

Speaker Profile



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Name: Marjorie A OLMSTEAD

Title: Professor of Physics;
Director, Nanotechnology Ph.D.
Program

Institution: University of Washington, Seattle

Education:

- Univ. of California, Berkeley, Ph.D. in Physics: 1985.
- Univ. of California, Berkeley, M.S. in Physics: 1982.
- Swarthmore College, B.A. in Physics. 1979.

Professional Experience:

- *University of Washington, Seattle.*
Director, Nanotechnology Ph.D. Program: 2004 - ;
Professor of Physics, Adjunct Professor of
Chemistry: 1997 - ; Associate Professor: 1993-
1997;
Assistant Professor: 1991-1993.
- *University of California, Berkeley.*
Assistant Professor of Physics: 1986-1990.
- *Xerox Palo Alto Research Center.*
Member of Research Staff: 1985-86.

Research Interests:

- Kinetic and thermodynamic control in molecular beam epitaxy of dissimilar materials
- Si-based heterostructures and nanostructures from dissimilar materials
- Si-compatible materials for optical and spintronic applications

Awards and Honors:

- Fellow, American Physical Society (2003)
- UW Society of Physics Students Undergraduate Teaching Award (1999 and 2003)
- Alexander von Humboldt Research Award (1999-2000)
- Amer. Physical Soc. Maria Goeppert-Mayer Award (1994)
- Amer. Vacuum Soc. Peter Mark Memorial Award (1994)
- Fellow, American Vacuum Society (1994)
- NSF Presidential Young Investigator Award (1987)

Professional Activities:

- Nanotechnology IGERT. Principal Investigator (2004 - pr.); co-Principal Investigator (2000 - 2004)
- UW-PNNL Joint Institute for Nanoscience. Member Steering Committee (2004 - pr.)
- UW ADVANCE Project Leadership Team (2002- pr.)
- APS Committee on the Status of Women in Physics (1997-99). Chair (1999).