

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**Teaching the Social and Behavioral Sciences in K-12 Education:
Past, Present, and Future**

Roundtable on the Communication and Use of Social and Behavioral Sciences

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Speaker Biographical Sketches

* denotes Roundtable member

Stephen Buckles currently teaches economics at Vanderbilt University as Principal Senior Lecturer in Economics and previously as Professor of Economics. He also serves as Senior Advisor for Programs for the Council for Economic Education. He previously served as President of the National Council on Economic Education (now CEE). He directed the Center for Economic Education and the Missouri Council on Economic Education at the University of Missouri. He is a past chair of the New York Stock Exchange Individual Investors Advisory Committee. He regularly lectures on macroeconomic policy in the Knight-Bagehot Program for Journalists at Columbia University. He chaired the College Board's initial Economics Advanced Placement Committee. He has been active in the creation, administration, and evaluation of the National Assessment of Educational Progress in economics. Buckles has served on writing committees for K-12 national standards in economics, national personal finance education standards, and the College, Career, and Civic Life (C3) Framework for Social Studies State Standards. He has authored and co-authored a number of articles on national and state standards and assessments. He earned his doctorate in Economics from Vanderbilt University.

Jim Diaz-Granados joined the American Psychological Association in 2015 and serves as Executive Director for Education. He leads the association's efforts to enhance the quality of teaching and learning outcomes at all levels of education and to increase financial and policy support for psychology education and training. These efforts include leading national summits on important topics such as the assessment of undergraduate psychology programs and the state and future of high school psychology. His research focused on the developmental, behavioral, and neurochemical aspects of alcohol abuse and addiction. Prior to joining the APA, Diaz-Granados served as Chair and Professor of Psychology, Neuroscience, and Biomedical Studies in the Department of Psychology and Neuroscience at Baylor University. He currently holds a Baylor appointment of Research Professor of Psychology and Neuroscience. He received his PhD in Psychology from The University of Texas at Austin.

Matt Krehbiel joined Achieve, Inc., in October 2015 as Associate Director, Science, and his work there focuses on science instructional materials and supporting implementation of the NGSS. He previously served as the state science supervisor in the Kansas State Department of Education, leading Kansas' participation as a lead state in developing the Next Generation Science Standards. In this role, he coordinated the work of the Kansas science standards committee. He also coordinated the state-wide

effort to use the implementation of these standards as an opportunity to advance science education for all students. Krehbiel also served on the Board and later as President of the Council of State Science Supervisors, an organization that serves to coordinate and support efforts of the state science supervisors of all states. He is also a member of the Board on Science Education for the National Research Council and, in that role, was on the committee that wrote the *Guide to Implementing the Next Generation Science Standards*. Krehbiel began his career in science education as a high school science teacher in Kansas, where he taught a wide range of high school science courses over ten years. He earned his B.A. in biology and natural sciences and his secondary teacher certification in general science, biology, and physics from Bethel College. He earned his M.S. in curriculum and instruction with a focus in science education from Kansas State University.

***Howard Kurtzman** is deputy executive director of the American Psychological Association's (APA) Science Directorate. He oversees programs that support advanced training for scientists, science policy and government relations, testing and assessment, research regulations and workforce analysis. Kurtzman comes to APA from the National Institute of Mental Health (NIMH), a component of the National Institutes of Health (NIH), where he served for 15 years as a program director overseeing grant funding for basic and translational cognition research. He was also active in organizing initiatives, conferences, and publications on a broad array of topics within the behavioral and social sciences for NIMH, NIH, and the Department of Health and Human Services (ranging from gender and sexual orientation to self-report processes to data archiving). Prior to joining NIMH, Kurtzman was on the faculty of the psychology department at Cornell University, where he taught and conducted research in psycholinguistics and cognitive psychology. He was the founding director of Cornell's undergraduate cognitive studies program. Kurtzman received his bachelor's degree from Cornell and his Ph.D. from the Massachusetts Institute of Technology, both in psychology. He was a post-doctoral fellow in cognitive science at the University of California, Irvine.

***Felice Levine** is executive director of the American Educational Research Association. Previously she was executive officer of the American Sociological Association. She was also director of the Law and Social Science Program at the National Science Foundation (NSF) and senior research social scientist at the American Bar Foundation. Levine's work focuses on research and science policy issues, research ethics, data access and sharing, the scientific and academic workforce, and higher education. She is currently collaborating on an NSF-supported assessment of education research doctorate programs in U.S. universities, and is principal investigator of the AERA Grants Program and member of its Governing Board. Levine is associate editor of the *Journal of Empirical Research on Human Research Ethics*. She serves on the Executive Committee of the Consortium of Social Science Associations, is chair of the Board of Directors of the Council of Professional Associations on Federal Statistics, and is secretary general of the newly established World Education Research Association. Levine is a fellow of the American Association for the Advancement of Science, the American Educational Research Association, and the Association for Psychological Science as well as an elected member of the International Statistical Institute. She has served on several National Research Council committees and is a member of the Joint Advisory Group on Becoming the Online Resource Center for Ethics Education in Engineering and Science. She holds A.B., A.M., and Ph.D. degrees in sociology and psychology from the University of Chicago.

