SSR Newsletter February 2016

Society for the Study of Reproduction



Message from the President

Greetings to all of my SSR colleagues!

It is a cherished honor to be elected to the presidency of this prestigious organization that has contributed so much to fostering progress in reproductive biology. With but brief reflection, one can identify many examples of SSR members who have made major discoveries—discoveries highly significant to human and animal reproductive health. Many of these findings have been translated into industrial products for the betterment of mankind. Roy Greep, a Charter Member of SSR, discovered human menopausal gonadotropin, used for decades to treat infertility. Barry Bavister produced the first human embryo in vitro. Gordon Niswender and Reese Midgely deserve much of the credit for the development of gonadotropin assays. Fuller Bazer, Bill Thatcher, and Mike Roberts discovered IFNt, thereby solving the puzzle of maternal recognition of pregnancy in ruminants. Bob Foote, another Charter Member, gets credit for the studies of sperm that fostered the highly successful bovine artificial insemination industry. Irving Boime and Marty Matzuk developed the gene constructs that became the basis for recombinant human FSH, now used worldwide in human IVF. Ralph Brinster produced the first transgenic mouse. These are but a few examples of the lengthy legacy of germinal contributions by SSR members. I am certain our members can come up with more; if you know of some, either old or new, I will be grateful if you inform me.

In addition to the honor, it has been a pleasure to serve in the complex and busy job as President. I can bring some good news: the negotiations with Oxford University Press that we embarked upon last June culminated in the successful signing of a contract to publish our flagship journal, *Biology of Reproduction*. This new agreement, which will bring nearly \$3M into the SSR coffer, will begin on 1 January 2017. A transition committee has been formed by OUP to interact with the SSR to effect a smooth changeover. Our current editors, Tom Spencer and Franco DeMayo, have agreed to serve for six months beyond their projected termination date of 30 June 2017, thereby assuring editorial continuity for a full year under the OUP regime.

Other positive news can be found in the program for our 2016 Annual Meeting (<u>www.ssr.org/16meeting</u>). The program is both exciting and outstanding, due to the diligent efforts of the program co-chairs, Blanche Capel and Lane Christenson. The theme I chose was *Systems Biology of Reproduction*, and an innovative program with an excellent slate of speakers has been developed. There also will be slots for many speakers selected from the submitted abstracts. The Annual Meeting will be preceded by a one-day workshop on big data in reproductive biology and reproductive medicine. The meeting venue, the Sheraton San Diego Hotel and Marina, is well-appointed to provide excellent accommodation as well as the facilities for an efficient meeting. If you missed the 15 February deadline for abstract submission, another opportunity will arise later this spring when late-breaking abstracts will be solicited.

Issue 33 Number 1 The social events will include a reception at the renowned San Diego Zoo, and a banquet and dance at sea on the Hornblower vessel. More information can be found in this Newsletter and on the SSR website (SSR.org). This 2016 meeting is where you can learn about new discoveries that will be further expanded, and subsequently developed to become part of the legacy of contributions that SSR engendered in the field of reproductive biology. You will not want to miss this opportunity for a state-of-the-art scientific update, an engaging social program, and the opportunity to interact with colleagues and friends.

Despite the good news, SSR has numerous challenges on the horizon. We suffered a deficit budget in 2015, mostly due to some unexpected costs from our Annual Meeting in Puerto Rico. While the decline in membership may have attenuated, we are fewer than we were five years ago. Jon Oatley and the Membership Committee have devised an innovative strategy to address membership declines, and it is fervently hoped that the trend can be reversed. Membership numbers have a significant impact on the bottom line; deficits are not sustainable and restrict our activities.

For a number of years the SSR has supplemented the Larry Ewing Memorial Trainee Travel Fund to provide travel awards so that our deserving trainees can present their work at the Annual Meeting. Fiscal restraints have rendered this difficult, and substantially fewer awards will be available for the 2016 meeting. You can reverse this deficiency by contributing to the LEMTTF when you register for the SSR Meeting. Just check the box and make your donation.

