Special Interactivity Feature: Summit participants with Wi-Fi capable laptops will be able to connect to a CHE-sponsored blog to register thoughts and questions as an alternative/additional way to join session dialogue, real time. Session moderators may monitor the blogosphere to incorporate commentary and queries where possible and as appropriate. CHE and UCSF are committed to civil, constructive blogosphere discourse, and this opportunity to record participant input.

SUNDAY JANUARY 28, 2007 – BACKGROUND AND CONTEXT

12:30pm Poster Set-up
Registration and help desk open

1:30 – 2:30pm Pre-Conference Session:
Introduction to Reproductive Biology, Development and Toxicology
Moderator: Tracey Woodruff, PhD, MPH
Co-Lecturers: L. Earl Gray, Jr., PhD; Frederick vom Saal, PhD

3:00 – 3:10pm Welcome
Linda C. Giudice, MD, PhD, MSc; Philip R. Lee, MD

3:10 – 3:40pm Opening Panel: What is This Summit About? Setting the Stage, Posing the Central Questions
Moderator: Linda C. Giudice, MD, PhD, MSc
Panelists: Ted Schettler, MD, MPH; Patricia Hunt, PhD; Brenda Eskenazi, PhD, MPH; Jerrold Heindel, PhD; Pamela Madsen; Tina Eshaghpour; Edith T. Eddy, MEd

3:40 – 4:15pm Lessons Learned From Wildlife and Experimental Animal Data
Moderator: Linda C. Giudice, MD, PhD, MSc
Lecturer: Louis J. Guillette, Jr., PhD
Respondent: Tyrone B. Hayes, PhD
Plenary Q & A

4:15 – 4:25 BREAK

4:25 – 5:00pm New Conceptual Frameworks and Challenges in the Investigation and Practice of Environmental Reproductive Health
Moderator: Linda C. Giudice, MD, PhD, MSc
Co-Lecturers: John Peterson Myers, PhD; Ted Schettler, MD, MPH
Plenary Q & A
MONDAY JANUARY 29, 2007 – SCIENCE OVERVIEWS

8:00 – 8:05am Recap of Sunday  Speaker: Andrea C. Gore, PhD

8:05 – 8:40am Genes, Environment and Reproductive Health
Moderator: Renee A. Reijo-Pera, PhD
Lecturer: Louis J. Guillette, Jr. PhD
Plenary Q & A

8:40 Stand and Stretch BREAK

8:45 – 10:15am Review I: Fetal and Early Postnatal Environmental Contaminant Exposures and Reproductive Health Effects in the Male ♂
Session Chair: L. Earl Gray, Jr., PhD
Co-presenters: Richard Sharpe; PhD; Niels E. Skakkebaek, MD
Recent data report: Shanna H. Swan, PhD
Respondent Panel: Laurence S. Baskin, MD; Rex A. Hess, PhD; Gail S. Prins, PhD;
Plenary Q & A/Discussion

10:15 – 10:30 BREAK

10:30 – 11:55am Review II: Fetal and Early Postnatal Environmental Contaminant Exposures and Reproductive Health Effects in the Female ♂
Session Chair: Kevin G. Osteen, PhD
Co-presenters: Cheryl Lyn Walker, PhD; Teresa K. Woodruff, PhD
Recent data report: Hugh Taylor, MD
Respondent Panel: Warren G. Foster, PhD; Patricia B. Hoyer, PhD; Retha R. Newbold, MS
Plenary Q & A/Discussion

11:55 – 12:00pm Health-Affected Group Representative Plenary Response to the morning’s presentations
Speaker: Mary Lou Ballweg

12:00 – 1:00pm LUNCH AND LUNCH CIRCLES
Summit participants sign up for Monday lunch circle/topic of choice first come, first served basis during on-site registration beginning Sunday at 12:30pm.

