

**THE BASIC ISSUES  
OF SCIENCE SEMINAR**  
*FOR FEDERAL AND STATE JUDGES*



**Huntington, Long Island,  
New York**  
**October 27-30, 1998**

The Federal Judicial Center,  
Judiciary Leadership Development Council and  
Cold Spring Harbor Laboratory

Present

**The Basic Issues of Science Seminar  
For Federal and State Judges**

Hon. Rya W. Zobel  
Director, Federal Judicial Center  
Washington, D.C.

John S. Cooke  
Director, Judicial Education Division  
Federal Judicial Center

James G. Apple  
Chief, Interjudicial Affairs Office  
Federal Judicial Center

Honorable John W. Kern, III  
Judiciary Leadership Development Council, Inc.  
Washington, D.C.

Dr. Jan Witkowski  
Director, Banbury Center  
Lloyd Harbor, New York

Vivian A. McCallum  
Judicial Education Division  
Federal Judicial Center

**TUESDAY, OCTOBER 27, 1998**

3:00 p.m. **Arrive at Banbury Conference Center,**  
- 5:00 p.m. **Room Assignments at  
Robertson House**

5:30 p.m. **Reception -- Robertson House**

**Welcome to Banbury Center**

Dr. Jan Witkowski  
Director, Banbury Center

7:00 p.m. **Banbury Conference Center  
(Evening Presentation)**

**Cold Spring Harbor Laboratory and Its  
Place in Science**

Dr. David Miklos  
Cold Spring Harbor Laboratory

8:15 p.m. **Dinner at Robertson House**

**WEDNESDAY, OCTOBER 28, 1998**  
**Banbury Conference Center**

8:45 a.m. **Welcome, introductions, and  
announcements**

Dr. Jan Witkowski  
Director, Banbury Center

9:00 a.m. **From Darwin to Dolly: Developments  
in the Biological Sciences in the 20th  
Century**

Dr. Jane Maienschein  
Professor of Philosophy and Biology  
Arizona State University

10:30 a.m. **Break**

11:00 a.m. **Cloning: The Biological and Social  
Implications of a New Science**

Dr. Lee Silver  
Department of Molecular Biology  
Princeton University

12:30 p.m. **LUNCH -- ROBERTSON HOUSE**

2:00 p.m. **Life in an Inhospitable Universe**

Dr. David Wilkinson  
Department of Physics  
Princeton University

3:30 p.m. **Break**

4:00 p.m.      **Statistics and Probabilities in Science**

Professor Stephen Fienberg  
Department of Statistics  
Carnegie Mellon University

5:30 p.m.      **Adjourn**

6:00 p.m.      Reception at Robertson House

7:00 p.m.      Dinner at Robertson House

8:00 p.m.      Evening Discussion (Optional)

**New Concepts of the Universe**

Dr. David Wilkinson  
Department of Physics  
Princeton University

**THURSDAY, OCTOBER 29, 1998**  
**Banbury Conference Center**

8:45 a.m.     **Review of schedule and  
announcements**

Dr. Jan Witkowski  
Director, Banbury Center

9:00 a.m.     **Human Genetics: A Look at the Past**

Dr. Jan Witkowski  
Director, Banbury Center

10:30 a.m.    **Break**

11:00 a.m.    **DNA and the Human Genome Project**

Dr. Jan Witkowski  
Director, Banbury Center

12:30 p.m.    **Lunch -- Robertson House**

1:45 p.m.     **Social Implications of Genetic  
Research**  
(Banbury Conference Center)

Dr. Philip Reilly  
Shriver Center of Mental Retardation  
Waltham, Massachusetts

3:15 p.m. **Visit to DNA Learning Center and  
Cold Spring Harbor Laboratory**  
(Depart Banbury Conference Center)

Tour Leaders:  
Drs. Witkowski and Miklos

6:00 p.m. **Reception -- Robertson House**

7:00 p.m. **Dinner -- Robertson House**

**FRIDAY, OCTOBER 30, 1998**  
**Banbury Conference Center**

8:45 a.m.      **Review of schedule and  
announcements**

Dr. Jan Witkowski  
Director, Banbury Center

9:00 a.m.      **Origins of Life**

Professor Robert Shapiro  
Department of Chemistry  
New York University

10:30 a.m.    **Break**

11:00 a.m.    **Toxicology, the Environment, and  
Risk Assessment**

Dr. Michael Gallo  
Robert Wood Johnson Medical School  
Piscataway, New Jersey

12:45 p.m.    **Lunch -- Robertson House**

2:00 p.m.      **Science in the 21st Century**

John Horgan  
Author, *The End of Science*

3:15 p.m.      **Seminar Ends**