We also need to continue to build the SSR Endowment to ensure the future of the Society. You can target your contribution to a specific purpose: the William Hansel Ovarian Symposium Fund, the John J. Eppig Endowment Fund, the Virendra B.Mahesh Neuroendocrine Program Fund, the Legacy Fund, or the General Endowment. Please consider doing so to support the Society that has done so much for us and for reproductive biology.

In closing, I wish all good luck in your scientific endeavors and the results for which we all fervently hope: good data to support our hypotheses.

—Bruce D. Murphy (<u>bruce.d.murphy@umontreal.ca</u>) SSR President



Update from the 2016 Program Committee

Update: Annual SSR Meeting 2016

We look forward to seeing all of you who submitted abstracts in San Diego. If you were not quite ready to submit an abstract, we will, again, offer late-breaking submissions in early April 2016. New this year: if you have an accepted abstract from the first submission process, you may also submit a late-breaking abstract as first (presenting) author!

San Diego promises to be a fantastic venue, and our opening night reception will occur at the world-famous San Diego Zoo. The exciting program has been set, and it can be seen in detail at <u>http://www.ssr.org/16Program</u>. Below, we are pleased to provide details about two adjunct meetings that will take place just before the annual meeting begins.

1. NIEHS Reproductive Health Back-to-Basics Workshop

Organized by Thaddeus Schug, NIEHS (invited participants only) Sheraton San Diego Hotel & Marina. Executive 2A/2B Conference Room Friday, 15 July (2:00 p.m. – 5:00 p.m.), and Saturday, 16 July (7:30 a.m. – 12:00 p.m.)

Participants in this workshop will (1) discuss the state-of-the-science in reproductive diseases and dysfunctions resulting from exposure to environmental chemicals and (2) will suggest further research directions and opportunities. There will also be a session dedicated to identifying priority research gaps and future needs.

Background: Scientists have postulated a wide range of adverse effects on human health of exposure to environmental chemicals—the most fundamental concern being that prenatal and childhood exposure to endocrinedisrupting chemicals (steroid hormone mimics) may be responsible for life-long reproductive abnormalities in both males and females. A growing number of scientific studies and reviews suggest that our reproductive health and, ultimately, our reproductive capacity are under strain. This research has also strengthened our recognition that exposure to low doses of chemicals can have an adverse impact on reproductive health, and that exposure to mixtures of chemicals can have cumulative effects across multiple generations.

Workshop Objective and Focus: The NIEHS Environmental Reproductive Health satellite workshop will consist of presentations on topics related to these environmental exposures:

- Mechanisms of gonadal signaling/development
- Spermatogenesis/development
- Oocyte development
- Fertilization/implantation/placentation
- Uterine health
- Sex determination
- Fertility

2. Technology Workshop: Emerging Technologies in Reproductive Research in the Era of Big Data. *Sheraton San Diego Hotel & Marina. Harbor Island Ballrooms 1 & 2* Friday, 15 July (1:00 p.m. – 7:30 p.m.), and Saturday, 16 July (8:00 a.m. – 12:00 p.m.)

The purpose of the workshop is to introduce new clinical technologies seeking niches in industry and to determine the needs for basic research in academia.

Cont.

Program Committee continued:

Website Updates

Be sure to visit the 2016 Annual Meeting website for updates regarding the schedule and special events www.ssr.org/16Meeting This workshop will feature distinguished speakers presenting cutting-edge methods and technologies. Biomarker discovery, 3D cell culture systems, data management and analysis, nextgeneration sequencing, personalized medicine in reproduction, and the use of model organisms and other novel approaches are examples of the hot topics and new technologies that will be covered.

The workshop offers the opportunity to network with attendees from pharmaceutical and biotech companies as from well as academia. We believe that these interactions will help you find solutions, build collaborations, and develop new ideas.

Register through the website at a cost of \$100/Active Professor; \$50 /Trainee.

—Blanche Capel and Lane Christenson SSR 2016 Program Committee Co-Chairs

From the Diversity Committee

The Diversity Committee's Lunch Symposium again will be our highlight for the upcoming SSR meeting. This event is open to all attendees of the Annual Meeting and is a great venue for trainees to meet peers and mentors. The event is scheduled for Sunday, 17 July, 12:00 p.m. - 1:30 p.m.

