

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

49th Annual Meeting

*Gene-Environment
Interactions: Impact on
Maternal and Child Health*

The Wyndham
Rio Mar Resort
Puerto Rico
June 27–July 1, 2009





49th Annual Meeting



Why Attend the 2009 Teratology Society Meeting?

The 49th Annual Meeting of the Teratology Society will be June 27–July 1, 2009, in Rio Grande, Puerto Rico. The theme of the 2009 scientific program is “Gene-Environment Interactions: Impact on Maternal and Child Health.” The topics for discussion under this theme will range from the latest findings in basic research on the developmental basis of adult disease to the epidemiology, underlying mechanisms and management of such common problems as prematurity and maternal obesity. A joint TS, NBTS, and OTIS symposium will focus on global issues in maternal and child health. Hot topics of discussion include the use of natural herbal products during pregnancy and the role of genes and the environment in autism. Considerations of how to ensure drug safety, both during pregnancy and in children, will encompass approaches that range all the way from studies in non-human primates to computational toxicology.

This year’s meeting format will once again be condensed to four days. In addition, the Education Course will be offered in two parts on Saturday. The two poster sessions will be held in the evening on Monday and Tuesday. The meeting will conclude on Wednesday with the banquet.

Obtain the latest meeting information, register on-line or download a registration form *via* the Society’s Web site at www.teratology.org.

Scientific Program

The 2009 Program Committee of the Teratology Society, partnering with the Organization of Teratology Information Specialists (OTIS); and Neurobehavioral Teratology Society (NBTS), has arranged for an outstanding and expansive scientific program. The program for the Teratology Society Annual Meeting includes three education courses, nine cutting-edge scientific symposia, three state-of-the-art lectures, and two lunch box sessions. There are also opportunities for open research communications such as platform talks and poster presentations. The session topics address newer concepts in the field and are likely to generate lively interaction. For more information about the 2009 Annual Meeting Program please visit the Society’s Web site at www.teratology.org.

Registration Information

The early bird registration deadline is February 18, 2009. Members of the Teratology Society who have paid their 2009 dues benefit from a reduced registration fee for the meeting. Emeritus members, students and postdoctoral fellows are also eligible for lower registration fees. Members of the Teratology Society and OTIS or NBTS are eligible for a reduced combined meeting registration fee. Non-member registrants who apply and are approved for membership will have their 2010 dues waived.

The registration fee includes a number of food and beverage functions, as well as the administrative costs for the meeting. The functions include the banquet, breakfast, and coffee and refreshment breaks. This year, the registration fee also includes a boxed lunch on Sunday and Tuesday. We will have a Welcome Reception on Sunday and a reception during each of the poster sessions. The Registration Form can be found on pages 8 and 9 or you may register on-line through the Society’s Web site at www.teratology.org.

Sponsorship Opportunities

Sponsorship opportunities are available for the 2009 Teratology Society Annual Meeting. For more information about sponsorship opportunities please visit the Teratology Society Web site at www.teratology.org or contact Becca Rhame at brhame@teratology.org.

Exhibits

Exhibitors will feature state-of-the-art products and services related to the advancement of research within teratology. At the exhibits, scientists will have a first-hand opportunity to talk with exhibitors, examine and learn about the products and services on display. Companies interested in exhibiting should contact Liz Kasabian at Teratology Society Headquarters, lkasabian@teratology.org or (703) 438-3104.

Abstract Submission

Presenting an abstract at the Annual Meeting provides a way to share your research with your colleagues, gives you an opportunity to meet people from all over the world who are interested in similar research topics, and is an invaluable networking tool.