1:05 – 2:20pm Review III: Science Linking Environmental Contaminant Exposures with Fertility and Reproductive Health Impacts in the Adult Male ♂
Session Chair: Susan Benoff, PhD
Co-presenters: Russ Hauser, MD, ScD, MPH; Rebecca Z. Sokol, MD, MPH
Recent data report: Susan Benoff, PhD
Respondent Panel: Michael P. Diamond, MD; Bernard Robaire, PhD; Paul J. Turek, MD
Plenary Q & A/Discussion

2:20 – 2:30 BREAK

2:30 – 3:40pm Review IV: Science Linking Environmental Contaminant Exposures with Fertility and Reproductive Health Impacts in the Adult Female ♂
Session Chair: Arthur Leader, MD, FRCSC
Presenter: Pauline Mendola, PhD
Recent data reports: Patricia Hunt, PhD; David L. Keefe, MD
Respondent Panel: Anne R. Greenlee, PhD; Michele Marcus, PhD, MPH
Plenary Q & A/Discussion

3:40-3:45pm Health Group Representative Plenary Response to the afternoon’s presentations
Speaker: Dian Harrison, MSW

3:45 – 3:55 BREAK

3:55 – 4:25pm Environmental Neuroendocrine and Thyroid Disruption: Relevance for Reproductive Medicine?
Session Chair: Douglas L. Foster, PhD
Lecturer: R. Thomas Zoeller, PhD
Respondent: Andrea C. Gore, PhD
Plenary Q & A/Discussion
4:25 – 4:50pm  
**Environmental Immune Disruption: A Co-Morbidity Factor for Reproduction?**  
*Moderator:* Linda C. Giudice, MD, PhD, MSc  
*Lecturer:* Sherry E. Rier, PhD  
*Plenary Q & A/Discussion*

4:50 – 5:30pm  
*Moderator:* Kevin Grumbach, MD  
*Panelists:* Ronald Plain; Pamela Miller, M.En; Karen Goodson Pierce; Mark A. Mitchell, MD, MPH

5:35 – 6:35pm  
**Concurrent Session Options:**

- **Priority Contaminant Reviews** – The very latest data on selected chemicals and heavy metals of priority concern:
  - **Bisphenol A, and Phthalates**  
    *Moderator:* Tracey Woodruff, PhD. MPH  
    *Presenters:* Russ Hauser, MD, ScD, MPH; Frederick vom Saal, PhD

- **Brominated Flame Retardants, Perfluorinated Compounds, and Heavy Metals**  
  *Moderator:* Victor Y. Fujimoto, MD  
  *Presenters:* Susan Benoff, PhD; Linda Birnbaum, PhD, DABT; Christopher S. Lau, PhD

- **Alterations in Puberty** – For those with a specific interest in puberty onset and progression related effects of exposure to environmental contaminants.  
  *Moderator:* Warren G. Foster, PhD  
  *Presenters:* L. Earl Gray, Jr., PhD; Sherry G. Selevan; PhD  
  *Respondents:* Susan Y. Euling, PhD; Elizabeth A. Guillette, PhD

- **Reproductive Health Advocacy and Justice Meets Environmental Health and Justice** – An introductory forum for reproductive advocacy leaders and others interested in (or already incorporating) environmental health into organizational agendas.  
  *Moderator:* Kirsten Moore, MPA  
  *Commentators:* Charlotte Brody, RN; Vanessa E. Cullins, MD, MPH, MBA

- **New Tools and Approaches for Understanding Environmental Influences on Disease** – Learn about toxicogenomics, metabolomics, proteomics, and more.  
  *Moderator:* Jerrold J. (Jerry) Heindel, PhD  
  *Presenters:* David M. Balshaw, PhD; Bruce D. Hammock, PhD

- **Poster Session II**

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**Open Evening....*  
*Special Event, open to Summit participants and the public @ Delancey Street Screening Room: Film Screening of THE BELOVED COMMUNITY**  
A film by Pamela Calvert/Plain Speech; A presentation of Detroit Public Television  
7:30 pm reception, 8:00 pm screening
In the summer of 2004, Canadian health researchers made a startling discovery in the Aamjiwnaang (Chippewa) birth records for the city of Sarnia, an hour north of Detroit: For the past decade, girl babies had been outnumbering boys at a rate of 2:1. Further investigation revealed large numbers of miscarriages, a cluster of reproductive cancers in young women, and widespread neurological problems among the band’s children. THE BELOVED COMMUNITY looks at a Great Lakes oil town facing a toxic legacy head-on.