The 2016 speaker will be **Marino De Leon, Ph.D.**, from Loma Linda University, who is excited to "…share my experience in developing and implementing research training programs, addressing the lack of diversity in the U.S.A. scientific workforce and how it connects with our goal to eliminate health disparities."

The 2015 Diversity Committee-Sponsored Lunch Symposium featured Dr. Genevieve Neal-Perry, M.D., Ph.D., from the Department of Obstetrics and Gynecology at the University of Washington. Dr. Neal-Perry is the Division Director for Reproductive Endocrinology and Infertility, which is also her clinical focus. Her research interests include screening and early detection of ovarian cancer, clinical trials for gynecologic malignancies, surgical interventions for gynecologic malignancies, and surgical education. Dr. Neal-Perry gave a great seminar that led to excellent discussions, with numerous people staying afterward to visit with her. She was extremely personable and answered several questions about her training and career development, from which many of the trainees gleaned a lot.

Also, please visit the SSR Diversity Committee web page http://www.ssr.org/DiversityCommittee to learn more about resources available for underrepresented trainees and junior faculty. If you would like to get involved in the Diversity Committee's events, please contact me. We look forward to seeing you in San Diego!

Ryan Ashley, Chair Diversity Committee New Mexico State University <u>ryashley@nmsu.edu</u>

2016 SSR Major Award Recipients – Congratulations!!

Join me in congratulating the recipients of the 2016 Major Awards:

- *Carl G. Hartman Award* **R. John Aitken, Ph.D.** (University of Newcastle, Newcastle, New South Wales, Australia).
- *SSR Distinguished Service Award* Asgerally T. Fazlebas, Ph.D. (Michigan State University College of Human Medicine, Grand Rapids, Michigan, USA).
- *SSR Research Award* **Michael J. Soares, Ph. D.** (University of Kansas Medical Center, Kansas City, Kansas, USA).
- *SSR Trainee-Mentoring Award* **Thomas E. Spencer, Ph.D.** (University of Missouri, Columbia, Missouri, USA).
- SSR New Investigator Award Sarah Kimmins, Ph.D. (McGill University, Montreal, Quebec, Canada).

A description of each Major Award can be found at www.ssr.org/Awards.html. Awardees will be recognized throughout the SSR 2016 Annual Meeting in San Diego, California. Please check the meeting schedule for specific days and times (http://www.ssr.org/16Schedule).

The members of the Awards Committee thank the SSR membership for continuing to make the selection process difficult due to the nomination of highly qualified individuals. We ask for you to continue nominating your colleagues for 2017!

—Jennifer Wood, Chair 2016 Awards Committee











Anita Payne Scholarship Recipient Announced

Sophia Heng has been selected to receive the 2016 Anita Payne Scholarship from the Society for the Study of Reproduction to attend FIR this year. The Anita Payne Scholarship recipient is given to the highest-ranked SSR member who is admitted to FIR. The award amount, which is \$5,000 and is included in the recipient's financial aid package. Congratulations!

From the Local Arrangements Committee: Welcome to San Diego!

Greetings from the Local Arrangements Committee (LAC) members for SSR '16! We are excited and delighted that <u>San Diego</u> is the venue for the upcoming Annual Meeting of SSR, and we are looking forward to making this convention the best ever!

As members of the LAC, we will help organize some of the social activities, help with fundraising, develop an outreach activity for high school students, and organize a 5K Fun Run/Walk.

The conference will take place near the <u>San Diego International Airport</u>, which, unlike most airports, is in a beautiful part of town, with the seaport directly adjacent. The conference will also be in close proximity to myriad options for entertainment and sightseeing. While San Diego, the eighth largest city in the United States, is spread over a large swath of coastal land, there are plenty of unique neighborhoods and attractions well worth visiting. <u>Balboa Park</u> is the nation's largest urban cultural park and home to 15 major museums, renowned performing arts venues, beautiful gardens, and the <u>San Diego Zoo</u>. The incredibly scenic city of <u>La Jolla</u> is home to bio-engineering, medical practice, and scientific research; the <u>University of California, San Diego</u> (UCSD), is located in La Jolla, as are the <u>Salk Institute</u>, <u>Scripps Institution of Oceanography</u> (part of UCSD), and <u>Scripps Research Institute</u> (not to mention lots of sea lions).