Abstracts are submitted electronically through the Teratology Society Web site (www.teratology.org). The first step to submit an abstract is to create your ID and password, please note that the e-mail used during this process will be the e-mail address used for all correspondence regarding abstract submission and assignment. Submission is quick and easy, if you have any questions please contact Becca Rhame at brhame@teratology.org. *The deadline for abstract submission is February 18, 2009.*

Student and Postdoctoral Fellow Activities

There are several award and networking opportunities for students and postdoctoral fellows attending the Teratology Society Annual Meeting. Information about these activities are posted on the Society’s Web site and include:

- Student/Postdoctoral Fellow Travel Awards
- MTA/MARTA Student Career Event
- Student/Postdoctoral Fellow Presentation Awards
- FASEB MARC Awards
- Student/Postdoctoral Fellow Room Share Program

Agenda

About the Venue—Wyndham Río Mar Resort

The Wyndham Río Mar Resort is a smoke-free hotel that offers a wonderful family environment and activities for all interests. It features one mile of white sandy beach; two championship golf courses, putting green and driving range; 13 tennis courts; Mandra Spa; an extensive health club; nature trails; casino; and an array of exciting water sports including jet skiing, snorkeling, and scuba diving. Register with the Wyndham Rewards program to receive free internet in your room as well as other benefits. The Wyndham Río Mar Resort address is 6000 Río Mar Boulevard, Río Grande, Puerto Rico 00745-6100; Phone (787) 888-6000.

Accommodations

You are encouraged to make plans early to attend the meeting in Puerto Rico. In contrast to clusters of hotels available at meetings held in large cities, the Wyndham Río Mar Resort is a 500-acre property and there are no other hotels in close proximity.

The meeting rate is \$167, inclusive of the resort fee, for single/double occupancy. There are a limited number of rooms that have been set aside for students at a reduced rate of \$120, inclusive of the resort fee. There are no government room rates for this meeting since the meeting rate is less than the government rate for this venue.

You must reserve your room prior to May 15. It is the policy of the Wyndham Río Mar to charge a 2 night deposit when the reservation is made. All rates are subject to applicable taxes, currently 11%. For more information about accommodations please visit the Society's Web site.

Important Deadline Dates to Remember:

On-Line Abstract Submission:
February 18, 2009

Early Bird Registration:
February 18, 2009

Advance Registration:
May 15, 2009

Hotel Reservation:
May 15, 2009

Pre-Registration:
June 19, 2009

Friday, June 26

3:00 PM–6:00 PM **Council 1A Meeting**

Saturday, June 27

7:00 AM–6:00 PM **Registration**

7:30 AM–8:00 AM **Education Course: Coffee and Continental Breakfast**

8:00 AM–11:45 AM **Education Course
Session 1: Epigenetic Mechanisms
(Separate registration required)**

*Organized by the Education Committee
Chairperson: Tacey E. White,
GlaxoSmithKline*

8:00 AM–8:10 AM

Welcome

*Christina D. Chambers,
Teratology Society President*

8:10 AM–8:25 AM

Narsingh Agnish Fellowship

8:25 AM–8:30 AM

Introduction and Course Overview

*Speaker: Education Committee Chairperson,
Tacey E. White, GlaxoSmithKline*

8:30 AM–9:15 AM

Chromatin Structure and Histone Modifications

Speaker: Sarah Kimmins, McGill University

9:15 AM–10:00 AM

DNA Methylation

Speaker: Jacquetta M. Trasler, McGill University

10:00 AM–10:15 AM

Break

10:15 AM–11:00 AM

Imprinting and X-Inactivation

Speaker: Martha Susiarjo, University of Pennsylvania Medical School

11:00 AM–11:45 AM

Epigenetics and the Developmental Origins Hypothesis

Speaker: Robert A. Waterland, Baylor College of Medicine

11:45 AM–1:45 PM

Lunch on your own

12:00 NOON–12:30 PM **Register of Fetal Morphologists:
Web Based Training Program,
Practical Assessment, and
Continuing Professional
Development**

Speaker: Julian M. French, AstraZeneca

12:15 PM–1:30 PM

**Teratology Society
XXVIII Annual Volleyball Game
(Open to all attendees)**

Agenda

1:45 PM–5:30 PM

Education Course

Session 2: Adult Disease Outcomes of Developmental Programming

(Separate registration required)

Organized by the Education Committee
Tacey E. White, Chairperson,
GlaxoSmithKline

1:45 PM–2:15 PM

Session 2 Introduction: Historical Perspectives of Developmental Origins of Health and Disease (Barker Hypothesis, Thrifty Phenotype, and Plasticity)

