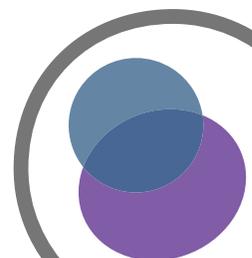




**SSR  
Year in  
Review**

**2022**



**SSR**  
Society for  
the Study of  
Reproduction

# Making Our Mark in Reproductive Research

Each day, SSR members around the world are tackling important problems in the field of reproductive biology. We are proud to support and showcase their work and provide training and resources for the next generation of scientists and researchers.

With support from our members and donors, SSR brought the best reproductive science research to scientists and researchers in underserved areas, provided awards and programs to support and nurture young scientists, and created opportunities – such as new leading-edge courses and symposiums at our Annual Meeting—to share the latest in reproductive biology.

Here are some snapshots of how SSR and our members made our mark on the world of reproductive biology in 2022.



## Education on a Global Scale

Our four-part Insights in Neuroendocrinology of Reproduction Webinar Series featured leading scientists presenting the latest research on topics such as kisspeptin neurons and ovulation, hypothalamic control of reproduction and metabolism, GnRH neurons, and the metabolic regulation of the neuroendocrine system in ruminants. **This series resulted in 477 registrations and 167 YouTube views of the series.**

SSR, with the support of the Bill & Melinda Gates Foundation and Frontiers in Reproduction, hosted two webinars on the latest developments in male and female contraception. A major goal was to increase international participation, specifically focusing on least developed countries, and we more than doubled our international registration from previous webinars. **We had 271 registrations for the first webinar and 288 registrations for the second, with representatives from 33 countries.**

## Opening Doors for Trainees

SSR provided 72 awards totaling \$47,100 specifically earmarked for trainees, early career scientists, and researchers. These grants supported travel to the SSR Annual Meeting in Spokane, opportunities to present at the Annual Meeting, and special trainee activities at the Annual Meeting, including a Career Consultation Center, Trainee Forum, and a Grants Workshop.

# Making Our Mark in Reproductive Research

## Sharing Excellence in Reproductive Research

Each year, the SSR Annual Meeting displays the leading-edge work of SSR members around the world. **More than 600 people participated in the 2022 Annual Meeting in Spokane**, which featured plenary sessions, mini-symposia, workshops, 40 flash talks, and more than 400 posters on a range of topics, including reproductive immunology, environmental toxicants, new contraceptives, health disparities, and more. Several of these presentations were funded by specific SSR awards and grants.

To enable more international researchers to participate, SSR will be holding its 2023 Annual Meeting (July 11–14) in Ottawa, Canada and its 2024 Annual Meeting (July 21–26) in Dublin, Ireland.

## Celebrating Diversity in our Organization

SSR is dedicated to building a strong and representative society that supports diversity and inclusion. Our Annual Meeting was a fantastic opportunity to share perspectives during the Diversity luncheon about *Optimizing Cultural Responsive Mentoring Relationships in STEMM*, and the WinRS (Women in Reproductive Science) luncheon on *Breaking the Gender-Patent Ceiling: How to Commercialize Your Discoveries and Make an Impact*.

SSR, along with generous support from Burroughs Wellcome and the Lalor Foundation, supported the travel of 15 underrepresented minority trainees to attend the SSR Conference.

We increased our online content through blog posts featuring 20 SSR members from a range of cultural backgrounds and podcasts highlighting the work of emerging scientists and investigators and new techniques.

## New Focus on Early Career Scientists

SSR is committed to supporting the development of emerging reproductive researchers and scientists through our Trainee mentorship and training programs. The SSR Annual Meeting features several trainee-focused events, such as this year's new investigator networking event. **With the support of our members and donors, SSR awarded more than \$47,000 to enable SSR trainees to participate in the Annual Meeting.**

SSR has also added a Early Career Investigator Representative position on the Board of Directors, giving both early career investigators and two trainees with the unique opportunity to participate in the management of SSR and represent the interest of all SSR trainees.