If you love beaches, you're in for a treat; numerous sandy beaches, including <u>Mission Beach</u> and <u>Coronado Beach</u>, are easily accessible within the area's 70 miles of pristine coastline. History buffs will want to spend a few hours in <u>Old Town San Diego</u>, the site of the first Spanish settlement on the U.S. West Coast. Reserve time to explore 12 acres of Mexican lore and historical sites, colorful shops, early-California-style restaurants, and more. And in case you're worried that southern California will be sizzling hot in the summer, you may be surprised that the average July high in San Diego is a comfortable 75 degrees.

See you in July 2016! SSR 2016 Local Arrangements Committee



L-R: Miles Wilkinson, Chair; Veronica Negron-Perez; Erica Schoeller; Idhaliz Flores; Lynda McGinnis; David Natale; Shunichi Shimasaki

Meeting Registration

Opens now! Register online before 31 May 2016 for discounted registration!

Hello and Happy New Year from the Trainee Affairs Committee!

We hope all of you are eagerly anticipating this year's Annual Meeting in sunny San Diego, and that your best work was submitted by the abstract deadline. We also hope you took advantage of applying for the Larry Ewing Memorial Trainee Travel Fund (LEMTTF), which was integrated into the abstract submission process and is coordinated this year by Dr. Jitu George (Michigan State University). The Trainee Affairs Committee is very excited to share with you the events and services that will benefit our fellow Trainees at the meeting!

Trainee Forum: Communicating Science to Boost Your Career

This year's Forum will be hosted on the <u>first day of the meeting</u>, Saturday, 16 July, from 2:00 p.m. to 3:30 p.m., and will focus on how and why to use science communication strategically to benefit your career. We are currently gathering panelists for this beneficial event to discuss topics including: *Raising your professional profile, Making yourself known online, Pitching a paper for the best possible journal, Talking to the press,* and *Crafting an elevator talk*. You must sign up for this <u>free</u> event at the time you register for the meeting to ensure your attendance at the Forum.

Careers Booth: Individualized Feedback on Your CV

We are pleased and proud to announce that we will be implementing a new service where Trainees can receive personalized one-on-one feedback on their CVs from a Regular SSR member. The Careers Booth will run congruently with the poster sessions (from 8:00 to 9:45 a.m., Sunday, Monday, and Tuesday, 17-19 July). Stay tuned—closer to the meeting, we will be sending instructions on how to sign up for a 15-minute time slot!

Trainee-Mentor Luncheon

This valuable event returns on Monday, 18 July, from 12:00 to 1:30 p.m. Dr. Amanda Patterson (Michigan State University) is coordinating the 2016 Trainee-Mentor Luncheon, and she will continue to implement a smaller, Trainee:Mentor ratio to ensure a more intimate Trainee experience. Do not miss out—be sure to sign-up for this event when you register for the meeting!

Services Provided to Trainees

- Roommate Referral Service: To assist in offsetting accommodation costs to Trainees, we are proud to continue offering the Roommate Referral Service. If you are traveling alone to the meeting or in a small group, Changqing Zhou (University of Illinois at Urbana-Champaign) will help you find a perfect match for a roommate. Be on the lookout for further instruction on how to take advantage of this outstanding service.
- 2) **Trainee Placement Service:** The <u>Trainee Placement Service</u> is your one-stop-shop for all employment opportunities in the reproductive sciences. Graduate student, post-doctoral, and faculty job opportunities are posted regularly. Create an account today!
- 3) Trainee Affairs Facebook Page: Did you know that we are on Facebook? Keep up-to-date on all Trainee-related information by joining our "Society for the Study of Reproduction Trainee Affairs" Facebook group. We have over 250 members engaging in discussions on career advancement, trainee interests, and upcoming events, so join today!

Cont.

