

Angela R. Bielefeldt

PhD, PE, CU 1996-present

Current and Recent Research:

- **Engineering Education**
- **Ceramic Water Filters**
- Utility collaboration (funded by AWWA)
- Chlorinated Solvent Bioremediation
- NDMA In-Situ Oxidation with permanganate
- Microbial-induced concrete corrosion

Engineering Education

- **GK-12 PhD Fellows Engineering for Society**
 - NSF-funded, PI Sullivan, coPIs Bielefeldt, Zarske, Rosario
- **Research Experience for Undergraduates (REU) Site**
 - NSF-funded, PI Bielefeldt, coPI Rosario; 2006-2008, 2010-2012
- **Mindy Zarske, PhD candidate (NSF-funded)**
 - Impacts of Project-Based **Service-Learning (SL)** on Engineering Attitudes & Identity of High School & 1st-Year College Students
- **Sustainable Engineering** education via **SL/LTS**
 - NSF-funded, Tufts, Michigan Tech, CU
- Faculty attitudes toward **learning through service (LTS)**
 - NSF-funded, Tufts, UMass-Lowell, MichTech, James Madison, CU
- Nathan Canney, PhD student, social responsibility
 - **CU Chancellor's Award for Excellence in STEM Education - Graduate Award**
- Personal interests: **Body of Knowledge (BOK), Ethics**