Speaker: Jerry J. Heindel, National Institute of Environmental Health Sciences

2:15 PM–3:00 PM

Metabolic Syndrome (Obesity, Diabetes, and Dyslipidemia)

Speaker: Peter Nathanielsz, The University of Texas Health Science Center at San Antonio

3:00 PM–3:15 PM

Break

3:15 PM–4:00 PM

Cardiovascular and Kidney Function

Speaker: Robert G. Ellis-Hutchings, The Dow Chemical Company

4:00 PM–4:45 PM

Neurobehavioral/Psychiatric Function

Speaker: Ezra S. Susser, Columbia University

4:45 PM–5:30 PM

Cancer

Speaker: Gail S. Prins, University of Illinois, Chicago

6:30 PM–9:30 PM

Council 1B Meeting and Committee Reports

Sunday, June 28

7:30 AM–7:00 PM

Registration

7:30 AM–8:00 AM

Coffee and Breakfast

8:00 AM–8:15 AM

President's Welcome

8:15 AM–9:15 AM

Josef Warkany Lecture (Joint TS/OTIS)

Clinical Teratology: In Bed with the Devil?

Speaker: Jan M. Friedman, University of British Columbia

9:15 AM–11:45 AM

Student/Postdoctoral Fellow Platform Session 1

12:15 PM–1:15 PM

Joint TS/OTIS Lunch Box Session 1

Brent Lecture: Use of Natural Herbal Products during Pregnancy

Chairperson: Janee Van Waes, University of Nebraska

Speaker: Gideon Koren, Hospital for Sick Children

1:15 PM–1:45 PM

F. Clarke Fraser Award

Speaker: Louise Winn,
Queen's University

1:45 PM–2:15 PM

James G. Wilson Publication Award

2:15 PM–3:15 PM

Progress in Providing Safe and Effective Drugs for Use in Children

(European Teratology Society and Teratology Society Exchange)

Chairperson: Jochen Buschmann,
Fraunhofer

European Teratology Society Speaker:
Luc de Schaepdrijver, Janssen
Pharmaceutica, Johnson & Johnson

Teratology Society Speaker:
Melissa Tassinari, Pfizer Inc.

3:15 PM–3:30 PM

Break

3:30 PM–6:00 PM

March of Dimes Symposium Prematurity: A Clinical Dilemma

Chairpersons: Michael Katz, March of Dimes and Jose Cordero, University of Puerto Rico Graduate School of Public Health

3:30 PM–3:40 PM

Introduction

Speaker: Michael Katz, March of Dimes

3:40 PM–4:15 PM

Global Prevalence and Opportunities for Intervention in Middle- and Low-Income Countries

Speaker: Christopher P. Howson, March of Dimes

4:15 PM–4:25 PM

Prematurity in Puerto Rico

Speaker: Jose F. Cordero, University of Puerto Rico Graduate School of Public Health

4:25 PM–4:55 PM

Role of Infection and Inflammation

Speaker: Roberto Romero, National Institute of Child Health and Human Development

