

Program Authors

Christopher Moore, Ph.D., is the Haddix Community Chair of Physical Science and professor of physics at the University of Nebraska Omaha (UNO). Dr. Moore conducts research in chemistry and physics education, teacher preparation, and change processes in educational institutions. He is the author of the books *Creating Scientists* and *Teaching Science Thinking*, both of which provide frameworks for teachers implementing modern science standards. As director of the UNO STEM Teaching, Research, and Inquiry-based Learning (TRAIL) Center, Dr. Moore supports community programming that elevates human potential through lifelong learning, focusing on in-service teacher professional development. Previously, he was a high school science teacher in Virginia.



Michael Wysession, Ph.D., is a Professor of Earth and Planetary Sciences and Executive Director of The Teaching Center at Washington University in St. Louis. Author of more than 100 science and science education publications, Dr. Wysession was awarded the National Science Foundation (NSF) Presidential Faculty Fellowship and the Packard Foundation Fellowship for his research in geophysics. Dr. Wysession is a leader in geoscience literacy and education; he is the chair of the NSF Earth Science Literacy Initiative, author of several popular video lecture courses on geoscience, and lectures internationally. Dr. Wysession was responsible for Earth and Space Science for both the National Academy of Science's report *A Framework for K-12 Science Education* and the Next Generation Science Standards. He began his career as a high school science and math teacher in New York City.



Consulting Author

Bryn Lutes, Ph.D., is a chemist, technology translator, and educator. Holding a Ph.D. in organometallic chemistry, Dr. Lutes has worked both in and out of the classroom to help faculty incorporate active-learning techniques and technology to support student learning. She is currently a Senior Lecturer and Director of General Chemistry Labs at Washington University in St. Louis where she teaches General Chemistry Lab, General Chemistry for post-baccalaureate premedical students, and Quantitative Reasoning.

