

THE
TERATOLOGY
SOCIETY
BIRTH DEFECTS RESEARCH • EDUCATION • PREVENTION
EST. 1960

**World Spotlight:
Elevating Birth Defects Research**

**57th
Annual Meeting**

**June 24–28, 2017
Grand Hyatt Denver**

**President:
Sonja A. Rasmussen, MD, MS**

**Program Chair:
Alan M. Hoberman, PhD, DABT, ATS**

www.teratology.org

Denver, Colorado

Denver photo courtesy of VISIT DENVER.



Why Attend?

Birth defects and reproductive and developmentally-mediated disorders constitute a major public health concern in the world today. Human development can be affected not only by drugs and chemicals but also by diet, genetics, maternal health, and socioeconomic factors. The Teratology Society strives to understand and protect against potential hazards to developing embryos, fetuses, children, and adults by bringing together scientific knowledge from diverse fields such as cell and molecular biology, developmental biology and toxicology, reproduction and endocrinology, nutritional biochemistry, infectious diseases, genetics, and epidemiology, as well as the clinical disciplines of prenatal medicine, pediatrics, obstetrics, neonatology, medical genetics, and teratogen risk counseling.



"I really believe it is the bringing together of scientists from across disciplines that makes the Teratology Society Annual Meeting so powerful. It's researchers coming together to solve big challenges and making a difference in the lives of babies and families for generations to come."

—Sonja A. Rasmussen, MD, MS, Centers for Disease Control and Prevention

The Annual Meeting theme is "World Spotlight: Elevating Birth Defects Research." Come to Denver...

- To learn about the latest scientific research in birth defects, diseases of developmental origin, and cutting-edge technologies.
- For thought-provoking discussions with established experts in the field, new researchers, and students.
- To catch up with colleagues, make new friends, and network.

**Researchers • Clinicians • Epidemiologists • Toxicologists •
Pharmacologists • Reproductive Educators • Geneticists • Students •
Postdoctoral Fellows • Anyone Interested in Learning More about Causes
and Prevention of Birth Defects**

We welcome YOU.



Conference Overview

Where the Mile-High City Meets Cutting-edge Science— Welcome to Denver!

We invite you to experience the friendly and warm culture of the Teratology Society in Denver.

The Annual Meeting provides an opportunity for scientists at all stages of their careers to present their work, discuss results, and establish collaborative scientific interactions and network within a setting that encourages the open exchange of ideas and experimental findings. With this experience, they return home with enthusiasm to apply the latest ideas and technologies towards their current and future research in the important public health area of birth defects and other reproductive and developmental disorders.

The education courses offer a broad array of leading-edge educational topics. Sessions include renal development, providing an overview of prenatal development of the urinary system and developmental abnormalities of the kidneys; epigenetics, providing fundamental concepts of epigenetics and knowledge of recent relevant advances; and epidemiology, covering the basic concepts and study aimed at providing an introduction especially for those without direct experience in epidemiology.

The scientific sessions are focused on basic and clinical research and the application of new technologies. Topics for the scientific program represent active, timely research areas of high relevance to public health and significant usefulness to researchers in the fields of birth defects research and birth defects surveillance. Just a few exciting session topics on the agenda include:

- Managing the pregnant patient with chronic disease
- An update on the latest research findings regarding Zika virus and birth defects
- A look at the future of testing for birth defects
- The long-term outcome and quality of life of children with birth defects
- Metabolic diseases and pregnancy
- Emerging mechanisms and human consequences of fetal exposure to e-cigarettes and marijuana
- CRISPR/Cas9 technology and the study of birth defects
- Pregnancy registry updates

Calling all abstracts!

Take advantage of the opportunity to present your research during the meeting by submitting an abstract for poster or platform presentation. **SUBMITTING IS EASY** on www.teratology.org.

Some Agenda Highlights...

