

## **Contact Information**

Cary W. Sell

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## **Research Areas and Interests**

The Nature of Science

Developing high level science skills in pre-service teachers

## **Teaching**

**ISCI 2001 Life and Earth Science for Teachers**

**Biol 2001 K Introduction to Research**

## **Professional Experiences**

My teaching career has spanned 32 years. I have taught life, earth, and physical science at the middle school level, grades 6-8; biology, chemistry, and AP Biology in grades 9-12; and Introduction to Biology I and II, Introduction to Research for STEM majors, Life and Earth Science for Elementary teachers, and Physical Science for Elementary teachers at the university level at Albany State University

## **Publications**

Sell, C. (2018). *Nature of science instruction and peer coaching; A study of a secondary science professional development program*. [Doctoral dissertation, The University of Georgia].

Sell, C. (2018). *Year-long science Internship to teach the nature of science: A case study of two high school students*. Poster session presented at the international meeting of National Association of Research in Science Teaching, Atlanta, Georgia.

Multi-Author and Sell (2018). *Multi-faceted Meaning of Scientific Literacy from Five Theoretical Perspectives*. Paper presentation presented at the international meeting of National Association of Research in Science Teaching, Atlanta, Georgia.

Sell, C. (2019). *Peer Coaching – Supporting the Development of Nature of Science Knowledge and Classroom Practice*. Paper presentation presented at the international meeting of the Association for Science Teacher Education, Savannah, Georgia.

Jeong, S., King, G., Pauli, D., Sell, C., and Steele, D. (2020). Conceptualizing multiplicities of scientific literacy from five theoretical perspectives. In T.W. Teo, A. Tan & Y. S. Ong (Eds.), *Re-searching science education: Same issues from different lenses*. Singapore: Springer Nature Singapore Private Limited.

## **Recent Grants**

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## **Awards and Honors**

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## **Education**

B.S. Biology (1990) University of Georgia

M.Ed Secondary Science Education (1993) University of Georgia

Ed.S. Secondary Science Education (1996) University of Georgia

Ph.D. Science Education (2018) University of Georgia