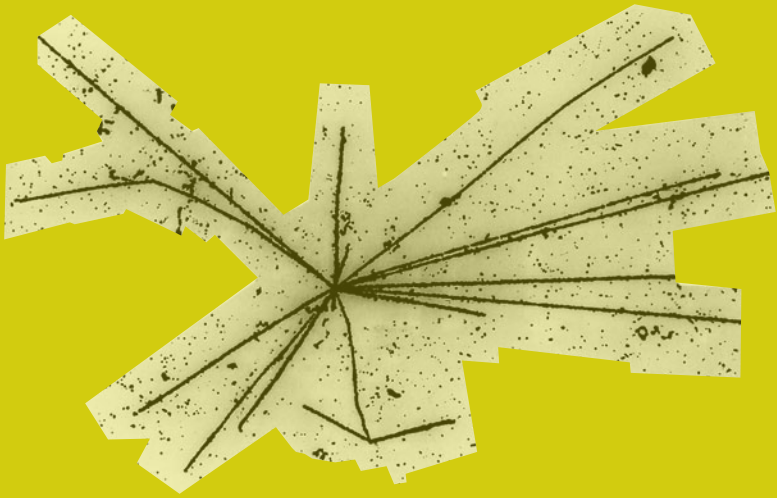


marie curie nobel centennial  
celebrating women in science

november 6-8, 2003, yale university



This University-wide symposium is organized to celebrate the centenary of the first award of the Nobel Prize to Marie Curie, within the broader context of an examination of women in science. The conference will make visible the impact that women scientists have historically had in their fields and address the challenges for the 21st Century.

<http://www.yale.edu/whc>

The cover depicts a burst of alpha particles from a speck of radium salt on the surface of a photographic plate. (The central area is about a tenth of a millimeter across.) Marie Curie extracted two new radioactive elements from uranium: polonium, named after her native Poland, and radium...a million times more intense than uranium.

Above this burst is the the interaction of a cosmic ray with the first emulsion sensitive enough to track particles of all velocities.

Phoenix-like, these two particle events are meant to celebrate the constant renewal of historical perspectives—views that have at one time or another excluded, overlooked or minimized women's contributions to science.

This conference affirms the past and present, and inspires the future. It invites students, teachers and scholars to study and to emulate the achievements of women in science, medicine, mathematics, invention and writing.

**Sponsors include:**

*Office of the Provost, Whitney Humanities Center, University Library, Beinecke Rare Book and Manuscript Library, Cushing/Whitney Medical Library, Office of New Haven and State Affairs, The Dibner Fund, The Dibner Institute, The Camille and Henry Dreyfus Foundation, Inc., Women Faculty Forum, Yale Graduate School of Arts and Sciences.*

*The loan of the Marie Curie portrait, from the Dibner Institute, is made possible by the Dibner Fund.*

**At the Whitney — coming fall events:**

**Religion as Colonial Commodity** Symposium, September 18–21

**Strega@Yale, 2003** Readings and Symposium, October 3–4

**Orhan Pamuk** Finzi-Contini Lecture, October 16

**Taiwan New Cinema** Symposium, October 30–November 2

**American Literary Globalism** Symposium, November 14

**Harvey Cushing / John Hay Whitney Medical Library  
Yale School of Medicine, 333 Cedar Street**

**Friday, November 7, 2003**

A program for high school and undergraduate students

**8:30 am**

*Meet in the Beaumont Room*

***Marie Curie, Radioactivity, and the Emerging New Physics:  
The Extraordinary Career of a Woman Scientist***

**9:30 am – 10:15 am**

*Medical Historical Library*

Welcome remarks by **MARK GENTRY**, *Clinical Librarian, Cushing/Whitney Medical Library, Yale University*

**NAOMI ROGERS**, *Assistant Professor of History of Medicine, Assistant Professor of Women's & Gender Studies, Yale University, "Marie Curie the Movie: Hollywood and the Woman Scientist in 1943."*

**10:30 am**

***Career Choices in the Sciences—A Panel***

**ALANNA SCHEPARTZ**, [Moderator] *Milton Harris '29 Ph.D. Professor of Chemistry, Professor of Molecular, Cellular, and Developmental Biology, Yale University*