## SSR's Biology of Reproduction Journal

SSR's Biology of Reproduction marked its first full year under the leadership of co-editors-in-chief Romana Nowak and Mary Zelinski, whose term began July 2021. This year the journal published two special issues on topics of interest to our readership: *The Intersection of Assisted Reproductive Technologies and Oocyte Biology*, edited by Rebecca Robker, was published in February 2022, and *Riding The Wave: Reproductive Biology in China*, edited by Wei Yan and Hugh Clarke, published in August. BOR also joined with the Virtual Education Committee to promote a new series of protocol papers and webinars. SSR hosted three webinars this spring on *Experimental Methods and Techniques in Reproduction*, with an accompanying paper published in BOR. Finally, BOR recognized high impact work published in the journal with the presentation of the BOR Awards at the 2022 SSR Annual Meeting. The awards recognized top research and review papers, outstanding contributions by reviewers, and the best graphical abstracts submitted over the previous year. **Thanks to the hard work and dedication of the entire editorial team, reviewers, and authors, BOR was able to maintain its position as a leader in reproductive research with an Impact Factor of 4.161.**

## Recognizing Excellence

Each year, the SSR Distinguished Fellowship recognizes active SSR members for their outstanding contributions to the field of reproductive biology and to the Society, illustrated by sustained high impact research, leadership, service and mentorship. In 2022, SSR recognized these five individuals who have made such an impact in the field of reproductive biology:



**Sudhansu K. Dey, PhD**  
Cincinnati Children's  
Hospital



**Moira K. O'Bryan, PhD**  
University of Melbourne



**Joy L. Pate, PhD**  
Penn State University



**Sarah A. Robertson, PhD**  
University of Adelaide



**Barbara C. Vanderhyden, PhD**  
Ottawa Hospital  
Research Institute

# SSR Member Donations at Work



SSR provides several funding opportunities to support our mission and provide assistance to the next generation of reproductive scientists and researchers. SSR values your support. We want to make sure that your donations support the programs that matter to you. This is how your donation dollars were used this year. To help make your mark on these and other critical initiatives in reproductive biology, click on any of the funds below to support SSR.

## General Support

[General Endowment Fund](#) – Donations were used to support all of the society's activities.

## Trainee Support

[Bruce D. Murphy Endowment Fund for SSR Trainee Members](#) – The Bruce Murphy Fund supports trainee activities at the SSR Annual Meeting. In 2022, \$5,000 from this fund was used to support the Trainee/New Investigator Grant Workshop and the SSR Career Center.

[SSR Trainee Support Fund](#) – The Trainee Support Fund contributed \$26,000, which supported 25 trainees to participate in the Annual Meeting. Five of those trainees were from outside of the U.S.

## New Investigator Support

[Janice Bahr Endowment Fund](#) – The Janice Bahr Junior Scientist Travel Award is a self-nominated award and recognizes a Regular Member of the Society, an active Assistant Professor or position of similar rank on the tenure-track, and provides them with travel assistance to attend the Annual Meeting. This year the recipient of the award was Joe Qiao, Associate Professor at the University of Illinois, Urbana.

[Virendra B. Mahesh New Investigator Fund](#) – This fund recognizes members for their outstanding research completed and published within 10 years after receiving their PhD or other equivalent professional degree. David Pépin, Associate Professor at Harvard University, was the recipient of this award. He was cited for his many achievements in research and his willingness to collaborate with and help colleagues and trainees.

## Supporting Mentors

[Trainee-Mentoring Award Fund](#) – This award is given to an SSR member who consistently demonstrates support and guidance exceeding the basic responsibilities of an academic advisory. The awardee, Professor Thomas E. Curry, Jr. at the University of Kentucky, was recognized for his unwavering support and encouragement to those he mentored.

## International Support

[Fuller Bazer International Scientist Fund](#) – This fund recognizes scientific excellence in reproductive biology of scientists outside of North America. The winner of this award was Moira O'Bryan, Professor at the University of Melbourne.

## Female Gametogenesis or Follicular Development Research

[John J. Eppig Endowment Fund](#) – This fund covers travel to the SSR Annual Meeting for speakers in a designated module or session on female gametogenesis or follicular development. This year the fund supported the John Eppig Oocyte Biology Symposium.

