

## Sustainability Education in the Liberal Arts Context Mellon 23 Workshop Proposal

**Host Institution:** Pomona College, Claremont, CA

**Schedule:** June 2010

### Participants

Participants include faculty from a variety of disciplines along with relevant sustainability staff members from participating institutions. While the workshop deals with faculty-oriented curriculum issues, the planning team felt it important to include relevant staff members whose responsibilities include incorporating sustainability issues into the curriculum. It is understood that staff travel will not be funded by this grant.

**Confirmed:** *These faculty and staff members have confirmed their desire to participate and their CVs are attached here.*

#### Faculty

- Christopher Chinn, Classics (Pomona College)
- Ann Davis, Philosophy (Pomona College)
- E. Carr Everbach, Engineering (Swarthmore College)
- George Gorse, Art History (Pomona College)
- Richard Haskell, Physics (Harvey Mudd College)
- Dan Hornbach, Biology/Environmental Studies (Macalester College)
- Nan Jenks-Jay, Environmental Studies/Dean of Environmental Affairs (Middlebury College)
- Zayn Kassam (Pomona College)
- Michelle McCauley, Psychology (Middlebury College)
- Char Miller, History/Environmental Analysis (Pomona College)
- Jennifer Perry, Anthropology (Pomona College)
- Sheila Pinkel, Studio Art (Pomona College)
- Katie Purvis-Roberts, Chemistry (Scripps College/ Claremont Joint Science)
- Alan Shusterman, Chemistry (Reed College)
- Charles Taylor, Chemistry (Pomona College)
- David Tanenbaum, Physics (Pomona College)
- Kate Thomas, English (Bryn Mawr College)
- Hans-Jakob Werlen, German Section – Modern Languages and Literature (Swarthmore College)
- Richard Worthington, Politics (Pomona College)
- Catharine Wright, Writing (Middlebury College)

#### Staff

- Jack Byrne, Sustainability Integration Office (Middlebury College)
- Bowen Close, Sustainability Integration Office (Pomona College)
- Suzanne Hansen, Sustainability Manager (Macalester College)

**Additional Participants:** *These faculty and staff members have confirmed their desire to participate but have not yet supplied a CV.*

#### Faculty

- Robert Kaplan, Biology (Reed College)
- Michael O'Malley, Studio Art (Pomona College)

- John Petersen, Environmental Studies (Oberlin College)
- Hans Rindisbacher, German Language, Literature and Culture (Pomona College)
- Hope Tucker, Film & Media Culture (Middlebury College)

### **Workshop Liaisons/Organizers**

Charles Taylor, Chemistry (Pomona College)  
 Chair, President's Advisory Committee on Sustainability  
[charles.taylor@pomona.edu](mailto:charles.taylor@pomona.edu)

Bowen Close, Sustainability Integration Office (Pomona College)  
[bowen.close@pomona.edu](mailto:bowen.close@pomona.edu)

Katie Purvis-Roberts, Chemistry (Scripps College/ Claremont Joint Science)  
[kpurvis@jsd.claremont.edu](mailto:kpurvis@jsd.claremont.edu)

Richard Haskell, Physics (Harvey Mudd College)  
[Richard\\_Haskell@hmc.edu](mailto:Richard_Haskell@hmc.edu)

Suzanne Hansen, Sustainability Manager (Macalester College)  
[shansen2@macalester.edu](mailto:shansen2@macalester.edu)

Michelle McCauley, Psychology (Middlebury College)  
[mccauley@middlebury.edu](mailto:mccauley@middlebury.edu)

### **Workshop Description**

While environmental studies and other sustainability-related associated curriculum programs become increasingly common at institutions of all sizes and types, it is important to find ways to incorporate environmental issues and concerns into a wide variety of classes and to reach a broader audience of students, faculty, and researchers. This workshop will further explorations of how liberal arts institutions can engage in innovative means of incorporating issues of environmental concerns and sustainability into and across the curriculum. Participants will engage in discussion of what “sustainability education” means in the liberal arts context, including how to ensure that every student at an institution receives the knowledge and tools necessary to understand current environmental issues and to generate solutions. Participants will share best practices in integrating sustainability into their classroom and research activities.

This two-day workshop will cover a variety of sustainability-related concerns for those teaching at liberal arts institutions, covering the range from pedagogical theory to practical strategies for coordinating efforts and getting information. The event will include workshops, small-group discussion sessions, presentations, and a keynote lecture, and will be relevant to faculty of all disciplines and backgrounds. The event is meant for those with some experience teaching or being involved with sustainability issues and efforts.

Workshop sessions will be led by faculty or administrators with expertise or knowledge in that area. Topics are likely to include:

- Incorporating sustainability into service-based learning efforts  
*Possible chair: Richard Worthington, Pomona College*
- Using the campus as a living/learning laboratory for sustainability education  
*Possible chair: Dan Hornbach, Macalester College*

- Sustainable design –intersections between architecture and urban and landscape design and sustainability  
*Possible chair: George Gorse, Pomona College*
- Incorporating ethics into sustainability discussions  
*Possible chair: Ann Davis, Pomona College*
- Sustainability and art education  
*Possible chair: Sheila Pinkel, Pomona College*
- Using GIS and other technologies to teach sustainability  
*Possible chair: Warren Roberts, Honnold Mudd Library GIS Technician*
- Incorporating environmental justice issues in sustainability education

Discussion sessions will be moderated by a participant and will include the following topics:

