

## COLLEGE OF EDUCATION, HEALTH AND PUBLIC POLICY FACULTY



**Full name with degree:** SaeYeol Yoon, Ph.D.

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**Department:** Education

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**Country of Origin:** South Korea

### Education:

- **Ph.D.** 2012 Science Education (University of Iowa, Iowa City, IA)
- **M.A.** 2008 Science Education (Seoul National University, Seoul, Korea)
- **B.S.** 2006 Science Education (Seoul National University, Seoul, Korea)

### Postdoctoral research experience:

- 2013 Post-Doc - University of Iowa, Iowa City, IA

### Research Interests:

- *Argumentation* as core scientific and engineering practice
- K-12 and post-secondary level *Earth and Space science education*
- *Cognitive and epistemic development* in learning science, emphasizing on reflective practices
- *Scientific Literacy* - how we can use language as a learning tool to improve students' understanding of science and engage them in scientific and engineering practices

### Professional Organizations and Memberships:

- American Educational Research Association (AERA)
- Association for Science Teacher Education (ASTE)
- Korean Earth Science Society (KESS)
- National Association of Research in Science Teaching (NARST)
- National Earth Science Teachers Association (NESTA)