague and **Sarah Shuck; Deyu Li** and **Erin Prestwich**



Young investigators are invited to join the communications committee!

Please contact Prof. Tom Spratt, Penn State with expressions of interest tes13@psu.edu

Follow TOXI on your favorite platform!



Thank you to new committee chairs stepping up in 2021

- Finance and Development – Rob Turesky
- Awards – Steve Hecht
- Publicity, Communications, Website, Membership – Tom Spratt
- Newsletter– Lin Zhao





Professor Penny Beuning!



2020 ACS Fellow

TOXI Program Chair
TOXI Councilor

Northeastern University

College of Science

DNA DAMAGE TOLERANCE AND PROTEIN ENGINEERING

TREASURER'S REPORT

Zucaï Suo

TOXI Account Balance

01-01-2005	\$ 79,901
01-01-2006	\$ 57,540
01-01-2007	\$ 65,885
01-01-2008	\$ 32,918
01-01-2009	\$ 80,969
12-08-2010	\$ 111,729
12-23-2011	\$ 122,829
08-17-2012	\$ 138,563
09-05-2013	\$ 138,651
08-08-2014	\$ 133,116
06-30-2015	\$ 121,400
08-18-2016	\$ 109,147
08-15-2017	\$ 97,583
08-31-2018	\$ 94,689
08-15-2019	\$ 104,219
08-01-2020	\$ 109,213

Checking:	\$ 32,361
Savings:	\$ 25,463
CD	\$ 51,389

Income from American Chemical Society

	2014	2015	2016	2017	2018	2019	2020
Feb Dues Allotment	5,874	5,891	5,685	5,138	5,352	4,849	6,155
August Due Allotment	4,527	4,000	4,123	3,911	4,681	6,382	5,000 (est)
Division Allotment	16,416	16,041	15,965	13,723	14,097	18,420	19,000 (est)
Miscellaneous	1,146	2,800	7,947	2,220	692	5	20 (to date)
Total ACS	27,963	28,732	33,720	24,992	24,822	29,656	30,175 (est)
Interest	44	92	77	50	43	40	45 (est)
ACS Short Courses	3,000	800	0	0	0	0	0
Co-sponsorship	0	5,000	3,000	0	0	0	0
Royalty	0	40	0	0	0	0	0
Innovative Project Grants	0	0	10,320	0	0	0	0

Corporate Donations

2010	\$22,000
2011	\$8,500
2012	\$2,000
2013	\$4,000
2014	\$7,000
2015	\$5,000
2016	\$2,000
2017	\$2,500
2018	none
2019*	none
2020	\$15,000

2014 Benefactors

Bristol-Myers Squibb (\$2000)
Thermo (\$5000)

2015 Benefactors

Bristol-Myers Squibb (\$2000)
Roche (\$2000)
Illumina (\$1000)

2016 Benefactors

Bristol-Myers Squibb (\$2000)

2017 Benefactors

Thermo-Fisher (2,500)

2019 Benefactors

Fred Beland (\$5000)

2020 Benefactors

Thermo-Fisher (5,000)
Bristol-Myers Squibb (\$5,000)
Fred Beland (\$5,000)

NIEHS R13 Grants

	2014	2015	2016	2017	2018	2019	2020
Cover ACS National Meeting Expenses	8,000	8,000	8,000	8,000	None	8,000	8,000

Penny Beuning has applied to FDA for support:
Pending approval, anticipate 18K/year for 5 years

ACS Meeting Expenses

	2014	2015	2016	2017	2018	2019	2020 (est)
ACS National Meeting Expenses	51,719	52,115	58,884	38,508	16,800	19,965	12,000

Administrative and Miscellaneous Expenses

	2014	2015	2016	2017	2018	2019	(est) 2020
Travel, Councilor's Travel, Office Supplies, Website, Newsletter, Award Plaques	10,423	8,820	8,311	9,000	8,000	3,251	3,000

Summary

- TOXI provides a supportive and visible professional network for scientists in Chemical Toxicology and related areas across all domains (ie industry, academia, government, etc)
- TOXI finances Online resources and the Annual National Meeting Program
 - student and postdoc travel awards
 - student and postdoc presentation awards
 - young investigator networking and professional development events
 - Promote participation of under-represented individuals
- TOXI has raised 15K from industry and a private donor and obtained a \$8k grant from NIEHS
- TOXI's Account Balance has started to increase since 2019.
- TOXI Finance and Development activities have been reinvigorated, more work to do.

