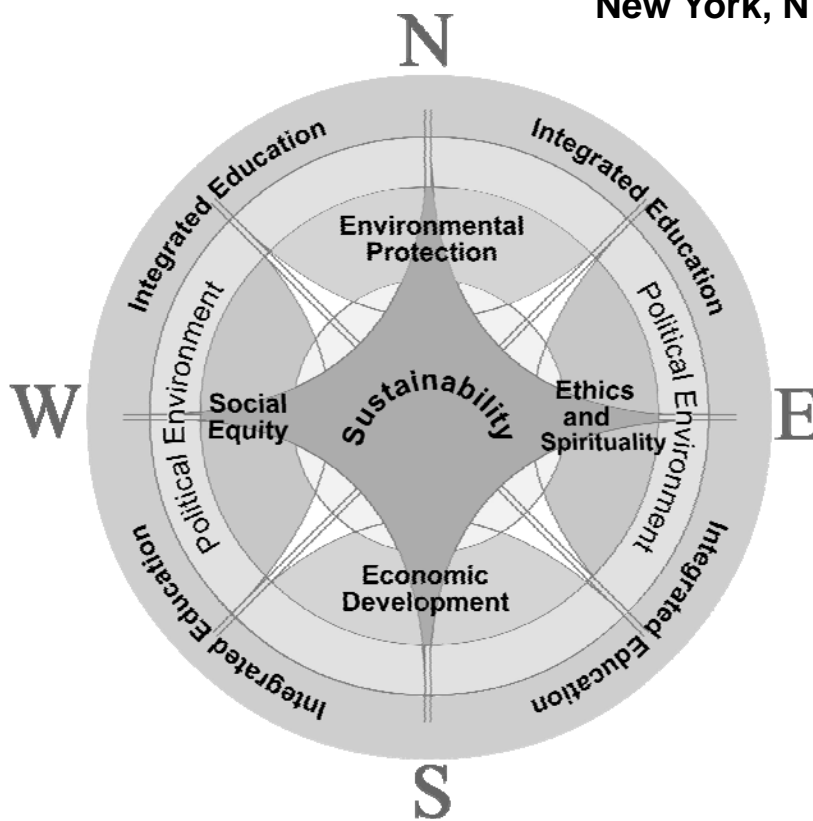


Navigating Sustainability: The Hudson and Beyond

April 15, 2010

Barnard College
New York, NY



Co-Sponsors

THE EARTH INSTITUTE
COLUMBIA UNIVERSITY



Environmental Consortium
of Hudson Valley Colleges & Universities

ACKNOWLEDGEMENTS

Special thanks to Barnard College for hosting this event, and to the Earth Institute and Columbia University for their support.

PLANNING COMMITTEE

Margie Turrin, *Lamont-Doherty Earth Observatory*

Timothy Kenna, *Lamont-Doherty Earth Observatory*

Stephanie Pfirman, *Barnard College*

Geoffrey Brackett, *Pace University*

Theodore Eismeier, *Hamilton College*

Bruce Jennings, *Center for Humans and Nature*

Brian Jensen, *College of Saint Rose*

Lucy Johnston, *Vassar College*

Kelsey Jordahl, *Marymount Manhattan College*

Donna Kowal, *Pace University and the Environmental Consortium*

Michelle Land, *Pace University and the Environmental Consortium*

Maryl Nadel, *The College of New Rochelle*

ABOUT THE ENVIRONMENTAL CONSORTIUM

The Environmental Consortium of Hudson Valley Colleges & Universities was established in 2004 to advance our understanding of the cultural, social, political, economic and natural factors affecting the Hudson River Watershed. By promoting collaboration among its members, the Consortium works to provide ecosystem-based curricular and co-curricular programming aimed at improving the health of the regional ecosystem.

www.environmentalconsortium.org

ABOUT THE EARTH INSTITUTE, COLUMBIA UNIVERSITY

The Earth Institute's overarching goal is to help achieve sustainable development primarily by expanding the world's understanding of Earth as one integrated system. We work toward this goal through scientific research, education and the practical application of research for solving real-world challenges through our 850 scientists, postdoctoral fellows, staff and students working in and across more than 30 Columbia University research centers. **www.earth.columbia.edu**

AGENDA

5:30pm **Check-In**

6:00pm **Welcome**

Stephanie Pfirman, Ph.D.