## Neuroendocrine Research

[Virendra B. Mahesh Neuroendocrine Program Fund](#) – This fund supports a symposium, plenary session, or similar event at the Annual Meeting with a focus on neuroendocrinology. This year the fund supported the Virendra B. Mahesh Cell Biology of the Neuroendocrine System Symposium.

## Ovarian Research

[William Hansel Ovarian Research Program Fund](#) – This fund supports an Annual Meeting Symposium with a focus on ovarian function as it relates to the broader field of reproductive biology. This year it funded the Hansel Ovarian Biology Symposium – Hormone Action in the Ovary.

## Biology of Reproduction Support

[Virendra B. Mahesh Legacy Fund](#) – This fund supports maintenance and enhancement of the Biology of Research (BOR journal).

## Annual Meeting Support

[Anita Payne Endowment Fund](#) – This fund supports the Anita Payne *New Perspectives on Reproductive Biology* Lecture at the SSR Annual Meeting and SSR trainee participation in leading-edge courses or workshops. The 2022 Anita Payne Scholarship winner was Farners Amargant Riera, a postdoctoral fellow at Northwestern University. Her research focuses on understanding the age-associated changes in the ovary using mouse models.

[Past Presidents' Endowment Fund](#) – This fund provides general support to SSR's Annual Meeting.

# Building for the Future



*"I have loved the openness and non-elitism of this society. I was its first female president and I have been followed as president by many other women. Not surprisingly, the Society has also welcomed trainees, giving them travel awards and prizes for excellent papers and places on the governing board. The annual SSR meeting was always the favorite yearly science event for me and my trainees."*

— Neena Schwartz, Ph.D.

SSR President, 1977-1978

SSR currently has 360 trainee members. Through participation in SSR, these young professionals interact with established scientists, discover career opportunities, and learn about new scientific techniques.

SSR values and promotes trainee leadership. Two trainee representatives and one early career investigator serve on the Board of Directors to provide their perspective and ideas. Many trainees participate in SSR committees and trainees organize several events at the SSR Annual Meeting. In 2022, these events included the Career Consultation Center, Trainee Forum, Grant Workshop, and Trainee Mentor Luncheon. 221 trainees attended the Annual Meeting and participated in these events.

Graduate students, postdoctoral fellows, and other trainees are all welcome to apply to serve as a Trainee Representative. This is an excellent way to become familiar with the workings of the Society.



# About SSR

## Mission and Goals

Founded in 1967, the Society for the Study of Reproduction (SSR) promotes the study of reproduction by fostering interdisciplinary communication among scientists, holding conferences, and publishing meritorious studies. Today, our members come from 50 countries around the world.

SSR members have made key contributions to stem cell biology, transgenesis, treatment of infertility, contraception, livestock production, pregnancy health, treatment of reproductive system cancers, and identification of environmental contaminants.



### Our Mission

Advance the Science of Reproduction, Fertility, and Development for the Benefit of Humans and Animals

### Our Vision

A Sustainable World Through the Science of Reproduction, Fertility, and Development

## SSR Executive Council (2022-2023)

**President:** Peter J. Hansen, University of Florida

**Past President:** Troy L. Ott, Penn State University

**Vice President:** Blanche Capel, Duke University Medical Center

**Vice President-Elect:** Jennifer Wood, University of Nebraska-Lincoln

**Secretary:** Jodi Anne Flaws, University of Illinois

**Treasurer:** Lane Christenson, University of Kansas Medical Center

#### Directors:

- Aileen Keating, Iowa State University
- Julie Kim, Northwestern University
- Rebecca Krisher, Genus
- T. Rajendra Kumar, University of Colorado Anschutz Medical Campus
- Marc-Andre Sirard, Laval University
- Humphrey Yao, NIEHS/NIH