- The goals of sustainability education in the liberal arts context
- Strategies for collaboration amongst departments and institutions

Other activities during the workshop will include:

- Presentations of participating institutions' campus- and community-based sustainability efforts
- Tours of the Claremont Colleges and their sustainability efforts
- Presentation of the Claremont Colleges Environmental Analysis Program currently under development

The workshop will feature a keynote speaker to discuss sustainability education. Potential speakers include:

- David Orr: Paul Sears Distinguished Professor of Environmental Studies, Oberlin College, and author of "Earth in Mind," among other books.
- Monty Hempel: Hedco Chair of Environmental Studies at University of Redlands
- William Freudenberg: Dehlsen Professor of Environmental Studies at UC Santa Barbara and founder of developing Southern California network of environmental studies programs
- A representative from the Higher Education Associations Sustainability Consortium, the Association for the Advancement of Sustainability in Higher Education, or the U.S. Partnership for the Decade of Education for Sustainable Development.

### **Evaluation and Next Steps**

At the end of the workshop, each participant should have a list of "next steps" to help move the effort forward at their own institution. The group will communicate via email quarterly over the next academic year to discuss difficulties and successes in moving forward and to provide additional support for programs. Discussions, conclusions, and materials may also be shared with appropriate resource centers and organizations (e.g. the Association for the Advancement of Sustainability in Higher Education) to broaden the conversation with other institutions.

### **Detailed Budget**

- **Organizer Stipend \$1,000**  
*\$500 if considered a smaller workshop*  
To be shared amongst six organizers.
- **Travel and Accommodation \$12,000**  
\$1,200 \* 10 non-local faculty participants = \$12,000 (maximum)  
*Up to \$1,200 for non-local participants*  
*Non-local staff will fund their own travel and accommodations*

- **Keynote Speaker \$2,200**  
\$1,200 travel + \$1,000 honorarium = \$2,200 (maximum)
- **Administrative Expenses \$500**  
Duplication of workshop materials = \$500  
*Materials will be distributed electronically and on-site to minimize cost*

***TOTAL = \$15,700 (maximum)***

## Condensed CVs

The condensed CVs of the following individuals are below:

### Faculty

- Christopher Chinn, Classics (Pomona College)
- Ann Davis, Philosophy (Pomona College)
- E. Carr Everbach, Engineering (Swarthmore College)
- George Gorse, Art History (Pomona College)
- Richard Haskell, Physics (Harvey Mudd College)
- Dan Hornbach, Biology/Environmental Studies (Macalester College)
- Nan Jenks-Jay, Environmental Studies/Dean of Environmental Affairs (Middlebury College)
- Zayn Kassam (Pomona College)
- Michelle McCauley, Psychology (Middlebury College)
- Char Miller, History/Environmental Analysis (Pomona College)
- Jennifer Perry, Anthropology (Pomona College)
- Sheila Pinkel, Studio Art (Pomona College)
- Katie Purvis-Roberts, Chemistry (Scripps College/ Claremont Joint Science)
- Alan Shusterman, Chemistry (Reed College)
- Charles Taylor, Chemistry (Pomona College)
- David Tanenbaum, Physics (Pomona College)
- Kate Thomas, English (Bryn Mawr College)
- Hans-Jakob Werlen, German Section – Modern Languages and Literature (Swarthmore College)
- Richard Worthington, Politics (Pomona College)
- Catharine Wright, Writing (Middlebury College)

### Staff

- Jack Byrne, Sustainability Integration Office (Middlebury College)
- Bowen Close, Sustainability Integration Office (Pomona College)
- Suzanne Hansen, Sustainability Manager (Macalester College)

## Christopher Chinn

Assistant Professor and Acting Chair  
Classics Department  
Pomona College  
7 Pearsons Hall  
Claremont, CA 91711

909-607-2926 (office)  
909-621-2428 (home)

christopher.chinn@pomona.edu  
pages.pomona.edu/~cmc24747

## Areas of Interest

Augustan and imperial Roman poetry  
Greek and Roman epic poetry  
Ancient and modern literary criticism  
Art and text in the ancient world

## Education

Ph.D. University of Washington 2002 (Classics and Critical Theory)  
Dissertation: "Statius and the discourse of ekphrasis" (Director: Stephen Hinds)  
M.A. University of Washington 1996 (Classics)  
B.A. Reed College 1994 (Classics)

## Book Project

*Statius' ekphrastic poetics* (proposal approved by APA Monograph Series, OUP)

## Publications

"Statius' *Silvae* and *Thebaid* in Claudian's *Epithalamion*." In progress.  
"Intertext, Metapoetry and Visuality in the *Achilleid*." In progress and forthcoming in the *Brill Companion to Statius*.  
"*Nec discolor amnis*: intertext and aesthetics in Statius' shield of Crenaeus (*Theb.* 9.332-338)." Forthcoming in *Phoenix*.  
"*Libertas reuerentiam remisit*: politics and metaphor in Statius *Silu.* 1.6." *American Journal of Philology* 129.1 (2008): 101-124.  
"Before your very eyes: Pliny *Epist.* 5.6 and the ancient theory of ekphrasis." *Classical Philology* 102.3 (2007): 265-280.  
"Representations of Classical myth in film." Forthcoming in *The encyclopedia of religion in film*. Edited by Eric Mazur. Westport, CT: Greenwood.  
"Statius *Silu.* 4.6 and the epigrammatic origins of ekphrasis." *Classical Journal* 100.3 (2005): 247-263.