Professor in Environmental and Applied Sciences
Co-Chair Environmental Science Department
Barnard College, Columbia University

6:10pm **Panel Discussion**

Geoffrey L. Brackett D.Phil. (Oxon.) (Moderator)

Provost, Executive Vice President for Academic Affairs
Pace University

Patricia J. Culligan, Ph.D.

Civil Engineering and Engineering Mechanics
Columbia University

Theodore J. Eismeier, Ph.D.

Professor of Government
Hamilton College

Bruce Jennings, M.A.

Director of Bioethics
Center for Humans and Nature

Marilyn Power, Ph.D.

Faculty in Economics
Sarah Lawrence College

Meg Walker, M.A.

Vice President
Project for Public Spaces

7:30pm **Adjourn**

BIOGRAPHIES

Geoffrey L. Brackett During his 19 years at Pace University, Geoff Brackett has served as professor, chairman of the English Department, and currently as Provost and Executive Vice President for Academic Affairs. A member of the Modern Language Association, the Northeast Society for Eighteenth Century Studies, and the North American Society for the Study of Romanticism, Geoff has presented in many conferences on literature from the Romantic Period through the Beat Generation throughout his academic career. He presented at the American Museum of Natural History during the New York City International Polar Weekend on the importance of the literary understanding of the Polar Regions in the context of environmental awareness. He is currently editing a textbook of collected writings about aesthetics, literature, and environmental studies entitled *The Hudson River and the American Tide: A Reader*, which grew out of courses taught at Pace, and has recently completed a travel memoir about his trips to Alaska and Antarctica, *Occidental Traveler*. After completing his undergraduate studies at DePauw University, Brackett earned his D.Phil. in English Literature at the University of Oxford. Beyond his academic achievements, Geoff is a songwriter and a musician and member of Broadcast Music, Inc.

Patricia J. Culligan Patricia Culligan is a Professor of Civil Engineering and Engineering Mechanics at Columbia University in the City of New York. Her research focuses on applying geo-environmental engineering principles to multiple issues, including problems involving groundwater flow and contaminant transport as well as the challenges of urban sustainability. Dr. Culligan is the founder and Director of Columbia University's Education Center for Sustainable Engineering and a member of the Earth Institute's Urban Design Lab. Dr. Culligan is the author or co-author of over 100 technical articles, including five books, four book chapters, and over 70 refereed journal and conference proceedings. She received her Ph.D. in Civil Engineering from Cambridge University, England and currently serves as the Vice-Dean for Academic Affairs for Columbia's School of Engineering and Applied Science.

Theodore J. Eismeier Ted Eismeier is Professor of Government at Hamilton College, where he directs the Semester in Washington Program. He is the author (with Philip H. Pollock III) of *Business, Money, and Rise of Corporate PAC's in American Elections* (1998), and his work on American politics and policy has appeared in the *American Journal of Political Science*, the *British Journal of Political Science*, *Journal of Policy Analysis and Management*, *Political Behavior*, *Polity*, and a number of edited volumes. He earned his Ph.D. from Yale University and is currently working on a book about the politics of the Hudson River.

BIOGRAPHIES

Bruce Jennings Bruce Jennings is a political scientist by training (Yale University B.A. 1971 and Princeton University M.A. 1973) and currently serves as the Director of Bioethics at the Center for Humans and Nature (CHN), a private, nonpartisan research and educational institute that studies philosophical, ethical, and policy questions arising at the intersection of environmental policy, public health, and regional planning. Mr. Jennings also serves as editor of CHN's electronic journal, *Minding Nature*. Since 1996 he has taught at the Yale University School of Public Health and has been a leader in ethics education in the field of public health. In addition, he holds a faculty appointment at the Weill Medical College-Cornell University. He also is Senior Consultant and an elected Fellow at The Hastings Center, a research institute that studies ethical and social issues in medicine, the life sciences, and the professions, where he also served as Executive Director from 1991 - 1999. Mr. Jennings has written and edited twenty books and has published numerous articles on bioethics and public policy issues. Among his recent books are *Public Health Ethics: Theory, Policy and Practice* (2007) and *The Perversion of Autonomy: the Proper Uses of Coercion and Constraints in a Liberal Society*, 2nd Ed. (2003). Work in progress includes a study of the relationship between the concept of nature and the concept of culture in modern social philosophy.

