

How to Engage Students with Science Investigations Aligned to the New York State Science Learning Standards

Join us for two days of science professional development with NGSS writing team members **Brett Moulding** and **Kenneth Huff**. This professional development will model three-dimensional science instruction and provide details and insights into science teaching and learning consistent with *A Framework for K-12 Science Education* and the New York State Science Learning Standards (NYSSLS).



This professional development will provide attendees with a deeper understanding of how to transform science instruction to better align with current research in science teaching and learning. Teachers will leave the session with a complete set of lesson ideas for their grade-level or subject area that are aligned with NYSSLS. Participants will receive a copy of the book - *Engaging Students in Science Investigation Using GRC*. The professional development includes a two hour after school follow-up session during the school year.

Location: SUNY Buffalo State College

Dates/Time: Sessions begin at 8:30am each day and end at 3pm.

- August 9 and 10, 2021

Tuition: \$250 two-day session - *Please check with your school and district for tuition support.*

Registration: <http://www.teachingscienceisphenomenal.org/pd.html>



Sessions feature the Gather, Reason, and Communicate Reasoning (GRC) instructional sequence and provide grade-level specific investigations for you to incorporate into your classroom. GRC lessons emphasize hands-on investigations that pique student curiosity and motivate students to learn science. This professional development is being planned for in person. We will also offer a hybrid option for those who choose to participate live online.

Brett Moulding is a nationally known PD provider and speaker. He is the director of the Partnership for Effective Science Teaching and Learning. Brett taught science for 20 years and was a state science specialist for 15 years in Utah. Kenneth Huff is a middle school teacher in the Williamsville Central School District in New York. He has been using GRC investigations in his classroom since the release of the NGSS. Kenneth is a National Board-Certified Teacher with 29 years of science teaching experience.

Continuing Teacher and Leader Education (CTLE) credits awarded through SUNY Buffalo State College.