4:55 PM–5:25 PM

Genetic and Genomic Analysis of Preterm Birth

Speaker: Louis J. Muglia, Vanderbilt University Medical Center

5:25 PM–5:55 PM

Preterm Labor: Signals and Mechanisms Revealed in Animal Models

Speaker: Stephen J. Lye, Samuel Lunenfeld Research Institute

5:55 PM–6:00 PM

Conclusions

6:00 PM–8:00 PM

Joint TS/NBTS/OTIS Welcome Reception

Agenda

Monday, June 29

- 7:30 AM–6:00 PM Registration**
- 7:30 AM–8:00 AM Coffee and Breakfast**
- 8:00 AM–9:00 AM Joint TS/OTIS State-of-the-art Lecture 1**
Fetal Origins of Adult Disease
Chairperson: John Rogers, U.S. Environmental Protection Agency
Speaker: Peter Nathanielsz, The University of Texas Health Science Center at San Antonio
- 9:00 AM–11:45 AM Joint TS/OTIS Symposium**
Maternal Obesity and Pregnancy
Chairpersons: Jerry J. Heindel, National Institute of Environmental Health Sciences and Claudia Kappen, Pennington Biomedical Research Center
- 9:00 AM–9:05 AM Introduction**
- 9:05 AM–9:40 AM Prevalence of Maternal Obesity and Pregnancy Complications**
Speakers: Sonja A Rasmussen, Centers for Disease Control and Prevention
- 9:40 AM–10:15 AM Animal Models, Mechanisms**
Speaker: Leslie P. Kozak, Pennington Biomedical Research Center
- 10:15 AM–10:30 AM Break**
- 10:30 AM–11:05 AM Developmental Epigenetics of the Hypothalamus**
Speaker: Robert A. Waterland, Baylor College of Medicine
- 11:05 AM–11:40 AM Management of the Obese Gravidia: Present and Future**
Speaker: Brian J. Koos, David Geffen School of Medicine at UCLA
- 11:40 AM–11:45 AM Conclusions**
- 11:45 AM–1:15 PM Past Presidents' Luncheon (By invitation only)**
- 11:45 AM–1:15 PM Lunch on your own**
- 1:15 PM–3:15 PM Joint TS/NBTS Platform Session 2**
- 1:15 PM–3:15 PM Joint TS/OTIS Platform Session 3**
- 3:15 PM–3:30 PM Break**

3:30 PM–5:30 PM

Autism: Genes and the Environment Symposium

Chairpersons: Christina D. Chambers, University of California, San Diego and Christopher J. Stodgell, University of Rochester School of Medicine and Dentistry

3:30 PM–3:35 PM

Introduction

3:35 PM–4:00 PM

Overview of the Epidemiology of Autism Spectrum Disorder and Approaches to Defining Causes

Speaker: Craig J. Newschaffer, Drexel University School of Public Health

4:00 PM–4:25 PM

The Autisms: Disorders of the Developing Brain with Public Health Implications

Speaker: Edwin Trevathan, National Center on Birth Defects and Developmental Disabilities, CDC

4:25 PM–4:50 PM

Pregnancy/Birth Cohorts and Autism Spectrum Disorder

Speaker: Ezra S. Susser, Columbia University

4:50 PM–5:15 PM

Genetic Risk Factors for Autism Spectrum Disorder and Gene/Environment Interaction

Speaker: Christopher J. Stodgell, University of Rochester School of Medicine and Dentistry

5:15 PM–5:30 PM

Panel Discussion

5:30 PM–7:30 PM

TS/NBTS/OTIS Joint Poster Session and Exhibits Open

7:30 PM–9:30 PM

MARTA/MTA Student Career Event



Agenda

Tuesday, June 30

- 7:00 AM–5:00 PM Registration**
- 6:30 AM–7:00 AM Sunrise Mini Course
Coffee and Breakfast**
- 7:00 AM–8:30 AM Sunrise Mini Course
The Use of Small Nucleotide
Polymorphism (SNP) Screening
in Diagnosis and Treatment**
(Separate registration required)
*Organized by the Education Committee
Chairperson, Tacey E. White,
GlaxoSmithKline*
- 7:00 AM–7:45 AM The Identification of SNPs That
Predispose to Birth Defects, and Their
Relation to Environmental Factors**
*Speaker: A. Steven Whitehead, University of
Pennsylvania*
- 7:45 AM–8:30 AM International HapMap Project:
The Use of SNP Screening to Identify
Pharmacogenetic Determinants of Drug
Response**
*Speaker: Terreira S. Jones, University of
Tennessee, Memphis and St. Jude's Hospital*
- 7:45 AM–8:15 AM Coffee and Breakfast**
- 8:30 AM–9:30 AM Joint TS/NBTS/OTIS State-of-the-
Art Lecture 2
Environment and Child Health**
*Chairperson: Elaine Faustman,
University of Washington*
*Speaker: Lizbeth Lopez Carrillo,
Nacional Institute of Public Health,
Mexico*
- 9:30 AM–12:15 PM Joint TS/NBTS/OTIS Symposium
Global Issues in Maternal
and Child Health**
*Chairpersons: Gary Kimmel and Carole
Kimmel, Private Consultants*
- 9:30 AM–9:35 AM Introduction**
- 9:35 AM–10:10 AM HIV and Perinatal Transmission**
*Speaker: Clemente Diaz, University of Puerto
Rico School of Medicine*
- 10:10 AM–10:45 AM Environmental Disasters and Children's
Health**
*Speaker: Phil Landrigan, Mount Sinai School
of Medicine*
- 10:45 AM–11:00 AM Break**
- 11:00 AM–11:35 AM Maternal and Child Nutrition:
Long Term Impact on Disease**
*Speaker: Linda S. Adair, The University of
North Carolina, Chapel Hill*