## Reviews

Review of C. McNelis, *Statius' Thebaid and the poetics of civil war* (Cambridge, 2007): *Bryn Mawr Classical Review* 2008.06.01.  
Review of N. Zeiner, *Nothing ordinary here: Statius as creator of distinction in the Silvae*. (Routledge, 2005): *Bryn Mawr Classical Review* 2006.10.12.

## Papers

"Theogonic elements in Statius' description of Vulcan's necklace (*Theb.* 2.265-296)" 2009 Classical Association of Pacific Northwest Conference, Portland, OR.  
"The face of the hero: intertext and visuality in Statius' description of Achilles." Theodore Guérard Fund Lecture at the College of Charleston, Fall 2008.  
"Vulcan's poetic temple in Statius' *Thebaid*" 2008 Pacific Ancient and Modern Languages Association Conference, Claremont, CA.  
"*Nec discolor amnis*: The Ekphrasis of Crenaeus' shield (*Thebaid* 9.332-338)." 2007 Classical Association of Canada Annual Congress, St. John's, Newfoundland.  
"Fire in his eyes: Statius' ekphrasis of Achilles (*Ach.* 1.158-168)." 2007 APA Conference, San Diego.

“*Libertas reuerentiam remisit*: politics and metaphor in Statius *Silu.* 1.6.” 2006 APA Conference, Montréal.

“*Viuit in auro*: image, description, and intertext in Statius’ *Thebaid*.” Departmental presentation, UCLA, Fall 2004.

“Dilate and describe: Pliny 5.6 and the concept of ekphrasis.” 2004 APA Conference, San Francisco.

### **Awards and Honors**

Downing-Pomona Faculty Exchange Fellow, Pomona College, 2009

Jim Greenfield Dissertation Fellowship, University of Washington 2001-2002

Academic Excellence Awards, Reed College 1993-1994

### **Teaching Appointments**

Assistant Professor, Classics Department, Pomona College, 2007-present

Visiting Assistant Professor, Classics Department, Bucknell University, 2005-2007

Lecturer, Department of Classics, University of California, Los Angeles, 2003-2005

Upper School Teacher, Language Department, Lakeside School, 2002-2003

Teaching Assistant/Associate, Department of Classics, University of Washington, 1995-2002

### **Courses Taught**

#### Greek Courses

Elementary Greek

Advanced Greek (Sophocles, Homer, Lysias, Demosthenes)

#### Latin Courses

Elementary Latin (Standard, Accelerated, Intensive)

Intermediate Latin (Cicero, Sallust, Catullus)

Advanced Latin (Cicero, Catullus, Horace, Livy, Vergil, Pliny, Propertius)

Post-bacc/graduate level Latin (Statius, Martial, Juvenal)

#### Courses in Translation

Greek Tragedy

Ancient Comedy

Roman Civilization

Roman Decadence

Ancient Novel

Ancient Epic

Spectacle Entertainments of Ancient Rome

Greek and Roman Classics in English

Greek and Roman Mythology

Justice in Ancient Greek Literature

#### Other Courses

Teaching Apprenticeship Practicum

Greek and Latin in Current Use

Bioscientific Vocabulary Building from Greek and Latin

Upward Bound Program

### **Service and other activities**

Acting Chair, Classics Department, Pomona College, 2009-present

Member, Health Sciences Committee, Pomona College, 2009-present

Chair, Parental Leave Task Force, Pomona College, 2009-present

Member, Trustee’s Sustainability Task Force, 2008-present

Participant, President’s Advisory Committee on Sustainability, 2008-present

Graduate School Advisor, Classics Department, Bucknell University, 2005-2007

Critical theory reading group for Classics graduate students, UCLA 2005

**N. Ann Davis**  
(formerly Nancy Davis)  
Department of Philosophy  
Pomona College  
Claremont, CA 91711

**EDUCATION**

<b>B.A.</b>	University of California at Berkeley	1971
<b>Migrant Graduate Student</b>	Somerville College, Oxford University, England	1974-7
<b>Ph.D.</b>	University of California at Berkeley Dissertation: "Acts, Omissions, and Integrity" Director: Barry Stroud	1976
<b>Post-doctoral</b>	Rhodes Postdoctoral Fellowship for Women Somerville College, Oxford University, England	1979-82

**ACADEMIC POSITIONS**

Assistant Professor of Philosophy <b>University of Pittsburgh</b>	1976-79
Rhodes Postdoctoral Fellowship for Women <b>Somerville College, Oxford University, England</b>	1979-82
Assistant Professor of Philosophy <b>University of Illinois at Chicago</b>	1982
Assistant Professor of Philosophy <b>University of California at Berkeley</b>	1982-84
Assistant Professor of Philosophy	1984-87
Associate Professor of Philosophy <b>University of Colorado at Boulder</b>	1987-98
McConnell Professor of Human Relations Professor of Philosophy <b>Pomona College</b>	1998-present

**AREAS OF SPECIALIZATION/ CENTRAL INTEREST**

**Moral Philosophy** (especially: applied ethics, moral theory, science and values)  
**Biomedical Ethics** (especially: reproductive technologies, population policy, biomedical technology, disability studies, eugenics)  
**Social Philosophy** (especially: responsibility, agency, academic ethics, moral education)  
**Environmental Philosophy** (especially: food and agricultural issues, environmental health, consumption, consumerism, and advertising)