This screening is a presentation of the UCSF-CHE Summit, and is co-sponsored by Literacy for Environmental Justice and Pesticide Action Network. Admission is free; seating is limited. Special Guest: Ronald Plain, Environment Committee, Aamjiwnaang First Nation.

TUESDAY JANUARY 30, 2007 – IMPLICATIONS OF THE SCIENCE

8:00 – 8:05am Recap of Monday Speaker: Richard Sharpe, PhD

8:05 – 8:50am **Review V: Environmental Contaminants and Pregnancy Outcomes: ExposureAssociations with Prematurity, IUGR, Low Birth Weight, Stillbirth**

*Session Chair:* Brenda Eskenazi, PhD

*Lecturers:* Laura Fenster, PhD; Gayle C. Windham, PhD; MSPH

*Respondent:* Sherry G. Selevan, PhD

*Plenary Q & A/Discussion*

8:50 – 9:15am **So What Can We Say About Periconception as a Critical Window? Advising the Pregnancy Planning Couple**

*Moderator:* Victor Y. Fujimoto, MD

*Lecturer:* Germaine M. Buck Louis, PhD

*Plenary Q & A/Discussion*

9:15 – 9:20 **BRIEF STAND AND STRETCH BREAK**

9:20 – 12:00 **THE VILLAGE GREEN/PLENARY CONVERSATIONS ON STAGE***

*Plenary attendees will be invited to add their perspectives to the conversations initiated on stage.*

*Lively trans-discipline exchange of ideas and debate on the implications of the science, and critical environmental reproductive health issues and practice – among researchers, health professionals, patient and community leaders, policy makers, funders, and other Summit participants.*

9:20 – 10:00am **Conversation I: Current Evidence Concerning Environmental Reproductive Health:**

*Medical Recommendations and Practice (What do health professionals do based on current evidence?)*

*Moderator:* Ted Schettler, MD

*Conversationalists:* Charlotte Brody, RN; Jewel L. Crawford, MD; Joseph C. Isaacs, MSPH; Ruth Shaber, MD; Gina Solomon, MD, MPH

10:00 – 10:30am **Conversation II: Environmental Health Science in Health Professional Education:**

*A Conversation Among Deans*

*Moderator:* Nancy Milliken, MD

*Jointly sponsored by the Program on Reproductive Health and the Environment in the Department of Obstetrics, Gynecology and Reproductive Sciences at the University of California, San Francisco, and the Collaborative on Health and the Environment*
Conversationalists: Kathleen A. Dracup, RN, FNP, DNSc, FAAN; David A. Kessler, MD; David Lambert, MD

10:30 – 10:45 BREAK

10:45 – 11:15am Conversation III: Reproductive Health Clinicians and Scientists Discuss What They Need and Can Learn From Each Other – and How They Can Collaborate to Advance Their Work and the Field
Moderator: Andrea C. Gore, PhD
Conversationalists: Jerrold J. (Jerry) Heindel, PhD; Hugh S. Taylor, MD; other(s) TBA

11:15 – 11:45am Conversation IV: Environmental Reproductive Health Research, the Media and Public Perception (The power and responsibility of the media in shaping public understanding; What researchers and journalists wish the other paid more attention to…)
 Moderator: John Peterson Myers, PhD
Conversationalists: Marla Cone; Douglas Fischer; Tyrone B. Hayes, PhD; Jane Kay

11:45 – 12:15pm Conversation V: Our Federal Government and Environmental Reproductive Health: Priorities, Commitments and Challenges
Moderator: Sally Perreault Darney, PhD
Conversationalists: Christopher T. De Rosa, MS, PhD; Elaine Z. Francis, PhD; William J. Martin II, MD

