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Wm. David Burns is the co-founder and principal investigator of SENCER and the executive director of the National Center for Science and Civic Engagement. Prior to establishing the National Center at Harrisburg University of Science and Technology, he served as senior policy director for the Association of American Colleges and Universities, where he established the CDC-sponsored Program for Health and Higher Education and created the Summer Symposia dedicated to exploring the power that students have to improve the health of colleges and communities. He is the principal author and editor of Learning for Our Common Health and, among other publications, the article, "Knowledge to Make Our Democracy." For 23 years, Burns was a member of the administration of Rutgers, the State University of New Jersey. In 2008, Burns and SENCER co-founder Karen Kashmanian Oates were honored by the American Society for Cell Biology with the Bruce Alberts Award for Excellence in Science Education.

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Trace Jordan serves as associate director of the NYU's general education curriculum - the Morse Academic Plan - with responsibility for the Foundations of Scientific Inquiry program. This program provides innovative mathematics and science courses for over 1400 students each semester who are majoring in the arts, humanities, social sciences, business, and education. He also holds the positions of Adjunct Associate Professor in the Department of Chemistry, Director of Special Projects in the Office of Faculty Resources, and faculty affiliate of CREATE (Consortium for Research and Evaluation of Advanced Technologies in Education). He is a recognized expert in the principles and practice of promoting scientific literacy for all undergraduate students and has been extensively involved with the SENCER project since its inception. He has served as a SENCER Leadership Fellow, a member of the Steering Committee for SCI-MidAtlantic, and his NYU course on "Energy and the Environment" has been recognized as a SENCER model course. Jordan is active in other national organizations, serving as a Faculty member for the 21st Century in Project Kaleidoscope and a member of the Program Committee in the Division of Chemical Education of the American Chemical Society. He has active research
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Shree Dhawale earned a Ph.D. in genetics from Ohio State University. She is a broadly trained molecular geneticist with research interests in regulation of gene expression, biotechnology, molecular cloning, and use of herbal extracts for inhibiting cancer cell proliferation. Dhawale has won numerous grants and received the 1993 Researcher of the Year award from the Fort Wayne chapter of Sigma Xi Scientific Research Society. She was awarded a membership in Indiana University's Faculty Colloquium for Excellence in Teaching in 1995 and Science Teacher of the Year award from Sigma Xi in 2004. She is associate professor of biology and Honors Program director at Indiana University-Purdue University Fort Wayne.

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Matthew Fisher is an associate professor of chemistry at Saint Vincent College and served as department chair for seven years. He is also a Senior Fellow with the National Center for Science and Civic Engagement. He received a bachelor’s degree in biochemistry from Temple University in 1982 and a doctorate in biochemistry from the University of Wisconsin-Madison in 1990. In addition to his responsibilities as a faculty member, Matt was the director of Saint Vincent College’s Teaching Enhancement and Mentoring Program for seven years. He has developed two SENCER model courses: Chemistry of Daily Life: Diabetes and Malnutrition (2005) and Undergraduate Biochemistry Through Public Health Issues (2009). Chemistry of Daily Life is a course for non-science majors that fulfills general education requirements while Undergraduate Biochemistry Through Public Health consists of two courses for undergraduate STEM majors. Matt has been an active member of the ACS Division of Chemical Education, serving on the Division Program Committee and as meeting program co-chair for the Division’s program at the August 2008 ACS National Meeting in Philadelphia. He has been a member of the ACS Committee
on Environmental Improvement (CEI) for over a decade, has helped lead CEI's efforts in regards to education during that time, and serves as 2013 chair of the committee. Matt is a 2005 Carnegie Scholar and has given several presentations at conferences and facilitated workshops on integrative learning in the context of undergraduate science courses, published several book chapters on his work in SENCER, and coordinates NCSCE’s scholarship of teaching and learning initiative.