## SELECTED PUBLICATIONS

### BOOK:

Philosophy and Humanity: Essays in Honor of Jonathan Glover (co-edited with Jeff McMahan and Richard Keshan), Oxford University Press (in press; forthcoming 2009)

### ARTICLES and major reviews:

- \*"Utilitarianism and Responsibility," Ratio 22 (1980): 15-35
  - \*"Using Persons and Common Sense," Ethics 94 (1984): 387-406.
- \*"Abortion and Self-Defense," Philosophy & Public Affairs 13 (1984): 175-207.
  - Reprinted in Jay Garfield and Patricia Hennessey (eds.) Abortion: Legal and Moral Perspectives (University of Massachusetts Press, 1984), pp. 186-210.
  - \*"The Doctrine of Double Effect: Problems of Interpretation," Pacific Philosophical Quarterly 14 (1984): 107-123.
    - Reprinted in John M. Fisher and Martin Ravizza (eds.), Problems and Principles (Harcourt, Brace Jovanovich, 1992), pp. 199-212.
- \*"Rights, Permission, and Compensation," Philosophy and Public Affairs 14 (1985): 374-384.
  - \*"Acting Utilitarians," Pacific Philosophical Quarterly 66 (1985): 125-140.
- \*"Rights and Moral Theory: A Critical Review of Judith Thomson's Rights, Restitution, and Risk," Ethics 98 (1988): 806-826.
- \*"Reproductive Technologies and Our Attitudes Towards Children," Logos 9 (1988): 51-77 (Special volume: Manufactured Motherhood.)
  - \*"Abortion," in Lawrence C. Becker and Charlotte Becker (eds.) The Encyclopedia of Ethics (Garland Publishing, 1991), pp. 3-6.
- \*"Morality and Biotechnology," Southern California Law Review 65 (1991): 355-371.
- \*"The Abortion Debate: The Search for Common Ground, Part 1" (in part a critical review of Contested Lives, by Faye D. Ginsburg and Abortion: The Clash of Absolutes, by Laurence Tribe), Ethics 103 (April 1993): 516-539.
- \*"The Abortion Debate: The Search for Common Ground, Part 2," Ethics 103 (July 1993): 731-778.
  - \*"Moral Theorizing and Moral Practice: Reflections on the Sources of Hypocrisy," in Earl Wickler and Jerrold Coombs (eds.), The Applied Ethics Reader (Blackwells, 1993), pp. 164-180.
- \*"Not Drowning But Waving: Reflections on Swimming Through the Shark-Infested Waters of the Abortion Debate," in Rem B. Edwards (ed.), New Essays on Abortion and Bioethics, volume 2, (JAI Press, 1997), pp. 227-265.
  - \*"Moral Agency, Individual Responsibility, and Human Psychology," Public Affairs Quarterly 12 (1998).
- \*"Moral Implications of the Rise in the Incidence of Multiple-fetus Pregnancies and Multiple-Child Births: Some Reservations About the Use of Fertility Enhancement and Pregnancy Reduction" Annual Review of Law and Ethics (9) 20031, pp. 131-151.
  - \* "Fiddling Second: Reflections on 'A Defense of Abortion,'" in Alex Byrne, Robert Stalnaker, & Ralph Wedgwood (eds.) Fact and Value: Essays on Ethics and Metaphysics for Judith Jarvis Thomson (MIT, 2003), pp.81-96
- \*"Invisible Disability," Ethics 116 (October 2005): 153-213
  - \*"Eugenics," Jodi O'Brien (ed.) Encyclopedia of Gender and Society (Sage, 2009), pp. 263-66
- \*"Humanity and the Perils of Perniciously Politicized Science," chapter in Philosophy and Humanity. Philosophy and Humanity: Essays in Honor of Jonathan Glover (co-edited with Jeff McMahan and Richard Keshan), Oxford University Press (in press; forthcoming 2009) pp. 75-104

## **Erich Carr Everbach**

Department of Engineering  
Swarthmore College  
500 College Avenue  
Swarthmore, PA 19081-1397  
(610) 328-8079 (office)  
(610) 328-8082 (FAX)

212 Dogwood Lane  
Wallingford, PA 19086  
(610) 566-5221

email: CEVERBA1@swarthmore.edu  
web: <http://fubini.swarthmore.edu>

### **Education**

*Yale University*, Ph.D. in Mechanical Engineering, December 1989. Dissertation title: *Tissue Composition Determination via Measurement of the Acoustic Nonlinearity Parameter*.  
Honors: 1989-1990 F.V. Hunt Postdoctoral Fellowship awarded by the Acoustical Society of America. Advisor: Robert E. Apfel.

*Yale University*, M.S. in Mechanical Engineering, May 1986.

*Harvard College*, B.A. in the Division of Applied Sciences, Applied Mechanics/Acoustics specialization, June 1982. Honors: Harvard Society of Engineers and Scientists Scholarship, Roger Ernst Scholarship.

### **Research and Teaching Experience**

Professor of Engineering, Swarthmore College Engineering Dept., Swarthmore, PA, 2006 –

courses taught:      Engineering Methodology  
                                 Mechanics  
                                 Electrical Circuit Analysis  
                                 Linear Physical Systems  
                                 Experimentation for Engineering Design  
                                 Fluid Mechanics (senior level)  
                                 Thermofluid Mechanics (junior level)  
                                 \*Solar Energy Systems  
                                 *Exploring Acoustics*  
                                 *Acoustics (senior level)*  
                                 \*Intro. to Environmental Protection  
                                 \*Swarthmore and the Biosphere  
                                 \*Capstone Seminar in Environmental Studies  
                                 Women and Technology (see above web link)  
                                 \*Human Nature, Technology, and the Environment (see above web link)

\* courses in Environmental Studies

Private acoustics consultant (references upon request)

Visiting Professor of Mechanical Engineering, Boston University, Boston, MA, Fall 1996.