Contact Rob Turesky to volunteer support for the Fundraising Committee or contribute any ideas and suggestions!

ACS Membership Update – Linlin Zhao
Division of Chemical Toxicology

	Member Category							
	Emeritus Regular	Retired	Regular	Regular Student	Society Affiliated	Student members- Undergrad	All	Ratio Students/All
Jun 2020	12	9	699	217	39	419	1,398	45%
Jan 2020	15	8	695	224	35	435	1,414	46%
Jul 2019	16	10	662	195	23	356	1,262	44%
Jun 2019	16	9	636	194	21	351	1,227	44%
May 2019	16	8	626	203	18	252	1,123	41%
Jan 2019	14	10	623	206	21	311	1,185	44%
Dec 2018	13	8	637	205	20	301	1,184	43%
Jul 2018	15	9	626	199	19	257	1,125	41%
Dec 2017	17	10	621	220	19	280	1,167	43%

Nominations Committee Report

Candidates for Upcoming TOXI Election

- **Chair-Elect: Thomas Spratt and Michael Stone**
- **Member-at-large: Ian Blair and M. Matilde Marques**
- **Nominations committee Trevor Penning and Nicholas Meanwell**
- **Councilor/Alternative Councilor: Penny Beuning, Clementina Mesaros and Zucai Suo**

all agreed to serve if elected.

Floor is open for additional nominations, including self-nominations

Program Chair report, Penny Beuning

- 2020 virtual
 - **Keynote address:** Cynthia Burrows, University of Utah
 - **Chemical Research in Toxicology Young Investigator Award:** Elijah Petersen, NIST
 - **Founders Award :** Pete Dedon, MIT
 - **Genome-wide Perspectives on the Formation, Repair, and Consequences of DNA Damage** Sabrina Huber and Maureen McKeague
 - **Toxicology of Antibody-Drug Conjugates** Sanjeev Gangwar and Michael Trakselis
 - **Chemical Exposures and Impact on Health** Rob Turesky and Sarah Shuck
 - **Metabolism of Fluorinated Compounds and Safety Relevance** Nicholas Meanwell and Fred Guengerich
 - **Student and Postdoctoral Scholar Symposium**
 - **Topics**
- 2021 Resilience of Chemistry, Atlanta
 - **Keynote:** Patrick Breysse, CDC
 - **Thinking Outside the Well: Novel assays in drug discovery and development**, Mike Walters and Donna Huryn, co-sponsored with MEDI (confirmed)
 - **CRISPR Safety** (co-sponsor with AGFD, and possibly MEDI, CHAS), Zucui Suo (confirmed)
 - **Society of Toxicology meeting highlights** Shana
 - **(Reprise of) Antibody-Drug Conjugate** session
 - Microbe-Drug interactions/Drug metabolism/ Microbiome metabolism driven toxicity (likely for 2021 or 2022)
 - **Two award symposia, Student and Postdoctoral Scholar Symposium, Topics**
 - Do we want to reserve 1-2 speaking slots in thematic sessions for talks selected from abstracts?
- NIH NIEHS funding awarded for 2020 (\$8K, registration fees only for virtual meeting)
- FDA funding 2021-2025 (\$18K/year) (email offer from program officer to start grant in 2021)
- Thanks to Michael Trakselis, Chair-select extraordinaire and both program committees
 - Organized student/postdoc session summaries and awardee interviews this year
- Need to identify next Program Chair-select and rotate some cmte members