**ANNE M. BARANGER**, *Associate Professor of Chemistry, Wesleyan University*

**KATHRYN V. JOHNSTON**, *Assistant Professor of Astronomy, Wesleyan University*

**PAT MOONEY**, *Staff Scientist, Thomas J. Watson Laboratory, IBM*

**ARIKHA MOSES**, *Chief Operating Officer, Advanced Materials Designs, LLC*

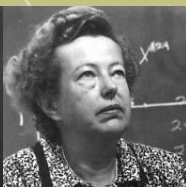
**MICHELE BARRY**, *Professor of Medicine and Public Health, Director Office of International Health, Yale University*

**12:00 noon**

*Lunch for students and their teachers in Harkness Lounge*



Meitner



Mayer



Karle



Hubbard



Bell



McClintock

Marie Curie Nobel Centennial

# Celebrating Women in Science

Levinson Auditorium, Yale Law School  
127 Wall Street

Friday, November 7, 2003  
2:00 pm

*Welcome and introductory remarks by President* **RICHARD C. LEVIN**

## ***Frontiers in Chemistry, Astrophysics, and Biology***

**ANDREW HAMILTON**, [Moderator] *Deputy Provost for Science & Technology, Irénée duPont Professor of Chemistry, Professor of Molecular Biophysics & Biochemistry, Yale University*

**JACQUELINE BARTON**, *Arthur and Marian Hanisch Memorial Professor of Chemistry, California Institute of Technology*

**VERA RUBIN**, *Senior Researcher, Department of Terrestrial Magnetism, Carnegie Institution*

**JOAN STEITZ**, *Sterling Professor of Molecular Biophysics & Biochemistry, Investigator of the Howard Hughes Medical Institute; Director of the Molecular Genetics Program, Boyer Center for Molecular Medicine, Yale University*

5:30 pm

*Reception at Beinecke Rare Book and Manuscript Library*

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Saturday, November 8, 2003

9:00 am

## ***Challenges in Science and Technology for the 21st Century***

**SUSAN HOCKFIELD**, [Moderator] *Provost and William Edward Gilbert Professor of Neurobiology, Yale University*

**BRUCE ALBERTS**, *President of the National Academy of Sciences, Professor of Biochemistry & Biophysics, Medical School of the University of California, San Francisco*

**SHIRLEY M. TILGHMAN**, *President and Howard A. Prior Professor of the Life Sciences, Investigator of the Howard Hughes Medical Institute, Princeton University*

**CHARLES M. VEST**, *President and Professor of Mechanical Engineering, Massachusetts Institute of Technology*

**Whitney Humanities Center, Room 208  
53 Wall Street**

**Thursday, November 6, 2003**

**4:00 pm**

***Intellectual Journeys of Marie Curie***

**MERLE WAXMAN**, [Moderator] *Associate Dean of Academic Development & Ombudsperson, Director of the Office for Women in Medicine, Yale University*

**DANIEL KEVLES**, *Stanley Woodward Professor of History, Yale University*  
“Marie Curie in America”

**HELENA PYCIOR**, *Professor of History, University of Wisconsin, Milwaukee*  
“Two in a Shed: History and Memory of the Curies as a Nobel Prizewinning Couple”

**SARA ROCKWELL**, *Professor of Therapeutic Radiology, Director of the Office of Scientific Affairs, Yale University*  
“The Life and Legacy of Marie Curie”

**5:30 pm**

*Reception at Whitney Humanities Center, 2nd Floor Rotunda*

**7:30 pm**

***The Other Side of Science***

**RICHARD BRODHEAD**, [Moderator] *Dean of Yale College, A. Bartlett Giamatti Professor of English, Professor of American Studies, Yale University*

**BRENDA MADDOX**, *Author*  
“Rosalind Franklin and the Discovery of DNA Structure”

**ELGA WASSERMAN**, *Senior Scholar, Yale Law School*  
“The Public and Private Personas of Women in Science”

**BETTVANN KEVLES**, *Lecturer of History, Yale University*  
“Women Astronauts—A Special Case?”



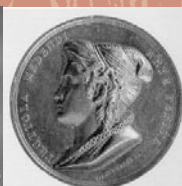
Curie



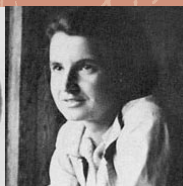
Tereshkova



Jemison



Trotula



Franklin



Blau