

ERIC M. PIERCE

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EDUCATION

2002 Ph.D., Interdisciplinary in Environmental Sciences, Tulane University

1996 B.S., Environmental Science, Minor Chemistry, Alabama Agricultural & Mechanical University

PROFESSIONAL POSITIONS

- 08/13 – Present **Senior Staff Scientist, Earth Sciences Group Leader, Subsurface Science Program Leader,**
Environmental Sciences Division (ESD), Oak Ridge National Laboratory (ORNL)
- 09/09 – 12/14 **Adjunct Professor,** Washington State University, Pullman, WA
- 09/10 – 08/13 **Leader,** Applied Remediation Science Program, ESD, ORNL
- 06/09 – 09/10 **Senior Scientist,** Field Hydrology & Chemistry Group, Environmental Sustainability Division,
Pacific Northwest National Laboratory (PNNL)
- 04/06 – 06/09 **Research Scientist III,** Applied Geology & Geochemistry (AG&G) Group, Environmental
Technology Division (ETD), PNNL
- 01/03 – 04/06 **Research Scientist II,** AG&G, ETD, PNNL
- 2002 – 2003 **Graduate Fellow,** AG&G, ETD, PNNL
- 2000 – 2002 **Laboratory Graduate Fellow,** AG&G, ETD, PNNL,
- 1996 – 2000 **National Physical Science Consortium Fellow,** AG&G, ETD, PNNL
- 1994 – 1996 **Hanford Environmental Science & Engineering Consortium Fellow,** AG&G, ETD, PNNL

RESEARCH INTERESTS AND AREA OF EXPERTISE

Dr. Eric Pierce's current studies aim to elucidate the factors governing the biogeochemical transformation of metals, nutrients, and contaminants at the solid-fluid interface, with a recent focus on environmentally derived nanoparticles.

PROFESSIONAL AFFILIATIONS

- 2012 – Present European Geochemical Society
- 2008 – Present American Ceramics Society (ACeRS)
- 2004 – Present American Geophysical Union (AGU)
- 2002 – Present Geochemical Society (GS)
- 2002 – Present Mineralogical Society of America
- 2002 – Present American Chemical Society (ACS)

PROFESSIONAL SERVICE, AFFILIATIONS, SYNERGISTIC ACTIVITIES, AND HONORS

- **Journal Editorial Roles** – Associate Editor for Applied Geochemistry (01/13 to present) and Editorial Board Member for the Nature Partner Journal Materials Degradation (03/16 to present)
- **Science Meeting Organizer** – Lead symposium, workshops, and/or special session organizer for Goldschmidt Conference, ACS, and AGU, and ACeRS Glass and Optical Materials Division.
- **Proposal Reviewer** – for various DOE programs and the National Science Foundation Ecosystem Science program
- **Mentored** – More than 28 undergraduate, graduate, and post-doctoral students over past 15 years
- **Mentor Award** – DOE Mickey Leland Energy Fellowship Program, PNNL, (2005, 2006, 2007, and 2008)
- **2007 Best Paper Award** – ACeRS Nuclear and Environmental Technology Division
- **Individual Performance Awards** – Department of Energy (DOE) Environmental Management (EM) Senior Technical Advisor – PNNL (2008); Supplemental Treatment Technology Project, PNNL (2005)
- **Outstanding Performance Awards** – AMEC Bulk Vitrification Project, PNNL (2007); Supplemental Treatment Technology Project, PNNL (2004); MSE Sediment Characterization Project, PNNL (2001); 300 Area Uranium Project, PNNL (2001)
- **Fitzner-Eberhardt Award Nominee** – PNNL Laboratory Director Award for Outstanding Contributions to Science and Engineering Education (2007)
- **PNNL Science & Engineering Development Program** – PNNL Program for Enhancing the Development of Non-Technical Skills for Early Career Scientist and Engineers (2005 – 2006)
- **>100 publications, ORCID: 0000-0002-4951-1931**
- **>70 total presentations**