Adjunct Professor of Electrical Engineering, University of Rochester, Rochester, NY, 1990 –

Visiting Professor, Mathematics Department, Oglala Lakota College, Kyle, SD, Fall 1993.

Visiting Assistant Professor of Electrical Engineering, University of Rochester, Rochester, NY, 1989 – 1990.

Research Associate, Department of Mechanical Engineering, Yale University, 1984 – 1989.

Yale Prize Teaching Fellowship Nominee "for excellence in performance as a Teaching Fellow," Yale University, 1988.

Acoustical Engineer, Acoustic Technology Inc., Boston, MA, 9/82 to 5/84. Performed acoustical measurements, vibration analysis, environmental noise surveys, and developed a computer model for predicting sound propagation over large distances.

### **Professional Affiliations**

Fellow of the Acoustical Society of America, elected June, 2001; chair of Biomedical Ultrasound technical committee 1999-2002, co-chair of Homepage committee 1995-2005 (<http://asa.aip.org>); member of Physical Acoustics; chair of Online Education committee 2002-2005; Education in Acoustics committee; Public Relations committee.

American Institute of Ultrasound in Medicine

American Physical Society

American Society for Engineering Education

Elected Board Member of the Council on Undergraduate Research 1995. Chair of the Engineering Division 1999-2002.

Institute of Electrical and Electronics Engineers, Inc. Branch Counselor for the Swarthmore College Student Chapter of the IEEE.

Sigma Xi research honor society member and departmental representative

Reviewer: Journal of the Acoustical Society of America, ASME, JFM, Phys. Rev, Science.

Reviewer of grants for the National Institutes of Health and the National Science Foundation.

Qualified as expert witness in acoustics, Nov. 1998, Norristown, PA county court.

Advisor to Delaware County Council and Congressman Joseph Sestak on noise issues arising from a proposed FAA Airspace Redesign of the Philadelphia International Airport, 2006–

Elected School Board member 2006-2009, Wallingford-Swarthmore School District, Delaware County, PA

### **Swarthmore College Service**

Committees: Black and Minority Affairs (SALNAAH), Women's Studies, Public Policy, Environmental Studies (chair 1997-2000, acting chair 2001-02), AAUP Executive Committee, AAUP chapter president (2005-07), Council on Educational Policy (1997-99), Linguistics, College Planning Committee 1999, Facilities Advisory Group, Land Use Planning Committee (co-chair 2002-04), Social Responsibility, Green Team (chair) of Science Project Committee, Assessment Planning Committee (2005-07), Interdisciplinary Representative to Curriculum Committee (2005-07), Sustainability Planning Committee co-chair (2007-2008), Sustainability Committee co-chair (2008-present).

Director, Macalester-Pomona-Swarthmore Environmental Study-Abroad program "Globalization and the Environment" at the University of Cape Town, South Africa (1993-present)

## George L. Gorse

*office:* Department of Art & Art History  
Pomona College  
Claremont, CA 91711  
phone (909) 607-3914; fax (909) 621-8892; E-mail: ggorse@pomona.edu

*home:* 505 California Drive  
Claremont, CA 91711  
phone (909) 621-0628

### ***Major Fields***

Italian Renaissance Art & Architecture; Italian Baroque Art & Architecture;  
Medieval Art History; History of Cities, Palaces, Villas & Gardens; History of Genoa.

### ***Degrees***

Ph.D., Brown University (1980)  
Dissertation: *The Villa Doria in Fassolo, Genoa*  
M.A., Brown University (1974)  
Thesis: *Observations on Perino del Vaga's Sala Paolina, Castel Sant'Angelo*  
A. B., Johns Hopkins University (1971)  
Major: Humanities (Art History; Philosophy; History)

### ***Teaching***

Pomona College. Viola Horton Professor (1993-present)  
Pomona College. Viola Horton Associate Professor (1985-93)  
Pomona and Scripps Colleges. Viola Horton Assistant Professor (1980-85)  
University of Pennsylvania. Instructor (1979-80)

### ***Selected Awards, Fellowships & Grants (post-doctoral)***

Huntington Library Research Residency (one month), March 2008.  
Irvine Distinguished Faculty Fellowship for Student Mentoring, Pomona College, 2004  
Visiting Fellow, Bogliasco Research Institute, Genoa, Italy, February-April, 2001  
NEH Summer Seminar, American Academy in Rome, 1998: Roman Palaces  
NEH Summer Seminar, Wesleyan University, 1994: Renaissance Patronage  
Visiting Member, Institute for Advanced Study, Princeton, 1989-90  
Fellow, Villa I Tatti, Harvard Center for Italian Renaissance Studies, Florence, 1988-89  
NEH Summer Seminar, Italian Archival Institute, Newberry Library, Chicago, 1988  
American Council of Learned Societies, Summer Research Grants, 1984, 1981.  
NEH Summer Research Grant, 1981