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Robert Franco is Director of Planning and Institutional Effectiveness at the University of Hawaii, Kapiolani Community College. He is a recognized expert on contemporary Samoan, Polynesian, and Pacific Islander demographic, ecological, health, and cultural issues. He has published scholarly research on contemporary Samoan political and cultural change, traditional Hawaiian water management systems, and sociocultural factors affecting pelagic fisheries in Polynesia and Micronesia. He currently serves as the College's accreditation liaison to the ACCJC/WASC, Association of American Colleges and Universities, American Council on Education, Community College Survey of Student Engagement, Carnegie Foundation, and Campus Compact where he serves as Senior Faculty Fellow for community colleges. Franco conducts training, technical assistance and research dissemination in five states per year (35 states total) and provides community college, university, and conference audiences with research-based training designed to improve retention, degree completion, and transfer rates through service learning, community-based research, and authentic partnerships. His current national research and training focuses on service learning and reducing the minority academic achievement gap, and strengthening the liberal arts, workforce development and civic missions of community colleges. In 2008, he was selected a NSF-SENCER Leadership Fellow, and advisor to SENCER Center for Innovation (SCI) -Western Region. He also is the College’s EPSCoR Coordinator and LSAMP Co-PI.

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**Cindy Kaus** is an associate professor of mathematics at Metropolitan State University in St. Paul, Minn. She earned her B.S. and M.S. degrees in electrical engineering at Arizona State University and her Ph.D. in mathematics at the University of Arizona. An advocate of incorporating civic issues in mathematics to reach groups of students typically underrepresented in the STEM disciplines, she has directed and co-directed various grants leading to curriculum reform in mathematics. In addition, she served as co-director of Mpower, a year-round mathematics program for urban middle school girls. She has been rewarded for her service to women at Metropolitan State University and has won awards for her outstanding teaching at Metropolitan State University, the University of Minnesota and the University of Arizona. To encourage teaching mathematics through civic issues, Cindy co-chaired a session at the Mathematical Association of America's MathFest 2008 titled "Teaching Mathematics and Statistics through Current Civic Issues"; hosted the 2009 Midwest SENCER Center for Innovation Fall Symposium titled "Teaching Quantitative Reasoning through Civic Issues"; and served as a visiting mathematician at the National Center for Science and Civic Engagement for the 2008-09 academic year. Cindy was elected to the inaugural class of SENCER Leadership Fellows in July of 2008.
Prior to coming to Metropolitan State University, Cindy was a visiting assistant professor of mathematics at the University of Minnesota and an electrical engineer at Honeywell Satellite Systems in Glendale, Ariz.

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Undergraduate Education in Science, Mathematics, Engineering, and Technology (1999); Serving the Needs of Pre-College Science and Mathematics Education: Impact of a Digital National Library on Teacher Education and Practice (1999); and Developing a Digital National Library for Undergraduate Science, Mathematics, Engineering, and Technology Education (1998). He has served as Director of the Center's Committee on Undergraduate Science Education, Deputy Director for the Center for Education, and oversees the National Academy of Science's efforts to improve the teaching of evolution in the public schools. Prior to assuming his position at the NRC Dr. Labov was a member of the biology faculty for 18 years at Colby College, Maine, where he taught courses in Introductory Biology, topics in Neurobiology, Animal Behavior, Mammalian and Human Physiology, and Tropical Ecology. He was elected as a Fellow in Education of the American Association for the Advancement of Science in 2005.

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Debra Meyer is a researcher and senior lecturer in the Biochemistry division of South Africa's Rand Afrikaans University. Her research efforts are on a vaccine or other therapies against HIV/AIDS. Beginning as a graduate student, she has been very active in HIV/AIDS education projects on campus, in high schools, and at various community forums. In Gauteng Province, she has done HIV/AIDS education for over 10,000 teenagers and young adults. Meyer advises the Township AIDS Project (an NGO) to help them initiate voluntary counseling and testing programs funded by international organizations, and continues her independent work in education and prevention efforts. She is regularly interviewed on TV, radio and for international and national magazines and newspapers regarding HIV/AIDS, and has written articles on the subject in South Africa for the secular media.

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He helped create and teach Gov/Pub/Sts/Wgs 388, Public Health Research: pregnancy outcomes in American women, which was named a SENCER model course in 2008. He has done field research in Nebraska on the influence of the nest environment on the fitness of hatching snapping turtles. He now does research on pregnancy outcomes in Amish women. He is a member of the Editorial Board for *Copeia*, the journal of the American Society of Ichthyologists and Herpetologists, and he has served as Associate Editor of *American Zoologist*, the journal of the Society for Integrative and Comparative Biology. He is the author of numerous 25 publications and has sponsored more than 30 undergraduate research projects. Miller received his B.A. from Antioch College with majors in Biology and Philosophy, his M.S. in Zoology from Colorado State University, and his Ph.D. in Zoology from the University of Oklahoma. He has received training in epidemiology from the Johns Hopkins University Bloomberg School of Public Health.

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