- 11:35 AM–12:10 PM Malaria: Maternal and Childhood
Consequences**
*Speaker: Melba Gomes, World Health
Organization, Geneva Switzerland*
- 12:10 PM–12:15 PM Conclusions**
- 12:30 PM–1:30 PM Lunch Box Session 2
2008 in Review: Recent
Controversies in Teratology**
Chairperson: Karen Filkins
Speaker: Melissa Tassinari, Pfizer Inc.
- 1:30 PM–3:30 PM Platform Session 4**
- 3:30 PM–3:45 PM Break**
- 3:45 PM–5:45 PM ILSI/HESI Symposium
Maternal Toxicity and Its
Impact on Study Design
and Data Interpretation**
*Chairpersons: James Kim, ILSI Health
and Environmental Sciences Institute and
Rochelle Tyl, RTI International*
- 3:45 PM–4:00 PM Overview and Background**
*Speaker: Ronald D. Hood, Ronald D. Hood &
Associates*
- 4:00 PM–4:15 PM Exaggerated Pharmacology Versus True
Toxicity, Part 1**
*Speaker: Bengt Danielsson, PharmaNet
Services GmbH*
- 4:15 PM–4:30 PM Exaggerated Pharmacology Versus True
Toxicity, Part 2**
Speaker: Meredith S. Rocca, Amgen
- 4:30 PM–4:45 PM Relationships of Maternal and Fetal
Weight Changes in Developmental
Toxicology Bioassays**
*Speaker: Neil Chernoff, U.S. Environmental
Protection Agency*
- 4:45 PM–5:00 PM Regulatory Perspectives and Case
Studies**
*Speaker: Wafa Harrouk, U.S. Food and Drug
Administration*
- 5:00 PM–5:45 PM Round Table Discussion**
- 5:45 PM–7:45 PM TS/NBTS Joint Poster Session and
Exhibits Open**



Agenda

Wednesday, July 1

- 8:00 AM–2:00 PM Registration**
- 7:30 AM–8:00 AM Coffee and Breakfast**
- 8:00 AM–9:00 AM Joint TS/NBTS State-of-the-Art Lecture 3**
Monkey Models for Studies of Maternal and Child Health: When and Why?
Chairperson: Kimberly Grant, University of Washington
Speaker: Deborah C. Rice, Maine Department of Environmental Health and Disease Prevention
- 9:00 AM–10:30 AM MTA/MARTA Symposium**
Non-Human Primates as Preclinical Models for Toxicity Evaluation
Chairpersons: Mildred Christian, Argus International, Inc. and Ali S. Faqi, MPI Research
- 9:00 AM–9:10 AM Introduction**
- 9:10 AM–9:45 AM The Cynomolgus Monkey as a Preclinical Model for Developmental and Reproductive Toxicity Evaluation**
Speaker: Gerhard Weinbauer, Covance Laboratories
- 9:45 AM–10:20 AM The African Green Monkey Held in Social Colonies as a Model: Mating, Fertility, Gestation, and Ultrasound Assessment of Pregnancy Outcomes**
Speaker: D. Eugene Redmond, Jr., Yale University and RxGen, Inc.
- 10:20 AM–10:30 AM Discussion and Conclusions**
- 10:30 AM–11:00 AM Warkany Tea**
- 11:00 AM–1:00 PM Public Affairs Committee Symposium**
To Treat, or Not, during Pregnancy?
Chairpersons: Patricia Bittner, U.S. Consumer Product Safety Commission and Cecilia A. Lyons Gaffaney, Obstetrix Medical Group
- 11:00 AM–11:05 AM Introduction**
Speaker: Patricia Bittner, U.S. Consumer Product Safety Commission
- 11:05 AM–11:40 AM Placental Transfer of Drugs and Infectious Agents**
Speaker: Richard Miller, University of Rochester
- 11:40 AM–12:20 PM Cytomegalovirus and Toxoplasmosis in Modern Obstetrics: Diagnosis, Management and Pregnancy Outcomes**
Speaker: Jeanne Sheffield, Southwestern University