### ***Selected Awards, Fellowships & Grants (pre-doctoral)***

Fellowship, Southeastern Institute of Medieval and Renaissance Studies, 1979  
Fellowship, Dumbarton Oaks, Center for Studies in Landscape Architecture, 1978-79  
Fellowship, Dumbarton Oaks, Center for Studies in Landscape Architecture, 1977-78  
Kress Dissertation Fellowship, 1975-76  
University Fellowship, Brown University, 1972-73  
University Fellowship, Brown University, 1971-72  
Egbert Award for Scholastic Excellence & School Activities, Stroudsburg (PA) HS, 1967

### ***Publications***

Marcello Fantoni, George Gorse, Malcolm Smuts, eds., **The Politics of Space: European Courts, ca. 1500-1750** (Rome: Bulzoni Editore, 2009).  
"Myron Hunt and the 'Academical Village,' 1908-15," in *Pomona College: Reflections on a*

- Campus*, ed. Marjorie L. Harth (Claremont, CA, 2007), 53-59.
- “Christopher Columbus and Andrea Doria: The Two Worlds of Renaissance Genoa,” in *Mediterranean Studies*, vol. XVI (2007), 120-142.
- “A Question of Sovereignty: France and Genoa, 1494-1528,” in *Italy and the European Powers: The Impact of War, 1500-1530*, ed. C. Shaw (Leiden: Brill, 2006), 187-203.
- “Augustan Mediterranean Iconography and Renaissance Hieroglyphics at the Court of Clement II: Sebastiano del Piombo’s *Portrait of Andrea Doria*,” in *The Pontificate of Clement VII: History, Politics, Culture*, ed. K. Gouwens & S. Reiss (London: Ashgate, 2005), 313-339.
- “Genova: repubblica dell’Impero,” in *Storia dell’architettura italiana: il secondo Cinquecento*, ed. C. Conforti & R. Tuttle (Milan: Electa, 2001), 240-265.
- “Genoa: Art in Society,” in *Encyclopedia of the Renaissance*, ed. P. Grendler (New York: Charles Scribner, 1999), vol. 3, 26-29.
- “Doria”; “Caffaro”; and “Embriaco,” in *Medieval Italy: An Encyclopedia* (New York: Garland, 2002).
- “Genoa,” in *Medieval Italy: An Encyclopedia*, 2 vols. (New York: Garland, 2002), vol. I, 399-405; co-authored with Steven Epstein
- “Agricultural Practice and Garden Design in Renaissance Genoa,” in *Design and Construction in the Middle Ages and Early Modern Era: Essays in Honor of Bradford Blaine*, ed. N. Van Deusen (Ottawa: Institute for Medieval Music, 1998).
- “A Classical Stage for the Old Nobility: The *Strada Nuova* and Sixteenth-Century Genoa,” *Art Bulletin* 79 (1997), pp. 301-327.
- “B. Bianco”; “G. B. Castello”; “B. Cantone”; “G. Lurago”; “R. Lurago”; “D. Ponzello”; “G. Ponzello”; “G. Ratti”; and “B. Spazio,” in *The Dictionary of Art* (London: Macmillan, 1996).
- “Committenza ed ambiente nella ‘corte’ di Andrea Doria a Genova,” in *Atti del convegno. Arte, committenza ed economia a Roma e nelle corti del Rinascimento, 1420-1530*, ed. A. Esch and C. Frommel (Rome & Milan: Einaudi, 1993), pp. 255-271.
- “Entrate e trionfi: cerimonie e decorazioni alla Villa Doria in Genova,” in *Atti del simposio. Il disegno genovese dal Cinquecento al Settecento*, ed. M. Newcome Schleier (Florence: Medicea, 1992), pp. 9-36.
- “Between Republic and Empire: Triumphal Entries in Genoa during the Sixteenth Century,” in *‘All the world’s a stage...’: Art and Pageantry in the Renaissance and Baroque*, ed. B. Wisch & S. Munshower (University Park: Pennsylvania State University Press, 1990), pp. 189-256.
- “A Family Enclave in Medieval Genoa: The Piazza San Matteo,” *Journal of Architectural Education* 41 (1988), pp. 20-24.
- “An Unpublished Description of the Villa Doria during Charles V’s Entry into Genoa, 1533,” *Art Bulletin* 68 (1986), pp. 319-322.
- “An Unpublished Drawing by Perino del Vaga for the Villa Doria, Genoa,” *Master Drawings* 23-24 (1985-86), pp. 193-198.
- “The Villa of Andrea Doria in Genoa: Architecture, Gardens, and Suburban Setting,” *Journal of the Society of Architectural Historians* 44 (1985), pp. 18-36.
- “Genoese Renaissance Villas: A Typological Introduction,” *Journal of Garden History* 3 (1983), pp. 255-280.
- Drawings and Prints of the First Maniera, 1515-1535* (Providence: Art Museum of the Rhode Island School of Design, 1973); entries on prints by and after Perino del Vaga
- “To Look on Nature,” *Brown Daily Herald* (11 Feb. 1972), p. 5; G. Gorse & C. Tyler.