**Early Career Investigator:** Diana Monsivais, Baylor College of Medicine

#### Trainee Representatives:

- Taylor Pini, University of Sydney
- Jacinta Martin, University of Newcastle

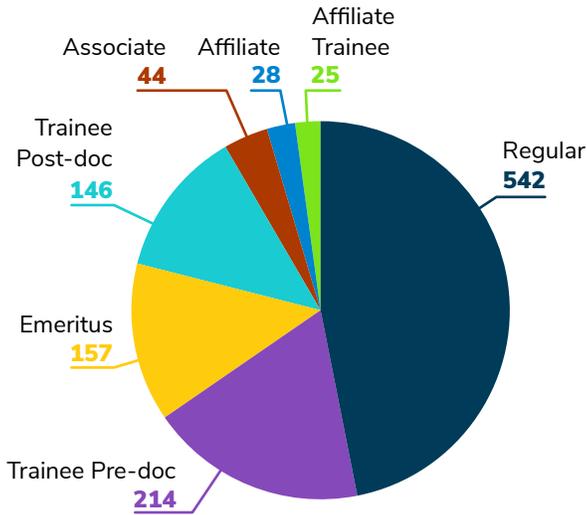
#### Editors-in-Chief (ex officio):

- Mary Zelinski, Oregon National Primate Research Center
- Romana Nowak, University of Illinois

**Executive Director (ex officio):** Julie Utano

# SSR by the Numbers

## Membership breakdown by type



## Webinar Stats: 12 Webinars in 2022

Webinar	Registrations	Attendees
2 Contraceptives Series	559	290
4 Neuroendocrine	477	216
3 Rising Stars	291	155
3 Experimental Methods	176	123

## Podcasts: 6 podcasts since January

<b>July 22</b>	Interview with 2022 SSR New Investigator Awardee Dr. David Pepin
<b>May 17</b>	Interview with developmental biologist Dr Magdalena Zernicka-Goetz
<b>April 6</b>	Dr. Barfield, Dr. Wilkins, and the Laramie Foothills Bison Conservation Herd Project!
<b>March 7</b>	The impacts of IVF and other Assisted Reproductive Technologies (ART) on human reproduction with Dr Rebecca Krisher
<b>February 12</b>	Dr. Crosier: Fertility studies and Reproductive Management in Cheetahs!
<b>January 9</b>	Breakthroughs in Reproductive Technologies: The history of Assisted Reproductive Technologies (ART) in agriculture with Dr Peter Hansen, Part 2

## SSR Career Center (as of November 30, 2022)



**139**

Jobs posted



**31**

Resumes posted



**78**

Employer registration



**66**

Job seeker registrations



**31,648**

Job views

# SSR Events

SSR members, trainees, sponsors and exhibitors reconnected in Spokane, Washington on July 26-29, 2022 for the 55th Annual Meeting bringing everyone together for in-person learning, collaboration, and networking opportunities.

Kelle Moley opened the conference with her Keynote Lecture, Women's Health from Molecule to Marke. In-person attendees enjoyed the return of the Ovarian Workshop, 20 educational Mini-Symposia, and countless memories.

We also offered a virtual option for those who could not attend in Spokane. Virtual attendees had access to live-streamed plenary lectures, one live-streamed mini-symposium session, pre-recorded lectures and online access to other attendees, poster gallery, and exhibit hall.



## Overall 55th Annual Meeting Stats



Attendees:  
**545** in-person  
**99** Online  
**221** trainees



Number of  
countries  
represented: **24**



Revenue  
generated:  
**\$315,515**



Total sessions:  
**3** General Sessions  
**20** Focus Sessions



Total presenters:  
**95**



Sponsorship  
revenue:  
**\$38,900**



# Sponsorship Highlights

**\$123,031**

Total meeting sponsorship/grant revenue

## Thank you to our 2022 Annual Meeting Sponsors!

### Bronze



WASHINGTON STATE  
UNIVERSITY

### Supporter



### Friend



### Poster Award Sponsor



### Exhibitors

BILL & MELINDA  
GATES  
FOUNDATION



THE LALOR  
FOUNDATION,  
INC.



# Marketing Communications Updates

(as of November 30, 2022)

## Social Media Stats



**8,459**

Total audience



**913**

Total audience growth



**572.7%**

Most growth: Facebook



**276,173**

Total Impressions



**10,821**

Total Engagement

## Top Facebook Posts

**Society for the Study o...**  
Thu 4/14/2022 9:00 am PDT

It's Graduate Student Appreciation Month 🎉! We're celebrating by featuring some of our #SSR Trainees...

