

2015-16 Wells College Faculty Conducting Sustainability-related Research

Christopher Bailey

Professor
Chemistry

Dr. Bailey's research interests are in the field of bioinorganic chemistry, which is the study of how transition metal ions are used in biological systems. Professor Bailey likes to use chemical means to study biological problems.

EDUCATION

1982 B.S. Beloit College, Chemistry
1987 Ph.D. University of Vermont, Inorganic Chemistry

PRESENTATIONS

Dr Bailey team taught a summer faculty workshop on "*Materials Science and Nanotechnology for Chemists*" with George Lisensky at Beloit College, July 26-31, 2015. The workshop, which was sponsored by the cCWCS (Chemistry Collaborations Workshops and Communities of Scholars) and funded by the NSF, was intended to teach college faculty how to introduce these important topics into their classrooms and undergraduate laboratories. Among the topics covered were the synthesis of several types of nanoparticles, self-assembling monolayers, solid state stoichiometry, semiconductors, quantum dots, **organic solar cells**, **light emitting diodes**, optical transform, and piezoelectricity

Gehan S. Dhameeth

Assistant Professor
Business

Dr. Dhameeth has led teams in product management, marketing and sales management, and strategic planning with companies in the U.S. and Sri Lanka; spent time training and interacting with multinational organizations in Austria, Germany, and Italy; and managed his own management consultancy company in New York City. These roles have contributed to a practical understanding of business and management that grounds his teaching and research in real-world business techniques and cross-cultural organizations.

EDUCATION

2003 B.Sc. University of Colombo
2006 M.B.A. University of Cardiff
2012 D.B.A. Jones International University

SELECT PUBLICATIONS

Dhameeth, G. and Constantine, D., (2015), "*Producing Ethanol from Switchgrass; A Literature Review on a Business Feasibility*", *Journal of Basic and Applied Research International*- ISSN 2395-3438

Dameeth, G (2014), "Influence of Cultural Factors for Global Brand Management", *Journal of Business and Management (JBM)*- Vol. 3, Issue 4, 2014.

Dhameeth (2012), "An Investigation on Consideration of Multicultural Perspectives for Brand Management in Multinational Organizations in the United States"- *American Society of Business and Behavioral Science* - ISSN 1934-0583: p170-178

Deborah A. Gagnon

Associate Professor

Psychology

Dr. Gagnon's primary area of scholarship in psychology focuses on language — how we perceive, produce, and use it — but her recent interests have migrated to strengths-based psychology, creative self-expression, service learning, and pedagogical scholarship.

EDUCATION

1986 B.A. University at Buffalo, Psychology

1989 M.A. University at Buffalo, Psychology

1993 Ph.D. University at Buffalo, Cognitive Psychology

1993-1996 NIH Postdoctoral Fellow, Albert Einstein Medical Center (Philadelphia), Neuropsychology Research Institute, Cognitive Neuropsychology

SELECT PUBLICATIONS

Gagnon, D.A., Moore, G.M., & Shanmuganathan, G.D. (2014). Factors mediating between employee strategy awareness and commitment to organizational success. *Journal of Management and Sustainability*, 4 (4), 24-31.

Gagnon, D., & Morfei, M. (January, 2007). *Diversifying the Psychology Curriculum: Lessons Learned (or, When Worlds Collide)*. 29th Annual National Institute on the Teaching of Psychology (NITOP), St. Petersburg Beach, FL.

Michael Groth

Professor

History

Professor Groth's interests lie in general U.S. history, African American history, and New York State history. In addition, he performs research in race, ethnicity, and immigration studies. For him, history is not the rote memorization of facts and dates, but the critical interpretation of evidence to compose a compelling narrative that gives meaning to the human experience. He believes that we must attempt to interpret the past if we are to understand where we are and where we are going.

EDUCATION

1987 B.A. Williams College

1989 M.A. Binghamton University

1994 Ph.D. Binghamton University

SELECT PUBLICATIONS

Groth, M., "Laboring for Freedom in Dutchess County" in M. Armstead, ed. *Mighty Change, Tall Within: Black Identity in the Hudson Valley*. SUNY Press, 2003.