## **RICHARD C. HASKELL**

### **Present Position**

Professor of Physics  
Harvey Mudd College  
301 Platt Boulevard  
Claremont, California 91711  
Phone: 909-607-2768 Fax: 909-621-8887  
Email: Richard\_Haskell@hmc.edu

### **Education**

Lehigh University, B.S. in Engineering Physics, June 1967  
Johns Hopkins University, Ph.D. in Physics, September 1972

### **Awards**

Phi Beta Kappa (1967)  
National Science Foundation Traineeship (1968-1972)

### **Previous Positions**

Associate Professor of Physics (7/84 to 6/93)  
Assistant Professor of Physics (7/80 to 6/84)  
Harvey Mudd College

Associate Research Scientist (1/78 to 6/80)  
Muscular Dystrophy Association Postdoctoral  
Fellow (1/76 to 12/77)  
National Institutes of Health Training Grant  
Postdoctoral Fellow (9/74 to 12/75)  
Thomas C. Jenkins Department of Biophysics  
Johns Hopkins University

Associate Research Scientist (9/72 to 8/74)  
Department of Physics  
The Johns Hopkins University

### **Research Experience**

Nuclear Physics (1969-74) Measured the magnetic dipole and electric quadrupole moments of light beta-unstable nuclei produced on Van de Graaf accelerators using a magnetic resonance technique.

Muscle Biophysics (1974 to 1991) Used dynamic light scattering to study living, single muscle fibers isolated from the frog to test various proposed molecular models of muscle contraction.

Dynamic Light Scattering (1980-85) Investigated the problems of statistical accuracy and bias in photon-correlation spectroscopy and devised optimal ways to extract information from data containing a limited number of statistical fluctuations.

Membrane Biophysics (1984 to 1991) Used laser light-scattering techniques to detect thermally-generated thickness fluctuations in lipid bilayers, testing ways that cell membranes may modulate the ion conductance of protein channels embedded in the membrane.

Optical Probes of Biological Tissue (1991 to 1995) Worked on the development of the near-infrared techniques of frequency-domain photon migration (FDPM) and diffusing-wave spectroscopy (DWS) - non-invasive clinical tools for measuring tissue oxygenation and blood circulation, and for detecting cancerous tumors.

Optical Coherence Microscopy (1995 to present) Designed and built a series of optical coherence microscopes (OCM) to study critical events in developmental biology – both animals and plants - and to tissue-engineer human corneas.

### **Selected Publications in Peer-Reviewed Journals**

"Boundary Conditions for the Diffusion Equation in Radiative Transfer", R.C. Haskell, L.O. Svaasand, T.-T. Tsay, T.-C. Feng, M.S. McAdams, and B.J. Tromberg, *Journal of the Optical Society of America A* 11: 2727-2741 (1994).

"An optical coherence microscope for 3-dimensional imaging in developmental biology," B.M. Hoeling, A.D. Fernandez, R.C. Haskell, E. Huang, W.R. Meyers, D.C. Petersen, S.E. Ungersma, R. Wang, and M.E. Williams, *Optics Express* 6: 136-146 (March 27, 2000), (<http://www.opticsexpress.org/oearchive/source/19250.htm>).

"Optical coherence microscopy. A technology for rapid, *in vivo*, non-destructive visualization of plants and plant cells," J.W. Hettinger, M. de la P. Mattozzi, W.R. Myers, M.E. Williams, A. Reeves, R.L. Parsons, R.C. Haskell, D.C. Petersen, R. Wang, and J.I. Medford, *Plant Physiology* 123: 3-15 (2000).

"Phase modulation at 125 kHz in a Michelson interferometer using an inexpensive piezoelectric stack driven at resonance," B.M. Hoeling, A.D. Fernandez, R.C. Haskell, and D.C. Petersen, *Review of Scientific Instruments* 72: 1630-1633 (2001).

"Role of beat noise in limiting the sensitivity of optical coherence tomography," R. C. Haskell, D. Liao, A. E. Pivonka, T. L. Bell, B. R. Haberle, B. M. Hoeling, and D. C. Petersen, *Journal of the Optical Society of America A* **23** (11) 2747-2755 (2006).

"Thermal links for the implementation of an optical refrigerator," J. Parker, D. Mar, S. Von der Porten, J. Hankinson, K. Byram, C. Lee, M. K. Mayeda, R. Haskell, Q. Yang, S. Greenfield, and R. Epstein, *Journal of Applied Physics* **105**, 013116 (2009).

## DANIEL J. HORNBACH

**ADDRESS:** Department of Environmental Studies  
1600 Grand Ave.  
Macalester College  
St. Paul, MN 55105

**TELEPHONE:** Office - (651) 696-6101  
Fax - (651) 696-6443

**E-MAIL:** Hornbach@Macalester.Edu

**EDUCATION:** Ph.D.: Miami University, Oxford, Ohio. 1980. Major Zoology.  
M.S.: University of Dayton, Dayton, Ohio. 1976. Major: Biology.  
B.S.: University of Dayton, Dayton, Ohio. 1974. Major: Biology.

### ACADEMIC EXPERIENCE

- Faculty member, Department of Biology, Macalester College. Assistant Professor: September 1984 - August 1987; Associate Professor: September 1987 - August 1993; Full Professor: September 1993 - December 1997; DeWitt Wallace Professor: January 1998 – PRESENT
- Assistant Professor, Department of Biology, University of Virginia. September 1980 - May 1984.
- Faculty, Mountain Lake Biological Station, University of Virginia. Summers of 1981, 1982, and 1984.

### ADMINISTRATIVE EXPERIENCE:

- Environmental Studies Department, Chair, June 2006 - present
- Dean of the Faculty and Provost, Macalester College. June 1999-July 2005.
- Biology Department Chair. September 1996 - 1999.
- Provost, Macalester College. August 1993 - August 1995.
- Faculty Development Coordinator for the Science Division, Macalester College. Aid faculty in investigating and obtaining grant support for research and curriculum development. September 1988 - August 1993.
- Director, Katherine Ordway Natural History Study Area. Oversee the development of research projects, prairie restoration, and the educational use of this 285-acre area owned by Macalester College. September 1986- September 1998.