**SSR REFLECTS**  
Celebrating Graduate Student Appreciation Month  
Estefania Gonzalez Alvarez  
Ph.D. Candidate  
Ph.D. in Health & Society

Total Engagements	699
Reactions	270
Comments	19
Shares	12
Post Link Clicks	34
Other Post Clicks	364

**Society for the Study o...**  
Fri 4/22/2022 6:00 am PDT

It's Graduate Student Appreciation Month 🎉! We're celebrating by featuring some of our #SSR Trainees...

**SSR REFLECTS**  
Celebrating Graduate Student Appreciation Month  
Crystal Roach  
Ph.D. Candidate  
Ph.D. in Health & Society

Total Engagements	502
Reactions	239
Comments	84
Shares	17
Post Link Clicks	23
Other Post Clicks	139

**Society for the Study o...**  
Thu 7/28/2022 10:24 am PDT

#SSR2022 Poster Session this morning was great! We love seeing all of your smiling faces!

**SSR TRAINEEES**

Total Engagements	217
Reactions	39
Comments	0
Shares	0
Post Link Clicks	1
Other Post Clicks	177

## Top Twitter Posts

**@SSRepro**  
Tue 7/26/2022 6:46 pm UTC

We're getting ready for Opening Session. We love our trainee volunteers! @SSR\_Trainees...

Total Engagements	153
Likes	40
@Replies	0
Retweets	4
Post Link Clicks	—
Other Post Clicks	109
Other Engagements	0

**@SSRepro**  
Thu 5/19/2022 8:15 pm UTC

Applications are now OPEN for the 2022 SSR Burroughs Wellcome Fund Travel Fellowships! Underrepresented...

**2022 SSR Burroughs Wellcome Fund Travel Fellowships for Underrepresented Minority Trainees and Junior Faculty**

Total Engagements	153
Likes	13
@Replies	1
Retweets	14
Post Link Clicks	47
Other Post Clicks	78
Other Engagements	0

**@SSRepro**  
Wed 5/18/2022 12:00 pm UTC

Congratulations to the newly elected #SSR Board Members! Meet the team: <https://t.co/yWo4SG461...>

**ANNOUNCING THE NEW BOARD OF DIRECTORS!**

Total Engagements	138
Likes	10
@Replies	0
Retweets	5
Post Link Clicks	77
Other Post Clicks	46
Other Engagements	0

## Top LinkedIn Posts

**Society for the Study o...**  
Thu 7/28/2022 5:24 pm UTC

#SSR2022 Poster Session this morning was great! We love seeing all of your smiling faces!

Total Engagements	282
Reactions	17
Comments	0
Shares	1
Post Clicks (All)	264

**Society for the Study o...**  
Thu 7/28/2022 1:38 pm UTC

Thank you to yesterday's Plenary Session speakers and poster award winners for their fascinating...

Total Engagements	83
Reactions	13
Comments	0
Shares	2
Post Clicks (All)	68

**Society for the Study o...**  
Mon 3/14/2022 1:00 pm UTC

Join us in congratulating the #SSR 2022 Awards Recipients! 🎉 Martin M. Matzuk, MD, PhD 🎉 Benjamin K...

**2022 MAJOR AWARDS RECIPIENTS**

Total Engagements	67
Reactions	22
Comments	3
Shares	1
Post Clicks (All)	41

## Newsletter

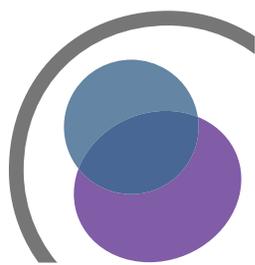
**Most Opened – 941 Opens:**  
Post Annual Meeting Newsletter (8/3/22)

## Web Stats

- Just under **45,000** visitors and **123,000** page views
- **50% of the visitors are from the US**, with sizable visitors from Germany, Indonesia, India, Canada, China, the UK and Japan.
- **Most viewed pages:** Homepage, Annual Meeting (10,637), Upcoming Events (3,508), Membership Renewal (1,678), Members (1,448), SSR Committees (1,113), Membership (1,106), Trainee Programs (1,029)

## Co-marketing Partners

We are pleased to partner with our sister societies in promoting SSR marketing initiatives including webinars, conferences, and other opportunities for SSR members and trainees: SRI, FASEB, SRB, CFAS, ASRM.



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