12:15 – 1:10pm LUNCH

1:15 – 2:45pm What’s Next? BREAK-OUT DISCUSSION/STRATEGIC PLANNING GROUPS
Breakout group sign-up begins on a first come, first served basis at registration on Sunday, January 28th
Summit participants gather in 5 smaller topic-based groups to digest/discuss the implications of the science and issues raised during the, and to outline potential agendas, collaborative initiatives, or other “next steps.” Groups will be led by advance-prepared co-leaders, who will be responsible for composing a written summary of their breakout group discussion and conclusions immediately following the Summit. UCSF’s Program on Reproductive Health and the Environment may coordinate working groups and collaborative initiatives that are inspired by or shaped in breakout groups, as appropriate.

(1) HELPING HEALTH PROFESSIONALS AND PATIENT ADVOCATES COMMUNICATE RISKS OF REPRODUCTIVE/DEVELOPMENTAL TOXICANTS: What do health professionals and advocates do based on the evidence to date? How do they decide what to communicate about? What do health professionals need in order to translate current evidence to the clinic?
Leaders: Mark Miller, MD; Julia Quint, PhD

(2) CRITICAL RESEARCH DIRECTIONS AND COLLABORATIONS: What are the most critical research directions/tools this meeting has identified? What are key research areas that basic scientists and epidemiologists, clinical researchers, and patient/community representatives might work on together? (What key questions would such research efforts address?)
Leaders: Andrea Gore, PhD; Sarah J. Janssen, MD, PhD, MPH
(3) **IDENTIFYING POLICY PRIORITIES**: What are the priority areas that can be pursued through the policy process? What are important next steps in addressing policy needs?
*Leader:* Miriam F. Gordon; Tracey Woodruff, PhD, MPH

(4) **REPRODUCTIVE HEALTH ADVOCACY AND JUSTICE MEETS ENVIRONMENTAL HEALTH AND JUSTICE**: The nexus between women’s and family health, reproductive rights/justice, and environmental health and justice.
*Leaders:* Rivka Gordon, PA-C, MHS; Kirsten Moore, MPA

(5) **SAFE WORK**: What do we know/need to know about the risks of working with reproductive and developmental toxicants? What are the implications of the scientific evidence for working people and their representatives/advocates? How does/can environmental health science factor into the agendas of organizations representing labor and working people? How can environmental health science support organizations serving the needs of working people?
*Leaders:* Amanda Hawes, JD; Catherine Porter, JD

2:45 – 3:00 **BREAK and *BREAKOUT SESSION LEADERS WRITE-UP TIME***

3:00 – 3:40pm **PLENARY INTERVIEWS WITH BREAKOUT GROUP LEADERS**
*Moderator:* Michael Lerner, PhD
Leaders of each Breakout Group discuss in a town hall format the most important, surprising and inspiring take-aways/next steps from their groups.
*Plenary comment, question and interaction*

3:40 – 4:10pm **WRAP DISCUSSION AND STRATEGIC PLANNING SYNTHESIS**
Chairs/Vice-Chairs synthesize key issues, points, challenges, agendas gleaned from report back interview session, with input invited from the plenary, and an eye toward the future…
*Moderators:* Linda C. Giudice, MD, PhD, MSc, Philip R. Lee, MD/ Michael Lerner, PhD
*Panelists:* TBA
*Plenary comment, question and interaction*

4:10 – 4:15pm **Summit Closing Remarks**
Linda C. Giudice, MD, PhD, MSc

**POST-SUMMIT**

4:45 – 6:15pm **FERHC Meeting** (Invitational, onsite; Late afternoon refreshment and light finger foods provided) Relevant reproductive biology, toxicology and medicine society representatives to a proposed Federation of Environmental Reproductive Health Committees meet to discuss and plan coordination among environment committee leaders (official or ad hoc) across the spectrum of engaged societies.
*Facilitator:* Linda C. Giudice, MD, PhD, MSc