Get Involved with SSR and the Trainee Affairs Committee

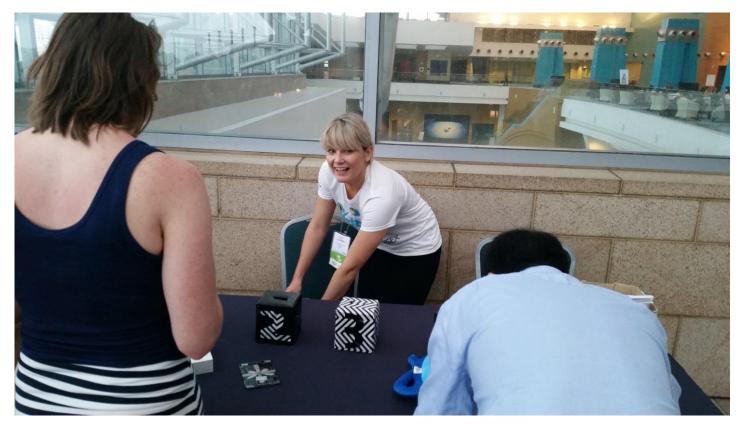
- Volunteer: The best way to get involved with the Society is to volunteer at the Annual Meeting in San Diego. We highly encourage you to click the box for the Trainee Volunteer Subcommittee on your Annual Meeting Registration form, as this is a great opportunity to get behind the scenes, meet your peers, and interact with influential scientists in our field. Please contact the chairs of the Trainee Volunteer Subcommittee, Veronica Negron-Perez (vnegron@ufl.edu; University of Florida) and Dr. Erica Schoeller (elschoeller@gmail.com; University of California San Diego), for more information.
- 2) Vote for the 2016-2018 Trainee Representative: This year, three exceptional candidates have come forward to represent Trainee interests on the SSR Board of Directors. The election will take place in the spring, so stay tuned for the announcement of when elections will be open. Please cast your vote; every vote counts!

Dr. Jitu George (Post-Doc, Michigan State University)Dr. Amy Winship (Post-Doc, Hudson Institute of Medical Research)Dr. Shuo Xiao (Post-Doc, Northwestern University)

The next page is a printable flyer detailing the exciting Trainee-specific events in San Diego. Please pass the flyer along to colleagues, or print and hang it in your institution for advertisement purposes.

We look forward to seeing you in San Diego!

—Jenna Haverfield and Patrick Hannon Trainee Representatives trainees@ssr.org



Trainee Related Activities

49th Annual Meeting of the Society for the Study of Reproduction San Diego, California, 16-19 July 2016

Trainee Forum

Communicating Science to Boost Your Career Saturday, 16 July, from 2:00 to 3:30p.m. Sign-up when you register for the meeting.

Careers Booth

Individualized Feedback on Your CV Sunday, Monday, and Tuesday, 17-19 July, During morning poster sessions Instructions to sign-up will follow.

Trainee-Mentor Luncheon

Monday, 18 July, from 12:00 to 1:30 p.m. Sign-up when you register for the meeting.

From the Publications Committee

A New Publisher for *Biology of Reproduction (BOR)*:

The SSR has entered an agreement with Oxford University Press (OUP) to publish *BOR* beginning 1 January 2017. Throughout the fall, a tireless transition committee worked with OUP to lay the foundation of a mutually agreeable contract to allow OUP to begin publishing *BOR*. This transition team included Franco DeMayo and Tom Spencer (the two current *BOR* Editors-in-Chief), Bruce Murphy and Richard Schultz (President and Past President of the SSR, respectively), Sally Perreault Darney (former Treasurer) and Pete Hansen (current Treasurer), Mary Ann Handel and Tom Curry (former and current Chair of the Publications Committee, respectively), and Judy Jansen (ex officio, as Executive Director of the SSR). All of these people, and the Publications Committee, past and present, deserve thanks for their ongoing efforts!

Partnering with OUP will bring numerous advantages to *BOR*, including an international marketing group, subscription advantages, an increase in revenue, access to changing technologies, assistance with social media coverage, guidance with issues related to ethics, open data and research transparency, among many other benefits. Importantly, *BOR* will remain our Journal and we will continue to have complete control over the content. This new venture for *BOR* will undoubtedly generate many exciting opportunities for the Journal and for the SSR!

