



**UNDERSTANDING ENVIRONMENTAL CONTAMINANTS AND HUMAN FERTILITY:
SCIENCE AND STRATEGY**

A workshop convened jointly by

Women's Health @ Stanford & the Collaborative on Health and the Environment

February 27 – March 1, 2005 Vallombrosa Center, Menlo Park, CA

Program

The Library, Vallombrosa Administration Building

Overall:

Sun. Feb 27 7:00 pm – 9:15 pm
Mon. Feb. 28 8:00 am – 5:30 pm workshop; 7:15 pm workshop dinner
Tue. Mar 1 8:00 am – 12:00 noon

Co-Chairs: Dr Linda C Giudice
Dr Shanna H. Swan
Facilitation: Dr Michael Lerner
Dr Pete Myers
Dr Lou Guillette
Dr David Keefe
Coordinator: Ms Alison Carlson
Program Committee: Dr Linda C. Giudice, Dr Shanna H. Swan, Ms Edith T. Eddy, Dr Pete Myers
Advisory Committee: Dr Michael Lerner, Dr Philip R. Lee, Mr Steve Heilig, Dr Ted Schettler, Dr Louis J. Guillette

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SUNDAY 2/27: INTRODUCTIONS, CONTEXT AND SCIENCE

7:00 - 7:10 Welcome and Purpose
– Drs Linda C. Giudice, Shanna H. Swan
7:10 - 7:50 Introductions – *All participants* take one minute or less to state name, affiliation, topic involvement, interest in attending

- 7:50 – 8:00 Infertility Economics: Direct and Indirect Costs of Infertility to Society and Individuals
– *guest speaker Dr Kate Bundorf, Dept of Health Research and Policy, Stanford University*
- 8:00 - 8:30 Environment and Infertility: What We Don't Know, Why Not, and Why We Are Poised to Learn More
– *Dr Pete Myers*
- 8:30 - 9:00 Lessons from Wildlife and Ecotoxicology
– *Dr Louis J. Guillette*
- 9:00 - 9:15 *Q&A/Discussion*

MONDAY 2/28: MORE SCIENCE AND...ISSUES, CHALLENGES, GAPS

- 8:00 - 8:05 Introduction to the Morning
– *Drs Linda C. Giudice, Shanna H Swan*
- 8:10 - 8:50 What We Know ♂: An Overview of Environmental Contaminant Effects on Male Fertility Factors and Reproductive Tract Function and Development (30 mins + 10 min Q&A)
– *Dr Russ Hauser*
- 8:50 - 9:30 What We Know ♀: An Overview of Environmental Contaminant Effects on Female Fertility Factors and Reproductive Tract Function and Development (30 min + 10 min Q&A)
– *Dr Germaine Buck Louis*
- 9:30 - 10:10 Fetal Origins of Adult Reproductive Disease (30 min + 10 min Q&A)
– *Dr Jerrold Heindel*
- 10:10-10:30 **BREAK**
- 10:30-11:10 The Medical Context: What Are the Clinical Issues in Infertility/Subfertility Explored in Reference to the Environment (30 min + 10 min Q&A)
– *Drs David Keefe, Linda C. Giudice*
- 11:10-11:50 Reproductive Epidemiology: Perspective and Challenges in Investigating the Impact of Environmental Agents on Fertility (30 min + 10 min Q&A)
– *Dr Shanna H. Swan*
- (11:50-12:00 Reflecting on the Morning: Other Comments and Questions)
- 12:00- 1:00 **LUNCH** provided in Vallombrosa Dining Hall
- 1:00 - 1:10 Setting the Context for the Afternoon
– *Drs Michael Lerner, Pete Myers*
- 1:10 – 3:10 IDENTIFYING RESEARCH GAPS AND ISSUES: HIERARCHIES OF CERTAINTY
Researcher “respondents” and group discussion using hierarchy of certainty framing and questions.

Facilitators: Drs Shanna H. Swan, Linda C. Giudice

- 3:10 – 3:25 **BREAK**
- 3:25 - 4:20 INTERESTS, CONCERNS, NEEDS OF REPRODUCTIVE HEALTH & PROFESSIONAL ASSOCIATIONS: Infertility patient, women’s health and reproductive advocacy, and professional group perspectives. (5 minutes per group)
Facilitators: Michael Lerner, Alison Carlson
- 4:20 – 5:00 SO WHAT CAN WE SAY ABOUT PRECAUTION: ADVICE IN THE FACE OF UNCERTAINTY?
Commentators: Drs David Keefe, Louis J. Guillette, with group
- 5:00 - 5:25 ENVIRONMENTAL HEALTH POLICY and FUNDERS PERSPECTIVES: Remarks by Dr Philip R Lee, Ms Catherine Dodd, Dr Pete Myers, Dr Jerrold Heindel, Ms Edith Eddy
Moderator: Dr Michael Lerner
- 5:25 - 5:30 Wrap up – *Drs Linda C. Giudice, Michael Lerner*

TUESDAY 3/1: STRATEGIC PLANNING IN RE CRITICAL RESEARCH GAPS AND ISSUES; REPRODUCTIVE PATIENT AND PHYSICIAN GROUPS ROLES; FUNDING CHALLENGES; AND A COLLABORATIVE “SUMMIT” AT STANFORD

- 8:00 - 8:10 Introduction to the Morning – *Dr Michael Lerner*
- 8:10 - 8:20 The DES Research Advocacy Example – *Ms Margaret Braun*
- 8:20 - 8:30 The Endometriosis Research Advocacy Example – *Ms Mary Lou Ballweg*
- [8:30 - 8:40 *Discussion: How might these examples inform research advocacy regarding environmental impacts and infertility? How might they not?*] [deleted]
- 8:40- 10:15 STRATEGY GROUP DISCUSSION I
Facilitators: Drs Linda C. Giudice, Shanna H. Swan
- 10:15-10:30 **BREAK**
- 10:30-11:45 STRATEGY GROUP DISCUSSION II: Commitments
Facilitator: Dr Linda C Giudice
- 11:45-12:00 Wrap Up: What’s Next...