12:20 PM–12:55 PM

SSRIs: To Treat or Not to Treat
Speaker: Asher Ornoy, Hebrew University Hadassah Medical School

12:55 PM–1:00 PM

Conclusions
Speaker: Cecilia A. Lyons Gaffaney, Obstetrix Medical Group

1:00 PM–2:00 PM

Lunch on your own

2:00 PM–4:30 PM

Wiley-Blackwell Symposium
Gene Regulatory Networks in Developmental Biology and Computational Toxicology
Chairpersons: Elaine Z. Francis, Chair, Publications Committee and Thomas Knudsen, U.S. Environmental Protection Agency

2:00 PM–2:05 PM

Introduction
Speaker: Publications Committee Chairperson, Elaine Z. Francis, U.S. Environmental Protection Agency

2:05 PM–2:25 PM

Developmental Aspects of Computational (In Silico) Toxicology
Speaker: Robert J. Kavlock, U.S. Environmental Protection Agency

2:25 PM–2:50 PM

Gene Regulatory Networks in Neural Crest Formation
Speaker: Marianne Bronner-Fraser, California Institute of Technology

2:50 PM–3:15 PM

Gene Regulatory Networks in Developmental Toxicity: Sea Urchin Model
Speaker: Michael D. Collins, UCLA School of Public Health

3:15 PM–3:40 PM

Modeling Toxicity Pathways Using Integrative Genomics and Systems Biology: Nephrogenesis
Speaker: Kenneth S. Ramos, University of Louisville

3:40 PM–4:05 PM

Identifying Toxicity Pathways with High-Throughput Screening Data: ToxCast
Speaker: David J. Dix, U.S. Environmental Protection Agency

4:05 PM–4:30 PM

Wrap-Up: Challenges for Regulatory Toxicology and Legislation
Speaker: Aldert H. Piersma, RIVM, Bilthoven

4:30 PM–6:00 PM

Business Meeting and Reports from BDR Editors

6:30 PM–10:00 PM

Reception and Banquet

Thursday, July 2

7:00 AM–10:00 AM

Council 2 Meeting

REGISTRATION FORM

Teratology Society 49th Annual Meeting • June 27–July 1, 2009 • Puerto Rico



Please print or type: Member Non-Member *(Please check the appropriate box.)*

Name: _____

Affiliation: _____

Department: _____

Street Address: _____

City/State/Zip/Country: _____

Telephone Number: _____ Fax Number: _____

E-mail Address: _____

I require the following special accommodations for accessibility: _____

For Office Use Only •
Date Received: _____
Input: Initials: _____

Is this a new employer?
 Yes No

Is this a new address?
 Yes No

Registration Fees:

	Early Bird Registration (Received by Feb. 18)	Advance Registration (Received Feb. 19–May 15)	Pre-and On-Site Registration (After May 15)	\$ _____
Member	\$495	\$520	\$545	\$ _____
Emeritus Member	\$335	\$360	\$385	\$ _____
Member Joint NBTS Registration	\$662	\$662	\$735	\$ _____
Member Joint OTIS Registration	\$642	\$642	\$705	\$ _____
Non-Member*	\$695	\$720	\$745	\$ _____
Graduate Student/Postdoctoral Fellow <i>(Circle one)</i>	\$305	\$330	\$355	\$ _____
Adult Guest <i>(List name below)</i>	\$450	\$475	\$500	\$ _____
One Day–Member <i>(Day attending _____)</i>	\$295	\$320	\$345	\$ _____
One Day–Non-Member <i>(Day attending _____)</i>	\$370	\$395	\$420	\$ _____
One Day–Student <i>(Day attending _____)</i>	\$200	\$225	\$250	\$ _____

Method of Payment:

Please make all checks or credit charges payable to the Teratology Society in U.S. currency.

