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Timothy F. Slater, Ph.D., is an associate professor of astronomy at the University of Arizona where his scholarship focuses on the teaching and learning of science. He is the Director of the Conceptual Astronomy and Physics Education Research (CAPER) group in the Astronomy Department and his research focuses on student conceptual understanding in formal and informal learning environments, inquiry-based curriculum development, and authentic assessment strategies, with a particular emphasis on non-science majors and pre-service teachers. Most semesters, you can find him in a giant lecture hall teaching astronomy to 300 non-science majoring students at a time. He also teaches science teaching methods courses for future teachers. Professor Slater earned his Ph.D. at the University of South Carolina in geophysics and his MS from Clemson University in astrophysics. He holds two bachelors' degrees from Kansas State University, one in science education and one in physical science. He has extensive experience working with teachers and students in Hawai'i and works closely with programs at UH Institute for Astronomy. Professor Slater is the elected education officer for the American Astronomical Society, an elected member of the Board of Directors for the Astronomical Society of the Pacific, an elected councilor at large for the Society of College Science Teachers, is on the Editorial Board of the Astronomy Education Review, and has served multiple terms as chairman of the Astronomy Education Committee of the American Association of Physics Teachers. He represents the United States as the US National Chairman of the 2009 International Year of Astronomy. He is an author on more than 70-refereed articles, winner of numerous awards, and is frequently an invited speaker on improving teaching of science through educational research and teacher education.