Groth, M. "Slaveholders and Manumission in Dutchess County." *New York History* 78:1 (1997): 33-50.

Groth, M. "The Struggle to Build a Free African-American Community in Dutchess County, 1790-1820." *The Hudson Valley Regional Review*, 14:2 (1997): 24-34.

Lisa Kahaleole Hall

Associate Professor
Women's Studies

Professor Hall is interested in the intersections of race, colonialism, and indigeneity with gender and sexuality. She is currently engaged with two different scholarly projects—one an exploration of the space for the grassroots cultural productions of indigenous women and women of color in the US "Women in Print" movement of the 1970-90s, and the second a transnational comparison of indigenous feminisms in the US Hawaii, Australia and Aotearoa / New Zealand.

EDUCATION

B.A. cum laude Yale University, Women's Studies
M.A. University of California at Berkeley, Ethnic Studies
Ph.D. University of California at Berkeley, Ethnic Studies

SELECT PUBLICATIONS

Lisa Kahaleole Hall. "Navigating Our Own 'Sea of Islands:' Remapping a Theoretical Space for Native Hawaiian Women and Indigenous Feminism." *Wicazo Sa Review: Native Feminisms: Legacies, Interventions, and Indigenous Sovereignties*, 24:2 (2009).

Lisa Kahaleole Hall. "Strategies of Erasure: US Colonialism and Native Hawaiian Feminism," *American Quarterly* 60: 2 (2008), 273-280.

Kent Klitgaard

Professor
Economics

Professor Klitgaard's primary research interest is ecological economics: conceptualizing the economy as a subsystem of a larger biophysical system. He is also interested in the history of economic analysis, economic history, progressive economic theory (known as political economy), and the interrelation of technological change and the organization of work.

EDUCATION

1974 B.A. San Diego State University
1979 M.S. University of New Hampshire
1987 Ph.D. University of New Hampshire

SELECT PUBLICATIONS

Klitgaard, Kent 2013. The failed growth economy, stagnation, and biophysical limits to growth. *International Journal of Social Science Research*. 1(1): 140-157.

Klitgaard, Kent and Krall, Lisi. 2012. Ecological economics, degrowth, and institutional change. *Ecological Economics*. 84: 247-253.

Hall, CAS and Klitgaard, Kent. 2011. *Energy and the Wealth of Nations*. New York: Springer.

Tukumbi Lumumba-Kasongo

Professor
Political Science
International Studies

Professor Lumumba-Kasongo's specific interests in political science are varied and timely. Comparative politics, international relations, political economy, education, philosophy, and classical studies are all intertwined in the classes he teaches. Political science provides theoretical tools and empirical knowledge about the origins, structures, and functioning of the institutions and systems of power and governance, including those of the nation-states, citizenry, political institutions, multinational and transnational agencies, and other political forces such as gender and social class. This understanding helps students comprehend why political actors behave the way they do, the values they represent, how they make certain types of decisions, and the impact of those decisions on the environment, households, and society at large.

EDUCATION

1972 Diplôme d'Agrégation, Université Libre du Congo
1972 B.A. Université Libre du Congo
1975 M.A. Harvard University
1980 M.A. The University of Chicago
1981 Ph.D. The University of Chicago

SELECT PUBLICATIONS

Lumumba-Kasongo, T. *Who and What Govern in the World of the States?: A Comparative Study of Constitutions, Citizenry, Power, and Ideology in Contemporary Politics*, Lanham, Maryland: University Press of America, 2005.

Lumumba-Kasongo, T. "Reconceptualizing the State as the Leading Agent of Development in the Context of Globalization in Africa." *African Journal of Political Science / Revue Africaine de Science Politique* 7:1 (2002): 79-108.

Sarah Markowitz

Assistant Professor
Psychology

Professor Markowitz's research focuses on the relationship between health behavior and mood, with an emphasis on exercise and adherence to medical regimens.