Education Courses:

- **Renal Development: Embryology, Renal Abnormalities and Teratogens, and Clinical Management and Treatment**
- **Epigenetics: A Primer**
- **Epidemiology: Basic Concepts, Study Designs, and Practical Applications**

Symposia:

- **Wiley-Blackwell Symposium—Developmental Metabolism: Consequences to and from Neural Lineages**
- **Pregnancy Registry Updates**
- **Evaluation of Fetal Risk in the Context of Multiple Co-Exposures**
(joint with RSA Fetal Alcohol Spectrum Disorders Study Group)
- **March of Dimes Symposium—The Complexities of Caring for the Pregnant and Lactating Patient with Chronic Inflammatory Disease: Maternal and Fetal Considerations**
- **Male Breast Health: The Role of Developmental Exposures on Childhood and Adult Outcomes**
- **The Toxicology of Tobacco Smoke and E-Cigarette Use during Pregnancy**
- **Global Burden of Disease: Mortality and Survival in Infants Born with Birth Defects**
(joint with National Birth Defects Prevention Network)
- **Marijuana and Child Development**
- **An Update on the Zika Virus**

Workshops:

- **ILSI HESI Workshop—Redesigning the Embryofetal Developmental Toxicity Study: Evolution or Revolution?**
- **Graduate Student/Postdoctoral Fellow Professional Development Workshop— Effective Communication: Platforms, Posters, and Professional Settings**
- **The Uses of CRISPR/Cas9 Technology**
- **From Front Page to the Digital Stage: How to Keep Research Relevant through Modern Media**

Special Lectures, Recognition, and Awards:

- **Keynote Address– Cannabis in Colorado: The Impact of Legalization on Children and Families**
(Larry Wolk, Colorado Department of Public Health and Environment)
- **Josef Warkany Lecture— Where You Live Matters: Why Do Poor Pregnancy Outcomes Differ by Geography and What Can We Do About It?**
(Jeffrey Murray, University of Iowa)
- **Thomas H. Shepard Lecture**
- **F. Clarke Fraser New Investigator Award**
- **James G. Wilson Publication Award**
- **Patricia Rodier Mid-Career Award for Research and Mentoring**
- **Celebrating the Life of Thomas H. Shepard**
- **Robert L. Brent Lecture: Teratogen Update**
(Jan M. Friedman, University of British Columbia)
- **Narsingh Agnish Fellow Lecture**
- **Teratology Society and European Teratology Society Exchange Lecture—Collecting Data on Variation: How Important to Assess Developmental Toxicity?**

Plus platforms, posters, awards, and much more!

The Teratology Society is pleased to be able to hold our Annual Meeting concurrently with the Annual Meetings of the Developmental Neurotoxicology Society (DNTS) and Organization of Teratology Information Specialists (OTIS). In addition, this year, the Research Society on Alcoholism (RSA) Annual Meeting is taking place concurrently just a few blocks away.

Concurrent meetings allow for joint sessions and the opportunity for networking between attendees, enriching the exchange of scientific ideas for all participants.

Visit the meeting website to view the detailed agenda and information about the meeting.

Just for Students and Postdoctoral Fellows

Develop Your Career and Expand Your Network

Students and postdoctoral fellows meet with established members of the Society for informal discussion and networking at a variety of events, both social and scientific.

Present Your Work and Receive a Travel Award

Graduate students and postdoctoral fellows are encouraged to submit abstracts for consideration in a poster or platform session. Students and postdoctoral fellows who present an abstract at the Teratology Society Annual Meeting are eligible to receive a \$500 travel award. More information on Travel Awards and a Room Sharing Program are on www.teratology.org.



"One can discover new passions and career interests just by attending the talks and seminars. Being a part of the Society is a great way to meet experienced professionals and scientists who provide valuable career advice and guidance."

– Nazem El Hussein, PhD Candidate, McGill University

Key Deadlines:

Abstract Submission: February 15, 2017

Student/Postdoctoral Travel Award Application: February 15, 2017

Early Bird Registration: February 22, 2017

Room Sharing Program: May 6, 2017

Advance Registration: May 15, 2017

Hotel Reservation: May 30, 2017



Accommodations

Make plans early to attend the meeting at the Grand Hyatt Denver in Denver, Colorado.

The conference rate is \$189 for single/double occupancy. Based on availability, the meeting rate is available three days prior to and three days past the meeting.

Limited rooms are available for students at a reduced rate. You must reserve your room prior to May 30, 2017. All rates are subject to applicable taxes, currently 14.75%. Reservations can be made by calling direct 800.233.1234 and telling the reservation department that you are a Teratology Society meeting participant or by reserving a room online through the Annual Meeting website.

Room Sharing Program

This program is designed to help attendees reduce their cost of attending the Annual Meeting. The Room Sharing Program is open to all Teratology Society Annual Meeting attendees. For updated information and important room sharing deadlines, visit www.teratology.org/meetings/2017.

Stay at the meeting hotel to help the Teratology Society meet its contractual obligations and keep registration fees reasonable.

Thank You for Your Support!

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