New Editor(s) for BOR:

One of the most important tasks that the Publications Committee faces in the coming year is the screening and selection of a new editorial team for *BOR*. A call for new editors has gone out to the membership, and the Publications Committee has been contacting individuals. Anyone with an interest in serving as editor(s) for *BOR* or who can suggest an outstanding candidate for this position should contact Thomas Curry at tecurry@uky.edu.

Research Ethics:

Under the guidance of Bruce Schultz, the Research Ethics Subcommittee considered hypothetical situations of research ethics built around some cases that had come before the committee, as well as ethical questions that have been addressed by the Committee on Publication Ethics (COPE; http://publicationethics.org/). The outcome of these discussions included suggestions for revisions to the Society's document entitled *"Ethical Guidelines for Publication of Research Results in* Biology of Reproduction." These suggestions are currently under consideration.

—Tom Curry Chair, SSR Publications Committee



Hotel Reservations

Don't wait until the last minute to book your room for the 2016 Annual Meeting! Reservations can be made online at: <u>Sheraton San Diego Hotel & Marina</u>

From the Future Meeting Sites Committee

We're pleased to present the dates and venues for the SSR Annual Meeting for each of the next three years:

16–19 July 2016	San Diego, California	Sheraton San Diego Hotel & Marina
12–15 July 2017	Washington, DC	Marriott Wardman Park
10–13 July 2018	New Orleans, Louisiana	Hilton New Orleans Riverside

The committee is currently evaluating sites for the 2019 meeting. As you may recall, we had four sites in mind: Seattle, WA; San Jose, CA; Portland, OR; and Spokane, WA. Each site had advantages and disadvantages, which made it difficult to discriminate among them. Therefore, we solicited help from SSR members by means of an electronic survey. After two rounds of solicitation, over 30% of the SSR membership (400 members) responded, with a clear margin separating the top two cities (*see final rankings below*). Based on the results of the survey, and approval by the SSR Board of Directors, we're planning to visit San Jose and Seattle this spring. Thank you for your help!

—Joanie Jorgenson Chair, SSR Future Meeting Sites Committee

	1	2	3	4	Total	Score
Seattle, Washington (Dates offered: 23–26 June, 2019)	42.75% 171	27.75% 111	16.75% 67	12.75% 51	400	3.00
San Jose, California (Dates offered: 18–21 July, 2019)	27.25% 109	29.25% 117	27.50% 110	16.00% 64	400	2.68
Portland, Oregon (Dates offered: 29 July–1 August, 2019)	15.25% 61	27.00% 108	32.50% 130	25.25% 101	400	2.32
Spokane, Washington (Dates offered: 22–25 July, 2019)	14.75% 59	16.00% 64	23.25% 93	46.00% 184	400	2.00

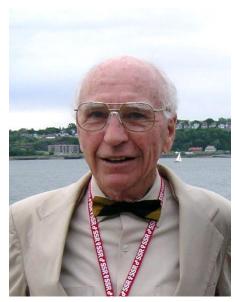


Photo courtesy of Romana Nowak

IN MEMORIAM Dr. Philip J. Dziuk, Founder of SSR, 24 March 1926 - 8 July 2015

Philip J. Dziuk, founder of SSR, was born in Foley, Minnesota, 24 March 1926 and died 8 July 2015 in Homer, Illinois, after a short illness. He obtained his B.S (1950), M.S. (1952), and Ph.D. (1955) in Dairy Husbandry from the University of Minnesota. He was hired as an assistant professor in the Department of Animal Science, University of Illinois, in 1955, where he rose through the ranks and became a full professor, in 1968. He retired in 1988 as Professor Emeritus in Animal Sciences.

The Founding of SSR

Dr. Dziuk was the leader in establishing the Society for the Study of Reproduction on the campus of University of Illinois, 21 June 1967. He

organized the meeting after surveying a large number of people as to their interest in a new society. He served as chair of the first nominating committee. Dr. Dziuk served SSR in many capacities as a Director, Program Chair, on numerus committees, and as President in 1986.

