

**THE NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE**

**Division of Behavioral and Social Sciences and Education**

**Board on Science Education 20th Anniversary Monthly Celebration:  
Classroom Impact of the Framework**

**Panelist Biographies**



**BRANDI HAGEMAN, M.Ed., NBCT**, is a National Board Certified Teacher at Port Townsend High School in Port Townsend, Washington where she teaches high school Biology and Physics, and in previous years has taught Forensic Science and Advanced Placement Biology. Mrs. Hageman serves on the Board of the Washington Science Teachers Association as the Past-President after serving as President from 2021-2023. Mrs. Hageman earned an M.A. in Science Education from Western Governors University; and a B.S. in Zoology from Michigan State University.



**MICHAEL SUNG LIM, B.A.**, is a high school chemistry teacher (in his 16<sup>th</sup> year) in urban environments for the second largest school district in the country: Los Angeles Unified School District. It is also his 8th year as a district science leader.

He has been trained in-person by Joseph Krajcik from CREATE for STEM and Mark Windschitl from Ambitious Science Teachers to teach and write NGSS-aligned curriculum. After professional development, he has written his own NGSS-aligned curriculum for the district, facilitated in-person and digital implementation of it, and curated other three-dimensional resources to hundreds of other educators. Some of his on-going projects are uploading new content to his website, you-tube channel and podcast to asynchronously support these educators.

As a voice in education, he has presented at three national NSTA conferences and has served on several committees to curate NGSS-aligned resources for organizations such as Harvard University, National Science Teacher Association, Achieve, and Concord Consortium.

He graduated from California State University, Northridge with a bachelor's in English Education and was certified to teach chemistry via examination by the California Teaching Commission. To maintain connections with other stakeholders, he frequently collaborates with professors from various universities and education specialists from other districts.



University of Nebraska.

**MIRANDA ORELLANA, M.A.**, is a fourth grade teacher with Lincoln Public Schools. Currently, she works with Riley Elementary School. She has extensive classroom experience in grade levels kindergarten through fifth grade within the Lincoln Public Schools District. She has served in multiple leadership roles within the district as a curriculum and school improvement liaison, on curriculum study committees, and as a mentor teacher for new hires. She has also presented at the state and national levels with NATS and NSTA. Miranda received an M.A. in Curriculum and Instruction from the University of Nebraska; and a B.A. in Elementary Education from the



in Teaching Awardee, PAEMST State Finalist, and the 2023 Association of Middle Level Education Educator of the Year. Autumn Rivera has a B.A. in biology from Colorado College; a M.A. in Secondary Science Education from Colorado College; and a MA in Educational Leadership from the University of Colorado, Colorado Springs. She is currently working on her Ed.D. at Walden University.

**AUTUMN RIVERA, M.A.**, is a sixth-grade science teacher at Glenwood Springs Middle School in the Roaring Fork School District in Colorado. She is also an adjunct professor at Colorado Mountain College in the Education Department. During her more than eighteen years as an educator, she has worked with students from elementary to postgraduate. Rivera empowers her students and strives to provide them with common background experiences. She was named the 2022 Colorado Teacher of the Year and a Finalist for National Teacher of the Year and is also a Golden Apple and Excellence