Edward Liebow has been executive director of the American Anthropological Association (AAA) since 2013, after a long career in public policy research with the Battelle Memorial Institute. He joined

Battelle in 1986. Liebow maintains a position as affiliate associate professor of anthropology and interdisciplinary studies at the University of Washington. He has also been a visiting professor of applied anthropology and comparative economics at Università Carlo Cattaneo (Castellanza, VA, Italy), a senior fellow of the Fulbright Commission, and has served on the faculty of the CDC-sponsored Summer Evaluation Institute. He received his PhD in cultural anthropology from Arizona State University. Liebow also has a BA in sociology/anthropology from Carleton College.

***Arthur Lupia** is the Hal R. Varian professor of political science at the University of Michigan and research professor at its Institute for Social Research. His research clarifies how information and institutions affect policy and politics with a focus on how people make decisions when they lack information. He draws from multiple scientific and philosophical disciplines and he employs multiple research methods. As a founder of Time-Sharing Experiments in the Social Sciences he has helped hundreds of scientists from many disciplines run innovative experiments on opinion formation and change using nationally-representative subject pools. As an original and regular contributor to NSF's Empirical Implications of Theoretical Models summer program, he has developed curricula that show young scholars how to advanced scientific methods into effective research agendas. Now, as a Principal Investigator of the American National Election Studies he is helping to introduce many new procedural and methodological innovations to one of the world's best-known scientific studies of elections. He is a fellow of the American Association for the Advancement of Science, a member of the American Academy of Arts and Sciences, and a member of the National Academies' Division Committee on Behavioral and Social Sciences and Education. He earned a B.A. in economics from the University of Rochester, and an M.A. and Ph.D. in social science from the California Institute of Technology.

Dr. Alison Rios Millett McCartney is Professor of Political Science at Towson University and Faculty Director of Towson University's Honors College. She is the author and editor of several works on collegiate civic engagement, including serving as lead editor of and contributor to the American Political Science Association (APSA) book *Teaching Civic Engagement: From Student to Active Citizen* (with Elizabeth Bennion and Dick Simpson, 2013). Dr. McCartney is currently working as one of the editors for the APSA's next civic engagement book *Teaching Civic Engagement Across the Disciplines* (anticipated 2017). Her research focuses on connecting student learning about international relations, global issues, and local political issues with local civic engagement. She also created an example for running a college-sponsored Model United Nations which is free for high schoolers in middle-low income public school districts as a way to ensure that more high school students have access to college preparatory extracurricular activities and to develop skills for lifelong civic engagement for college students who also are from middle-low income backgrounds. She was awarded the University of Maryland System Regents' Award for Mentoring in 2009 and Towson University's Service-Learning Professor of the Year in 2014. Her teaching interests include civic engagement, European politics, and fostering undergraduate research. In addition to serving in the TU Honors College and directing TU's International Studies program, she is a past president of the Political Science Education section of the APSA. She earned her Ph.D. in foreign affairs from the University of Virginia.

Dr. Lawrence Paska is the Executive Director of the National Council for the Social Studies (Silver Spring, MD), the largest association in the country devoted solely to social studies education. Paska began his career as a middle school social studies teacher and later served in multiple roles at the New York State Education Department (NYSED). Among his contributions at NYSED were serving as a P-12 state social studies specialist and establishing the Office of Educational Design and

Technology in P-12 Education. Most recently, Paska served as the Director of Professional Development for the Southern Westchester Board of Cooperative Educational Services (BOCES), where he and his team provided instructional programs and services for 32 public school districts in the greater New York City region, supported data-driven instruction, developed instructional leadership seminars, and were instrumental in implementing the NYS K-12 Social Studies Framework. Paska served as the 2015-16 President of the New York State Council for the Social Studies. He has taught social studies education methods at the university level and holds permanent 7-12 social studies education and school district administrator certifications in the state of New York. He earned a B.A. in History and an M.A.T. in Social Studies from Union College (NY) and a Ph.D. in Curriculum and Instruction from the University at Albany (NY).

***Sheri Roder** is chief of the WHY group at Horizon Media. In leading the newly formed WHY group, she brought a richer understanding of the complex human motivations that translate to purchase behavior across the full Horizon client partnerships. Prior to Horizon Media, she led strategic planning on Pfizer, Wyeth and Merial accounts at Saatchi & Saatchi Consumer Healthcare, bringing consumer and brand-based strategy and insights to pharmaceutical advertising and communications. She also spent time in senior strategic planning roles at J. Walter Thompson and Gotham. Prior to life in the agency world, Roder spent several years at Pepsi before moving to Guinness/Diageo, both in London and the U.S. Roder was the catalyst in developing the overall marketing and advertising strategy behind the first Guinness advertising in the U.S., which ultimately resulted in 30% sales increase and won a Gold Effie, a Clio, AICP award and was a Cannes finalist.

Margaret Weigers Vitullo is the Director of Academic and Professional Affairs at the American Sociological Association where she works to support sociologists in academic and applied settings, sociology departments, and the teaching and learning of sociology at every level. Her most recent publications have focused the working conditions and needs of community college faculty in sociology. Her varied career has included being a staff sociologist at the Agency for Health Care Policy and Research and ten years as a faculty member and department chair at Gallaudet University. She has held her current position at ASA since 2007. She received her Ph.D. in sociology from the University of Michigan and completed a Robert Wood Johnson Scholars in Health Policy Research post-doc at the University of Michigan School of Public Health.