EDUCATION

2002 A.B. Brown University, Psychology
2007 M.S. Rutgers, Clinical Psychology
2009 Ph.D. Rutgers, Clinical Psychology

SELECT PUBLICATIONS

Markowitz, S. M., Carper, M. M., Gonzalez, J. S., Delahanty, L. M., Safren, S. A. (2012). "Cognitive behavioral therapy for the treatment of depression and adherence in patients with type 1 diabetes: pilot data and feasibility." *Primary Care Companion: CNS Disorders*, 14(2).

Markowitz, S., Gonzalez, J., Wilkinson, J., & Safren, S. (2011). "A review of Treating depression in diabetes: emerging findings." *Psychosomatics*, 52(1), 1-18.

Markowitz, S., Friedman, M. A., & Arent, S. M. (2008). "Understanding the relation between obesity and depression: Causal mechanisms and implications for treatment." *Clinical Psychology: Science and Practice*, 15(1), 1-20.

Laura McClusky

Professor

Sociology and Anthropology

Professor McClusky teaches students about corporate power and social and economic inequalities in the education and food systems. She focuses on the problems of capitalism, U.S. Relations in Latin America, and the effects of globalization on indigenous peoples. Her research looks at issues of domestic violence among Maya in Belize, as well as current social movements in the United States, particularly Critical Mass. She has also done research on Han Chinese concepts of dreaming.

EDUCATION

1985 B.A. University at Buffalo, Anthropology & Psychology

1989 M.A. University at Buffalo, Anthropology

1998 Ph.D. University at Buffalo, Anthropology

SELECT PUBLICATIONS

McClusky, L.J. *Here Our Culture is Hard: Stories of Domestic Violence from a Mayan Community in Belize*. Austin: University of Texas Press, 2001.

Milene Z. Morfei

Professor

Psychology

Professor Morfei's most recent research work reflects her own generative concern for her students and for the planet that they will inherit. Her current scholarship and teaching are focused on applying psychological concepts to change environmentally destructive behavior and to promote sustainability at Wells College.

EDUCATION

1989 B.A. Wells College

1994 M.S. Syracuse University

1997 Ph.D. Syracuse University

SELECT PUBLICATIONS

Morfei, M.Z. (2013). Psychology, Sustainability, and Sense of Place. In W.P. Boring & W. Forbes (Eds.), *Teaching Sustainability: Perspectives from the Humanities and Social Sciences* (pp. 144 –151.). Nacogdoches, TX: Stephen F. Austin State University Press.

Vic Muñoz

Professor

Psychology

Gender Studies

Professor Muñoz's focus is studying the intersections and borders of ethnic, cultural, sexual, class, and gender identities. As a qualitative researcher, Professor Muñoz relies on inductive methods (in-depth interviewing, narrative analysis, documentary photography, and video) and multimedia digital technologies to generate theory. Professor Muñoz is interested in research and teaching methodologies which lead to new understanding and knowledge in psychology and education which support social justice and liberation.

EDUCATION

1983 B.A. University of Massachusetts at Amherst, Photography, Film, Biological Sciences (individualized major)

1985 M.Ed. University of Massachusetts at Amherst, Math, Science, Technology, and Education Project

1993 Ed.D. Harvard University, Human Development and Psychology

SELECT PUBLICATIONS

Muñoz, V. Orienting Gender, Disorienting Sex: Exploring the Shifting Relations Between Gender Identity, Sexual Identity, and Sexual Orientation Among Transgender Youths and Adults, in De Cecco, J. (series ed.), *Gay, Lesbian, and Transgender Studies*. Binghamton: Haworth Press, forthcoming in 2006.

Niamh O'Leary

Professor

Environmental Science

Professor O' Leary is interested in environmental issues, natural ecosystems, and the interactions between the human race and the natural environment. Her major interests include sustainable agriculture, water quality, and watershed pollution.

EDUCATION

1990 B.S. University College of Cork, Ireland

1995 Ph.D. Cornell University

SELECT PUBLICATIONS

O' Leary, N., Vitello, S. C., and S. K. Anderson. 2012. Charting a New Energy Future in Caroline, N.Y.: Planning and Evaluating a Public Participation Process. 39th Annual Fall Scientific Poster Session, Rochester Academy of Science

O' Leary, N, Erickson, B. Schnurr, J., and Herzig, A., 2010. "The Impact of Adjacent Land Use on Soil Nitrate Levels, Deer Population and Herbivory Rates at Two Forested Sites in Cayuga County. 6th Annual Finger Lakes Research Conference.