Topics under consideration for future years by the program committees:

- Safety of Biologic Drugs
- Structural Alerts during Drug Development
- Mechanistic Toxicology of Human Insults
- Nanomedicine Human Uptake and Consequences
- Nanoparticle Fate and Transformations
- Acutely Toxic Environmental Contaminants
- Biotransformations and Toxicity in Aquatic Species
- Opioids Safety and Toxicology
- Diet, Nutrition, and Long-term Health
- Biomarkers of Human Health
- Atmospheric Particulates and VOCs
- Contributing to Climate Change
- Coming Nicotine Regulations, E-Cigarette Toxicology
- Chemotherapeutic Toxicology and Emerging Resistance
- Toxicology of Metals and Metalloids
- Toxins and Genes Linking DNA Repair with Infertility

Please Contact Prof Penny Beuning and Prof Michael Trakselis with session proposals!

Thank You!

- Enjoy the meeting
- Please join networking sessions each day.
- Career Panel Tomorrow
- Wishing all good health and a positive experience, we hope it will be in person next year

My very best to Natalia Tretyakova,
2021-2022 Chair!



Additional Meeting Notes

- 23 Attendees participated in the Business meeting, which lasted 55 minutes.
- Communications
 - The newsletters and timing is 'perfect'
 - Twitter team needs to know twitter handles for members. Many members are not on twitter and are encouraged to create, if not a personal twitter, one for the lab. Plan is to send instructions in newsletter and follow up with question on member survey.
- Non-conventional fundraising strategies
 - Journals (Shana Sturla indicates CRT currently provides funding via Young Investigator Award program/Session, Rob Turesky suggests to approach other journals)
 - ACS symposium booklets (annual division book on a different topic. Trevor Penning suggests contact via ACS publications committee. Natalia Tretyakova has just contributed to the MEDI book and will get more information. Books criticized for being slow to come up/people do not read.)
- Other activities the division should pursue
 - Students writing session summaries – this is being done this year via ToxWatch in Chem Res Toxicol. Program organized by Michael Trakselis—this is great, we should do more.
 - Online presence at the Spring Meeting suggested by Cindy Burrows
 - Grover Miller has several suggestions around annual multi-author article summarizing advances in the past year. The above idea, but more multimedia summary of advances in toxicology ie as yearly update. Mentoring program that makes people work together and helps young members visualize what they can do with a future in the field. Shana suggests this could be a great mechanism to promote and support the advancement of underrepresented individuals. Grover adds that such a program could have synergy to leverage institutional funds for diversity programs. A later suggestion by Grover is a meeting activity in a round robin table format to get to know professional member, ie activity for young members. Could be done as a ticketed breakfast event at the meeting—can invite industry representatives and solicit support from their companies for the event. Grover also emphasizes the importance of training for mentors participating in the mentoring program....there is a free online mentoring program via UMN. Finally, there is the opportunity to get younger members involved in the organization of the mentoring program.
 - Trevor penning points out that the short courses from the past, ie held on Saturdays have failed, but we could envision an online course run throughout the year for which we could charge
- Summary of items to survey the membership
 - Twitter handles
 - Interest in ongoing online courses
 - Interest in online Spring meeting
- Nominations
 - Opportunity for nominations was provided to the membership. No additional nominations were provided and the members suggested by the nominations committee will move forward to the online elections this fall
- Program
 - Spring ACS meeting will likely be hybrid. We will keep an eye on dates and consider a small TOXI component
 - Program Chair Select Should be identified in the coming months and the program committees will be refreshed. Please contact Penny and Michael with interest in joining a committee and please contact Shana with recommendations for Program Chair Select (ie person who will chair the 24/25 program)
- Varia
 - Please share the slides/notes from the business meeting
 - Congratulations to Sheila David who is Chair Elect for BIOL. Sheila will work to build ties such as via joint programs between BIOL and TOXI.
 - Shana and Natalia are cross country skiing in Switzerland in the photo! Hope we can do it again soon!