Summary of Research Areas

Dr. Dziuk was a pioneer and a leader in a number of areas in reproductive physiology and had an illustrious career—as can be seen in more than 150 publications. He and his colleagues did early work on embryo transfer in several species; control of ovulation and timing of stages of oocyte development and fertilization; electroejaculation in several species; spacing, migration, and distribution of embryos in the uterus; requirements for maintenance of pregnancy; passage of steroids through polysiloxane for long-term administration of steroids; understanding of heterospermic insemination; control of parturition by the fetus; artificial insemination, pinealectomy, detection of pregnancy, and estimation of litter size; effect of xenobiotics on reproduction; and methods for anesthesia and surgery. The conclusions reached in Dr. Dziuk's studies have stood the test of time.

Silastic Implant

Whereas all of these different areas of research have had and continue to have a major impact on reproductive physiology, certainly one of the most far reaching discoveries was that steroids could pass through polysiloxane (silastic) tubing. The first demonstration of this major finding was published in *Endocrinology* (P.J. Dziuk and B. Cook, Endocr.78:208-211, 1966). Quickly after this seminal publication, Dr. Dziuk showed the use of a silastic implant to regulate estrus in cows and sheep. At the time of the original publication, little thought was given to the world-wide impact of this discovery. The silastic implant was the basis for the contraceptive, Norplant, and world-wide use today of steroid patches by women of all ages.

Renowned Graduate Students and Postdoctoral Fellows

Dr. Dziuk left an impressive legacy to reproductive physiology through the students he taught. Among this list are many familiar names: G. BeVier, R. Nowak, S. Moenter, R.D. Baker, D.S. Dhindsa, G.D. Niswender, J.F. Roche, S.K Webel, D.R.Hagan, J.M.Robl, P.J.Thomford, M.C. Wu, and others. His philosophy of expecting students to assume primary responsibility for their careers resulted in his providing an opportunity for the students to do research in an area of their choosing. His students received a broad exposure to questions and various approaches to studies in reproductive physiology.

Numerous National and International Awards

Dr. Dziuk was the recipient of numerous awards. A partial list follows: Lalor Fellowship (1958 and 1961); American Fertility Society Award for Achievement in research in reproduction in animals (1970); American Society of Animal Science Award for research in endocrinology and reproductive physiology (1971); Alexander von Humboldt Senior Scientist Award (1980); Fellow, American Society of Animal Science (1987); and Distinguished Service Award, SSR (1989).

Membership in Societies, Service to Societies, and Consultant

Dr. Dziuk was a member of six societies. He served SSR in many capacities and was President in 1986. For the American Society of Animal Science, he was the Physiology Section Chairman and served on many committees. He was a member of editorial boards and also served on NIH study sections. Further evidence of his expertise and knowledge in reproductive biology was the number of requests he received to serve as a consultant. He was a consultant to 11 industries and served as an expert witness in litigation with a focus on reproductive problems.

Served the US during World War II

Dr. Dziuk was always very proud, and rightfully so, of his service during World War II. He was in the Navy and was trained as an electronics engineer. He had a military funeral and was buried in Danville National Cemetery in Danville, Illinois, where more than 10,000 former service men and women are buried.

World Renowned Racquet Ball Player

Dr. Dziuk was an avid and outstanding racquet ball player. Practically every day at noon he would go the University of Illinois's intramural court, regardless of the duties of the day. He thoroughly enjoyed competing with younger players. Many times he would give them 18 points (game–21 points) and still beat them. The delight became greater as his hair turned gray, and he did not look like a treat to any racquet ball player. He won numerous awards in his age group. His office, with the many large medals, was comparative to that of an Olympic Star. Dr. Dziuk was truly an Olympic star—not just in racquet ball but also as a world-renowned reproductive physiologist and in the legacy he left us.

—Janice M. Bahr Past President of SSR University of Illinois, Urbana-Champaign

2015 Donors to SSR

The SSR sincerely thanks and acknowledges the following people, many of whom give not only their time and expertise to SSR and its journal, *Biology of Reproduction*, but also generously support SSR with a gift. You can, too. <u>http://www.ssr.org/Donations</u>

Diamond: ≥ \$10,000

William Hansel Virendra B. Mahesh

Platinum: \$5,000-\$9,999

Gold: \$2,500-\$4,999

Martin M. Matzuk

<u>Silver: \$1,000-\$2,499</u>

Janice M. Bahr Joanne Fortune Erwin Goldberg Mary Ann Handel Bruce D. Murphy R Michael Roberts Richard L. Stouffer Benjamin K. Tsang Carmen J. Williams Koji Yoshinaga

