

Speaker Biosketches

NDEW 2015

Amy L. Graves

*Professor, Department of Physics and Astronomy
Swarthmore College*

Amy Graves (formerly Amy Bug) is Professor of Physics in the Dept. of Physics and Astronomy of Swarthmore College. She has scholarly interests both in computational condensed matter physics and issues of race and gender in science. She received a B.A. in both mathematics and physics from Williams College, and a PhD in physics from MIT. She did postdoctoral work in computational condensed matter physics at Exxon Research and Engineering, and in theoretical chemistry at Columbia University. At Swarthmore College, Graves has been Department Chair, and teaches at all levels in the undergraduate curriculum. She has developed courses in Mathematical Methods for Physicists, Computational Physics, and Gender and the Physical Sciences. She has authored a book, "Forces and Motion" (Facts on File publishers, 2008). Her research with Swarthmore undergraduates been supported by the Research Corporation, NSF, and Petroleum Research Fund of the American Chemical Society.