

Reproductive and Developmental Toxicology Specialty Section

ANNUAL REPORT: 2023–2024

May 1, 2023 to April 30, 2024

I. Officers:

<u>2023–2024</u>	<u>2024–2025</u>
President: Sarah Campion Vice President: Almudena Veiga-Lopez Vice President Elect: Tammy Stoker Secretary-Treasurer: Pragati Coder Past President, Councilor: Caren Villano Senior Councilor: Shuo Xiao Junior Councilor: Elana Elkin New Career Councilor: Pallavi McElroy Postdoctoral Representative: Kylie Rock Graduate Student Representative: Danielle Kozlosky	President: Almudena Veiga-Lopez Vice President: Tammy Stoker Vice President-Elect: Elise Lewis Secretary-Treasurer: Shuo Xiao Past President, Councilor: Sarah Campion Senior Councilor: Elana Elkin Junior Councilor: Natasha Catlin New Career Councilor: Cassandra Meakin Postdoctoral Representative: Kylie Rock Graduate Student Representative: Brianna Ames

Committees:

Ed Carney Trainee Award Committee (joint with BDRP): Sarah Campion, Almudena Veiga-Lopez, Christopher Bowman, Anthony DeLise

Program Committee: Almudena Veiga-Lopez, Sarah Campion, Elise Lewis, Shuo Xiao, Natasha Catlin, Cassandra Meakin, Brianna Ames

Best Paper Award Committee: Sarah Campion; Pragati Coder; Natasha Catlin; Catheryne Chiang; Leon Gray; Kary Thompson; Almudena Veiga-Lopez; Ronee Baracani; Shao-Yu Chen; Mary Laws; Phoebe Stapleton; Genoa Warner; Xiaozhong Yu; Changqing Zhou; Kylie Rock; Jiyang Zhang; Tingjie Zhan; Xiaoqin Ye; Daniel Spade; Shuo Xiao; Michelle Kossack

Scientific Achievement Award Committee: Elana Elkin, Almudena Veiga-Lopez, Sarah Campion

Stephen B Harris Mid Career Scientist Award Committee: Pallavi McElroy, Jessica Miller, Bethany Hannas, Katie Turner, Phoebe Stapleton

New Career Scientist Award Committee: Tammy Stoker, Shuo Xiao, and Almudena Veiga-Lopez and Pragati Coder

Student/Postdoctoral Fellow Poster Awards: Elana Elkin; Collette Miller; Jonathan Furr; Shuo Xiao; Pallavi McElroy; Cynthia Wolf; Jodi Flaws; Almudena Veiga-Lopez; Katie O'Shaughnessy; Tammy Stoker; Garyn Jung; Erin Hines; Tammy Stoker

II. 2024 Membership total: 339

III. Key Outcomes and Accomplishments in 2023–2024:

The Reproductive and Developmental Toxicology Specialty Section accomplished the following activities throughout the year.

- In-person meeting/mixer
- Sponsored session(s) at the Annual Meeting
- Endorsed session(s) at the Annual Meeting
- Mentoring/career development events
- Trainee awards conferred
- Scientist investigator awards conferred
- Paper of the year award
- Business meeting (communicated operations/finances to members)

IV. Collaborative Partnerships with Other SOT Organizations:

The Reproductive and Developmental Toxicology Specialty Section collaborated with the following organizations within SOT.

V. Communication Methods:

The Reproductive and Developmental Toxicology Specialty Section stayed in contact with its members throughout the year through the following mechanisms.

- ToXchange
- Emails through SOT Headquarters
- Specialty Section website

VI. Promotion of Inclusivity

The Reproductive and Developmental Toxicology Specialty Section maintained an inclusive organization through the following activities.

- Nominate a diverse slate of candidates for elections
- Solicit equitable input from all executive committee leaders
- Utilize virtual meetings for convening Specialty Section leadership
- Utilize standardized rubrics for judging awards/posters
- Include inclusive descriptions of Awards
- Prioritize diversity in selection of speakers/panelists
- Provide volunteer activities for the membership to be engaged
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VII. Mentoring and Career Development Activities:

The Reproductive and Developmental Toxicology Specialty Section hosted the following mentoring activities throughout the year for its membership.

- Speed mentoring

VIII. Awards Given:

Trainee	5
Early Career	5
Mid Career	1
Late Career	1

Also provided awards for Best Paper (1st through 3rd place)

IX. Key Outcomes and Improvements:

Novel topic for a CE course organized/sponsored by RDTSS covering the placenta (this topic has never been covered in a CE course prior to 2024). Improved attendance at the RDTSS mentoring session and reception

X. Strategic Plan:

The Reproductive and Developmental Toxicology Specialty Section supported the following SOT Strategic Priorities.

- Proactively pursue impactful scientific content
- Effectively communicate scientific advances
- Foster connectivity across scientific disciplines
- Develop a talent pool of toxicologists for the future
- Provide mentoring and networking opportunities for all career levels
- Enhance member recognition and visibility at all levels

XI. Scientific Topics of Interest:

The Reproductive and Developmental Toxicology Specialty Section is interested in seeing the following topic areas developed into sessions at future SOT Annual Meetings.

- Impact of climate change on the field of toxicology. How to leverage AI/ML in toxicology. Novel approaches for reducing animal use (virtual controls, alternative models, etc)

XII. Feedback to the Society:

- A. What is the one thing the Society should be doing that it currently does not do (or does not do effectively) that would be of importance/benefit to the members of the Specialty Section?

Engaging more junior members, including trainees of all levels such as early career scientists (not just students and postdocs). Trying to better understand their needs and understand what they might benefit from more of at the Annual Meeting and from SOT as a whole.

- B. What is the one thing the Society is currently doing that impacts the Specialty Section that should be changed (e.g., stopped, modified, etc.)?

No specific items that should be changed.