

Scott Warner

Dr. Scott Warner has degrees in technology education from Millersville University (B.S.Ed., 1985), Ball State University (M.A.Ed., 1988), and West Virginia University (Ed.D., 2000). His professional resume includes teaching experiences at the middle school, high school, and university levels. Dr. Warner has been actively promoting design-based approaches to technology education through his involvement in the International Technology Education Association (ITEA) and the Industrial Designers Society of America (IDSA). He has authored, or co-authored more than 20 articles in various professional journals and he has given over 30 presentations to technology educators at state, regional, and international conferences. These articles and presentations have focused on design and creativity in technology education. Dr. Warner has been teaching at Millersville University since 2004. He prepares young people to become the type of technology educator that uses a designerly approach to teaching and learning.

Deborah Smith

Deborah Smith was recently featured with her students in the documentary film *The Sitting Machine*. Mrs. Smith has been teaching design-based learning projects for many years. These include *The Trolley Station Project*, *Build-a-Longhouse Project*, *The Sound Project* and for the past 5 years, *The Sitting Machine Project*. Recently she presented at Creativity Night during the *National Association for Gifted Children (NAGC)* convention in St. Louis, Missouri. She was the founder and director of *Lancaster Athenaeum*, a private middle school based on Socratic dialogue (1996-2000). Prior to that she had established her own business preparing correlations and contract work for textbook publishers. She is currently employed by the Elizabethtown Area School District as a Gifted and Talented Education Teacher in three elementary schools. Mrs. Smith is a graduate of Millersville University where she earned both a Bachelor of Science and a Master of Education.

Martin Rayala

Dr. Martin Rayala is an Assistant Professor in Art Education at *Kutztown University of Pennsylvania*. Dr. Rayala received his Ph.D. in art education from *The University of Oregon*. He earned a Master of Art in art education from the *University of Wisconsin–Madison*. For 20 years (1984-2004) he was the *State Supervisor for Art, Media and Design Education at the Wisconsin Department of Public Instruction*. He is an editor for *The Journal of Media Literacy* and the online magazine *andDESIGN* (<http://andDESIGNmagazine.blogspot.com>). Dr. Rayala has served on education committees for the *Kennedy Center Alliance for Arts Education Network*, the *Getty Institute for Arts Education*, the *Cooper-Hewitt National Design Museum*, and the *Los Angeles Unified School District*. Throughout his career he has been an advocate for the value of design-based education in grades K-12.

Jennifer Baker

Jennifer Baker is the Chair of the Design Department at the *Charter High School for Architecture and Design* (CHAD) in Philadelphia. She holds a BFA from *Tyler School of Art, Temple University*, and an MAT from *The University of the Arts*. Her professional experiences include over sixteen years of freelance fashion experience in film and television along with project management in interactive exhibition space design. Jennifer believes that design education is grounded by the act of problem solving, supported by the elements of art, and illuminated by the principles of design. Jennifer and her colleagues at CHAD work across disciplines to make the design process the vehicle that structures and transforms student inquiries into creative solutions. Ms. Baker has spoken to groups at *The Yale School of Management, The Greater Philadelphia Chamber of Commerce, The Franklin Institute, Association of Collegiate Schools of Architecture*, and *The Multi-Cultural Resource Center of Philadelphia Area Independent Schools*.

Wendy Green

Wendy Green has 22 years of teaching experience that ranges from middle school to post-secondary technical school. She currently teaches technology education at the *Marine Academy of Science and Technology* in Highlands, New Jersey. At the *Academy* she is primarily responsible for the 9th grade technology education course, but she also team-teaches the 12th grade Systems Engineering II capstone course. Ms. Green was the President of the *New Jersey Technology Education Association* in 2006-2007. The focus of her presidency was the integration of mathematics and science into technology education content, as well as inviting more students to become technology education teachers. Ms. Green is a graduate of *The College of New Jersey* (TCNJ) and also has an associate's in Architectural Design from *The American Institute of Design*. Outside of her teaching, she officiates women's high school basketball.

Shawn Gallagher

Dr. Gallagher has been a member of the faculty at Millersville University since 2003. He is an associate professor in the Department of Psychology. He received his B.S. in Vertebrate Physiology/Biology from *Penn State University*, where he had his first experiences with cognitive psychology. Dr. Gallagher earned his M.A. and Ph.D. in Behavioral Neuroscience from *The University of Delaware*. His graduate research gave him the opportunity to work with clinical psychologists, neurophysiologists, behavioral biologists, and computer scientists. Upon completing his dissertation, he spent another year at *The University of Delaware* as an assistant professor teaching courses in sensation and perception and neuroscience. His ongoing research interests are in visual perception and the neurological and perceptual changes brought about by vision loss due to eye disease or stroke.