



The University of Hawai'i at Mānoa Center for Biographical Research
Brown Bag Biography

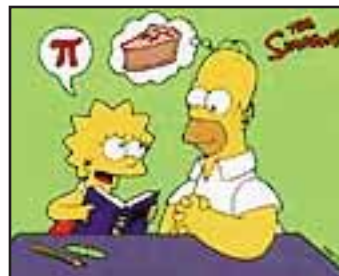
Thursday, November 13, 2008

12:00 noon to 1:15 p.m.

Henke Hall 325, 1800 East-West Road

Monique Chyba

Women in Mathematics



CLOCKWISE FROM LEFT: Sophie Germain (1776–1831); Ada Byron, Lady Lovelace (1815–1852); Sofia Kovalevskaya (1850–1891); Julia Robinson (1919–1985); Lisa Simpson (2006); and Cathleen Morawetz (1923–).



Monique Chyba is Associate Professor of Mathematics at the University of Hawai'i at Mānoa. A specialist in the development and use of geometric methods in control theory, particularly as applied to the design and operation of autonomous underwater vehicles, she is the author of numerous articles, coauthor of *Singular Trajectories and Their Role in Control Theory* (Springer-Verlag, 2003), and Associate Editor of *Ocean Engineering*. A strong advocate for educating the public about the joy and beauty of mathematics, she has taken the lead in several interdisciplinary projects for students from the elementary to the college level. This Fall she was honored with the 2008 Board of Regents Excellence in Teaching Award.

Contact the Center for Biographical Research at 956-3774 or biograph@hawaii.edu for more information.