

The Distinguished Scholar-Teacher Award honors University of Maryland faculty members who excel as both researchers and instructors.


From the Department of Physics:

- 2011-12 Elizabeth Beise
- 2010-11 William Dorland
- 2009-10 Patrick O'Shea (*affiliate professor of Physics*)
- 2008-09 Theodore Jacobson
- 2006-07 Edward Redish
- 2005-06 Thomas Cohen; Howard Milchberg
- 2002-03 Sylvester James Gates, Jr.
- 2001-02 Rabindra Mohapatra
- 2000-01 Christopher Lobb
- 1999-2000 Jordan Goodman
- 1998-99 Michael Fisher
- 1989-90 Joseph Sucher
- 1988-89 George Snow
- 1986-87 Jogesh Pati
- 1985-86 J. Robert Dorfman
- 1984-85 Alex Dragt
- 1980-81 Gaurang Yodh



The University of Maryland  
Distinguished Scholar-Teacher Lecture

# The Matter of our Matter



Tales from Nuclear Science

**Professor Elizabeth J. Beise**  
**Department of Physics**

November 13, 2012  
4 pm  
1412 Physics Building

Elizabeth Beise is a Professor of Physics and the Associate Provost for Academic Planning and Programs at the University of Maryland. Dr. Beise arrived in College Park in 1993 as an assistant professor, after working as a research scientist in the Kellogg Radiation Lab at the California Institute of Technology.

Dr. Beise earned her B.A. from Carleton College in 1981, and her Ph.D. in Physics in 1988 from the Massachusetts Institute of Technology.

Her research focuses on the use of electromagnetic and weak probes of the internal structure of protons, neutrons and light nuclei and on the use of nuclear physics techniques to test fundamental symmetries of nature. Among her accolades have been the National Science Foundation's Young Investigator (NYI) award, the American Physical Society's Maria Goeppert-Mayer Award, and Fellowship in the American Physical Society (APS) and in the American Association for the Advancement of Science.

From 2004 to 2006, she was a Program Director for Nuclear Physics at the National Science Foundation. She has served on the DOE/NSF Nuclear Science Advisory Committee, the Executive Board of the American Physical Society and the National Academies' decadal survey of Nuclear Physics. She served on the APS Committee on the Status of Women in Physics, and in recognition of her in promotion of and support for women in science, received the Physics department's George A. Snow Award in 2008. She is currently a co-PI and co-director of the campus' NSF ADVANCE grant in support of women faculty.

Dr. Beise has published 65 papers in refereed journals. Forty percent of these have appeared in *Physical Review Letters*, the most prestigious journal in the field. She has also published in *Nature* and *Science*.

## **Opening Remarks**

Dr. Juan Uriagereka  
Associate Provost for Faculty Affairs

## **Introduction of Dr. Beise**

Dr. Andrew Baden  
Professor and Chair  
Department of Physics

## **The Matter of our Matter**

Dr. Elizabeth J. Beise

