

Leanna Giancarlo

Associate Professor at University of Mary Washington

Fredericksburg, VA, US

Leanna Giancarlo is a Professor of Chemistry and commentator on the portrayal of science in media and popular culture.

Biography

Leanna C. Giancarlo, Associate Professor of Chemistry, earned a Ph.D. (1996) in physical chemistry from the University of Pennsylvania and a B.S. (1990) in chemistry from the University of Scranton. She was a postdoctoral fellow in the laboratory of Professor George W. Flynn at Columbia University from 1996 to 1999. Her research interests include investigating the self-assembly of physisorbed molecules at the liquid/solid interface using scanning probe microscopy. In a 2011 interview on the "With Good Reason" public radio program, Giancarlo discussed the negative stereotypes of scientists in film and fiction. She has also supported local initiatives to engage school-aged youth in STEM education. She is a member of Sigma Xi Scientific Research Society, the Virginia Academy of Science and the American Chemical Society. She is widely published and received a School of Arts and Sciences Dissertation Fellowship at the University of Pennsylvania.

Areas of Expertise

STEM Education, Science Education, Science and Popular Culture, Chemistry

Affiliations

Sigma Xi Scientific Research Society: Member, Virginia Academy of Science: Member, American Chemical Society: Member

Education

University of Pennsylvania

Ph.D. Physical Chemistry

University of Scranton

B.S. Chemistry

Accomplishments

Alumni Association Outstanding Young Faculty Award

Presented to a full-time faculty member who has between two and five years of full-time teaching service at the University of Mary Washington.

School of Arts and Sciences Dissertation Fellowship
Awarded by the University of Pennsylvania.

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