CONTENTS
Volume 24  No. 4  |  Winter 2020

Editorial: Addressing Public Mistrust of Science and Mathematics 1
Mark A. Bloom and Sarah Quebec Fuentes

Using Culturally Relevant Transformational Reading in a COVID-Era Online Science Teacher Preparation Class 6
Cherie McCollough

The Impact of Participating in a STEM Academy on Girls’ STEM Attitudes and Self-Efficacy 22
Sandy White Watson, Betty Thomas George, and Michelle Lynn Peters

Gender Differences in Student Attitudes towards Science in Secondary School Classrooms with and without NSF GK-12 Resident Scientists 50
Lisa M. Hanson, Julie F. Westerlund, and Phillip W. Vaughan

Science Instruction in STEM and Non-STEM High Schools 69
Gail Jones, Gina Childers, and Rebecca Stanley

Community College Human Anatomy and Physiology Faculty’s Professional Growth: The Influence of Prior Knowledge and Experience on Pedagogical Change 91
Laura C. Seithers, Audrey Rose Hyson, Kerry Hull, and Murray S. Jensen