Ernie Olson

Professor
Anthropology
Religion

Professor Olson's interests include the anthropological study of the Pacific, particularly Tonga, Hawaii, and Native America. The specialized areas for his teaching and research include environmental justice, culture change, ritual studies, religion, and colonialism.

EDUCATION

1980 B.S. University of Montana, Anthropology
1985 M.A. University of Arizona, Anthropology
1993 Ph.D. University of Arizona, Anthropology

SELECT PUBLICATIONS

Olson, E. Enduring Traditions among the Eastern Shoshoni. Endangered Peoples of North American and the Caribbean. Greenwood Press, 2004.

Olson, E. Leaving Anger Outside the Kava Circle: An Important Context of Conflict Resolution in Tonga." Cultural Variation in Conflict Resolution: Alternatives to Violence. Lawrence Erlbaum Press, 1997.

Daniel G. Renfrow

Associate Professor
Sociology

Professor Renfrow is intrigued with the unexamined, taken-for-granted systems of meaning that influence our everyday lives. As a sociological social psychologist, his research and teaching explore the micro-foundations of societal inequalities based on sex, gender, and sexuality. His recent work centers the body within sociological analysis.

EDUCATION

1999 B.A. Eastern Kentucky University, Sociology (summa cum laude)
2002 M.A. University of Washington, Sociology
2005 Ph.D. University of Washington, Sociology

RECENT PUBLICATIONS

Renfrow, Daniel G. and Judith A. Howard. 2013. "Social Psychology of Gender and Race." *Handbook of Social Psychology*. Edited by John D. Delamater and Amanda Ward. NY: Springer.

Jaclyn Schnurr

Professor

Biology

Environmental Science

Professor Schnurr's research investigates responses of plants to differing environmental conditions – from the fates of seeds, to growth and reproduction of adults, and finally to uses of the plants by people, both in disturbed and undisturbed areas. These topics are well adapted to hands-on learning by students in both independent and lab settings. Her philosophy is that students learn best by doing, and even simple, short-term research projects are valuable to both the field of plant biology and a student's education.

EDUCATION

1994 B.S. Cornell University

2000 Ph.D. Idaho State University

SELECT PUBLICATIONS

Schnurr J.L., and Canham, C. D. (2015) "Linkages among canopy tree neighborhoods, small mammal herbivores, and herbaceous communities in temperate forests", *Journal of Vegetation Science*.

Schnurr, J.L. and B.S. Collins. 2007. Influences on Oak and Pine Establishment with time-since-fire in Sandhills *Pinus palustris* (Longleaf pine) forests. *Southeastern Naturalist* 6(3): 523-534.

Tripler, E.E., Canham, C.D., Inouye, R.S., & Schnurr, J.L. 2005. Competitive hierarchies of temperate tree species: interactions between resource availability and white-tailed deer. *Ecoscience* 12(4): 494-505.

Susan Tabrizi

Associate Professor

Political Science

Professor Tabrizi studies American Politics. Her research interests include the nature of public opinion, political ideology and political values. Her current research investigates the multiple meanings of the concept equality and their relation to issues such as social welfare, affirmative action, the minimum wage and gay rights. In addition, she is interested in the ideological underpinnings of attitudes about global climate change.

EDUCATION

B.A. 1994 Utica College of Syracuse University (Political Science)

M.A. 1996 University of South Carolina (American Politics, Political Theory)

M.A. 1997 State University of New York at Stony Brook (American Politics, Political Psychology, Methodology)

Ph.D. 2002 Stony Brook (American Politics, Political Psychology, Methodology)

SELECT PUBLICATIONS

Tabrizi, Susan J. 2010. "Sustainability and Ideology: The Politics of Global Warming."

Tabrizi, Susan J. 2004. "At What Price? Security, Civil Liberties, and Public Opinion in the Age of Terrorism".

Chapter 9 in, *American National Security and Civil Liberties in an Era of Terrorism*. David B. Cohen and John W. Wells, eds. Palgrave Press