Government Purchase Order #: _____
(Government P.O. Form must be attached.)

Check or Money Order #: _____

MasterCard Visa AMEX Discover

Credit Card #: _____ Expiration Date: _____

Signature: _____

Cardholder's Printed Name: _____

If cardholder is different from registrant, please include cardholder's telephone number: (_____) _____

Registration Fee(s) (from part 1) \$ _____

Education Courses (from part 2) \$ _____

Mini Course (from part 2) \$ _____

TOTAL DUE \$ _____

Mail completed two-page form with remittance to:
Teratology Society, Meeting Registration
 1821 Michael Faraday Drive, Suite 300, Reston, VA 20190-5348.
 Fax (Credit Card Payments ONLY): (703) 438-3113. Government purchase orders may not be faxed; they must be mailed with the Registration Form.

** Includes first-year membership dues if an application is received during the Annual Meeting or is submitted with the Registration Form.
 Membership Applications can be downloaded from the Teratology Society Web site (www.teratology.org).
 Registration forms will be accepted by the Business Office until June 23. After June 23 you will need to register at the meeting.*



REGISTRATION FORM

Teratology Society 49th Annual Meeting • June 27–July 1, 2009 • Puerto Rico

Name: _____

Education Course Fees:

	Early Bird Registration (Received by Feb. 18)	Advance Registration (Received Feb. 19–May 15)	Pre-and On-Site Registration (After May 15)	
<i>SESSION 1 (Morning Course Only)</i>				
Member	\$185	\$205	\$230	\$ _____
Emeritus Member	\$60	\$80	\$105	\$ _____
Non-Member	\$245	\$265	\$290	\$ _____
Graduate Student/Postdoctoral Fellow	\$50	\$70	\$95	\$ _____

SESSION 2 (Afternoon Course Only)

Member	\$185	\$205	\$230	\$ _____
Emeritus Member	\$60	\$80	\$105	\$ _____
Non-Member	\$245	\$265	\$290	\$ _____
Graduate Student/Postdoctoral Fellow	\$50	\$70	\$95	\$ _____

BOTH SESSIONS (AM & PM)—COMBINED REGISTRATION

Member	\$330	\$350	\$375	\$ _____
Emeritus Member	\$95	\$115	\$140	\$ _____
Non-Member	\$390	\$410	\$435	\$ _____
Graduate Student/Postdoctoral Fellow	\$85	\$105	\$130	\$ _____

Mini-Course Fees:

Member	\$55	\$60	\$65	\$ _____
Emeritus Member	\$45	\$50	\$55	\$ _____
Non-Member	\$85	\$90	\$95	\$ _____
Graduate Student/Postdoctoral Fellow	\$35	\$40	\$45	\$ _____

There is a \$20 charge for cancellation of the Education Course or Meeting Registration before May 15, 2009. No refunds after May 15, 2009.

Teratology Society Annual Meeting registrants grant the Teratology Society permission to reproduce, copy, and publish photographs taken at the Annual Meeting unless written notification by the registrant, stating otherwise, is submitted to the Teratology Society headquarters office prior to the Annual Meeting or while registering on-site.

On-Line Abstract Submission
Deadline: February 18, 2009

Early Bird Registration
Deadline: February 18, 2009

Advance Registration
Deadline: May 15, 2009

Hotel Reservation
Deadline: May 15, 2009

Pre-Registration
Deadline: June 19, 2009

For updated information,
visit: www.teratology.org

*All text and graphics are © 2009 by the Teratology Society unless noted.
All Puerto Rico photographs are courtesy of the Puerto Rico Convention and
Visitors Bureau and the Wyndham Rio Mar.*



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

1821 Michael Faraday Drive
Suite 300
Reston, VA 20190-5348