Marilyn Power Marilyn Power's special interests include economics of gender, race, and class; feminist economics; political economics of the environment; the history of economic thought; and macroeconomics. She is author of articles in *Feminist Studies*, *Review of Radical Political Economics*, *Industrial Relations*, *Feminist Economics*, and others. Power is co-author of *Living Wages, Equal Wages: Gender and Labor Market Policies in the United States* (Routledge, 2002). She joined Sarah Lawrence College in 1990, and earned her BA and Ph.D. from the University of California-Berkeley.

Meg Walker A registered architect and licensed planner, Meg Walker is Vice President and Director of Design at Project for Public Spaces, Inc., a unique, non-profit planning and design firm located in New York City that is dedicated to helping people create public spaces that build strong communities. She has lived in the Village of Hastings-on-Hudson for sixteen years where she served as the Planning Director from 1998 to 2003, and is now on the Board of Trustees. Her challenges as Trustee are to revitalize Hastings' downtown and to help plan its 50-acre derelict waterfront. Meg has a B.A. in government from Wesleyan University and a Master of Architecture from Columbia University.

River Summer 2010

Navigating Sustainability: The Hudson and Beyond

July 8-31, 2010



- Intensive interdisciplinary multi-institutional faculty development program focused on the Hudson River Watershed
- Journey from the New York City Harbor to the Headwaters of the Hudson in the Adirondack mountains
- Groups of faculty participants live, work and teach each other aboard an 80' research vessel on the Hudson or in a field camp setting in the Adirondacks
- Faculty participate in modules as “teachers” or “learners”
- Innovative methods of teaching
 - Hands on approaches
 - Field-based pedagogies
 - Variety of perspectives and disciplines

River Summer is funded by a grant from the Mellon Foundation. Faculty participate per module at no cost, meals are included.

www.riversummer.org

ABOUT RIVER SUMMER

Join us this summer as River Summer launches its sixth season of collaborative teaching and learning on the river! An intensive faculty development program of the Environmental Consortium, the River Summer program operates off the platform of the SUNY Stony Brook University's School of Marine and Atmospheric Sciences R/V Seawolf, taking faculty onto the Hudson River to analyze the development of the watershed within an interdisciplinary framework. The program focuses on field based learning and active participation by the members. Educators take turns being students and teachers, learning and exploring new disciplines. Using the geology, hydrology and landscape of the river as a foundation, River Summer focuses on understanding the Hudson's natural resources within the context of its cultural history. Place-based field experience is grounded in team teaching and participation among institutions that are geographically and ethnically diverse—from research universities to liberal arts and community colleges. Through River Summer, the Hudson Valley becomes an extended laboratory and classroom, where faculty members can gain new resources to enrich their teaching at their home institutions.

This summer our program will extend tonight's topic: *Navigating Sustainability: The Hudson and Beyond*. With sustainability, green thinking and smart planning a driving energy at local, regional, and national levels, it is important to focus on how we achieve our successes, and what stands in the way of our progress. Politics, economics, ethics, social structure and processes, the natural world and technology all play a role in our future. River Summer will tackle these 'big concepts' and how they play out in our local communities.

This summer we will run four modules. On the river we will be operating from Stony Brook's 80' research vessel, and in the Adirondacks we will set up base at the SUNY-ESF Adirondack Ecological Center (AEC) in Newcomb.

Module 1: July 8-12 - New York City and Its Waterways

Module 2: July 13-17 - Mid Hudson Region

Module 3: July 19-23 - Kingston and the Catskills

Module 4: July 25-31 (Adirondacks) - Headwaters Region of the Hudson

We are still 'gathering' content for the summer and would encourage all interested parties, those who wish to deliver a program as a 'teacher', those who wish to participate as a 'learner', and those who wish to do both, to speak with us.

Contact Margie Turrin or Tim Kenna for more information or to register.
mkt@Ideo.columbia.edu, 845-365-8494; tkenna@Ideo.columbia.edu



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