Bronze: \$250-\$999

Andrzej Bartke Fuller W. Bazer Robert C. Burghardt Hugh J. Clarke Mitch Eddy John J. Eppig Agnes Ewing David J. Handelsman Julia Lobotsky Bernard Robaire Richard M. Schultz Fredrick Stormshak Norihiro Sugino Barbara C. Vanderhyden Milo C. Wiltbank Mary B. Zelinski

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New and Updated Members as of February 2016

Please join us in welcoming the following new members to SSR and congratulating members who have updated their membership status and continue to support the mission of SSR through their membership. Encourage others to join SSR! <u>http://www.ssr.org/NewMembers</u>

Changed Emeritus Eddy, Mitch Eppig, John J Findlay, Jock Fischer, Bernd Leese, Henry J McNeilly, Alan Nett, Terry M Roser, Janet F Schneider, Ulrich Shalgi, Ruth Webb, Robert Wettemann, Robert P Winterhager, Elke Regular Anger, Martin Asano, Atsushi Bass, Casie S Hu, Jianjun Liang, Cheng-Guang Natale, David RC

Natale, David RC Pohler, Ky G Sloboda, Deborah M von Schalburg, Kristian R Winuthayanon, Wipawee

Trainee

Dadarwal, Dinesh Kordus, Richard J

New

Regular Daftary, Gaurang S Davies, Christopher J Kimura, Atsushi Magnuson, Terry Tsai, Pei-Shiue

Trainee

Addo, Rhea-Comfort A Ali, Asghar Arciniega, Estela Bairagi, Soumi Barnett, Scott D Beaud, Hermance Beedle, My-Thanh

Benham. Havley M Bidne, Katie L Bolt, Courtni R Braz Arcanjo, Rachel Brown, Rebecca Browne, James A Burks, Deion M Campen, Kelly A Clark, Zaramasina L Corder, Keely R Demvda Pevras. Sebastian E Dickson, Mackenzie J Durfey, Casey L Eskandari-Shahraki, Marzieh Fortin, Chloe Fullerton, Paul T Gadson. Sean Gant. Kristal L Ghaffari, Rashin Ghnenis, Adel B Grieve, Kelsey M Han, Peng Hart, Mariah L Hester, James M Horan, Sonia Tegan Iacovides. Sossi M Ibrahim. Dhafer J Iqbal, Khursheed Irie, Yuri Ito, Sayaka Jenkins, Laura Joao, Fabien Jung, Heejun Karthikeyan, Subbulakshmi Kim, Narae Kohan-Ghadr, Hamid Reza Kuo, Yu-Wen Kusama, Kazuya Lambo, Colleen Lee, Jaewang Li. Shuai Liebig, Bethany E Linari, Martina Liu, Hung-Ting Lu, Chen Marin, Diego Maslehat Lay, Nasim McClelland, Kathryn McWhorter, Erin S

Moraes, Joao Gabriel N Muraki, Tatsuya Musul, Biran Nelson, Raegan Nishie, Takumi Niu, Ziru Noda, Taichi Oestreich, Ann K Oh, Yeong Seok Pandey, Hari Om Pankey. Chris L Paulson, Erika E Peer. Natalie Piersanti, Rachel Lima Franca Pradhan, Bhola S Prosser. Stacia Z Rao. Arpitha N Reese, Sydney T Reyes, Juan M Richardson, Kadeem A Robinson, Cheyenne L Romoser, Matthew R Sakai, Shunsuke Santiago, Jamers Scanlan, Tawny N Seibert, Jacob T Singh, Ram P Siqueira, Luiz GB Smith, Ashley M Toothaker, Jessica M Ushiyama, Ai Vidimar, Vania Vijayana Pillai, Viju Wahid, Hanan Hamimi Wang, Bo Waqas, M Salman Watanabe, Yuri Wear, Hannah M Winters, Rebecca A Wozniak, Katherine L Wright, Kandis L Wu. Hao Wu, Ling Xu, Shan Yan, Chunmei Young, Coleman M Zhang, Bihong Zigo, Michal