### PROFESSIONAL AFFILIATIONS:

- American Institute of Biological Sciences
- American Malacological Union
- Association for Environmental Studies and Sciences
- Council for Environmental Deans and Directors
- Council on Undergraduate Research
- Ecological Society of America
- Freshwater Mollusk Conservation Society
- Malacological Society of London
- North American Benthological Society



**SELECTED GRANTS:**

- NSF ILIP Grant (1987) - \$35,546
- NSF ILIP Grant (1988) - \$83,000
- US Army Corps of Engineers (1987-1990)- \$72,000
- Pew Charitable Trusts (1990) - \$9000
- Blandin Foundation (1990-91) - \$10,000
- Minnesota Dept. Natural Resources (1990-91) \$3000
- Minnesota Dept. Natural Resources (1992-93) \$3000
- Wisconsin Dept. Natural Resources (1992) \$20,000
- US National Park Service (1993-1996) - \$63,000
- US Environmental Protection Agency (1992-1996) \$505,000
- US Fish & Wildlife Service (1994-1995) - \$34,000
- Legislative Commission on MN Resources (1997-98) - \$9400
- Legislative Commission on MN Resources (1999-2001) - \$58,000
- National Park Service (2000-2002) - \$40,900
- National Park Service (2001-2004) - \$60,000
- National Park Service (2004-2007) - \$214,000
- National Park Service (2008-2010) - \$149,100
- National Park Service (2009-2011) - \$50,000
- National Park Service (2009-2010) - \$55,535
- Mellon Foundation (2007-2009) - \$300,000 (curriculum development grant)
- NSF Field Station Planning Grant (2009-2010) - \$24,575

**SELCE TED PUBLICATIONS FROM THE LAST 10 YEARS:**

- Hornbach, D.J. 2001. Macrohabitat factors influencing the distribution and abundance of najads in the St. Croix River, MN and WI, USA, pp. 213-230. *In* G. Bauer and W. Wachtler [eds] Ecology and Evolutionary Biology of the Freshwater Mussels Unionoidea. Ecological Studies Vol. 145. Springer-Verlag: Berlin.
- Baker, S. and D.J. Hornbach. 2001. Seasonal metabolism and biochemical composition of two unionid mussels, *Actinonaias ligamentia* and *Amblema plicata*. *Journal of Molluscan Studies* 67: 407-416.
- Cope, W.G., M.C. Hove, D.L. Waller, D.J. Hornbach, M.R. Bartsch, L.A. Cunningham\*, H.L. Dunn and A.R. Kapuscinski. 2003. Evaluation of relocation of unionid mussels to *in situ* refugia. *Journal of Molluscan Studies* 69: 27-34.
- Beekey, MA and D.J. Hornbach. 2004. The effect of size-limited brood size in a freshwater bivalve. *American Midland Naturalist* 151: 274-285.
- Allen,\* D.C., M.C. Hove, B.E. Sietman, Mike Davis, D.E. Kelner, Jennifer E. Kurth, Jeffrey L. Weiss, and D.J. Hornbach. 2007. Aspects of reproductive biology and conservation status of *Venustaconcha ellipsiformis* (Bivalvia: Unionidae) in Minnesota. *American Midland Naturalist* 157: 74-91.
- Baker, S.M. and D.J. Hornbach. 2008. Zebra mussels (*Dreissena polymorpha*) attached to native mussels (Unionidae) or inanimate substrates: Comparison of physiological rates and biochemical composition. *American Midland Naturalist* 160:20-28.
- Hornbach, D.J., M.C. Hove, B. Dickinson\*, K. MacGregor and J.R. Medland. *In press*. Estimating population size and habitat associations of two federally endangered mussels in the St. Croix River, Minnesota and Wisconsin, USA. *Aquatic Conservation: Marine and Freshwater Ecosystems*.
- Hornbach, D.J. V.J. Kurth\*, and M.C. Hove. *In press*. Variation in freshwater mussel shell sculpture and shape along a river gradient. *American Midland Naturalist*.

\*Indicates an undergraduate student co-author

**Nan Jenks-Jay**

Dean of Environmental Affairs, Senior Lecturer in Environmental Studies, Middlebury College

The Franklin Environmental Center at Hillcrest 217

Phone: 802.443.5090

E-mail: [jenksjay@middlebury.edu](mailto:jenksjay@middlebury.edu)

Nan Jenks-Jay serves as Dean of Environmental Affairs and teaches in the Environmental Studies Program at Middlebury College in Vermont. For over two decades she has been actively involved in the advancement of environmental studies programs, their transformation of higher education and impact on regional sustainability.

Nan Jenks-Jay has been immersed in a full spectrum of environmentally-related work as educator, field scientist, land trust founder, consultant, board member and administrator. Current areas of specialization include institutional culture and organizational change. She has been associated with the two oldest undergraduate environmental studies programs in the country, at Williams College in Massachusetts for 15 years, and with Middlebury College in Vermont for the past 11 years. Between them, she took a sojourn to the West Coast where, as director of Environmental Studies and Hedco Endowed Professor, she developed new undergraduate and graduate environmental programs for the University of Redlands in California. At Middlebury, she has created an integrated, institutional vision through strategic planning and implementation that has advanced the College's already exemplary environmental academic program and award winning sustainable campus programs to new heights. Jenks-Jay has held appointments on state governmental boards and national committees, and locally is a trustee for Shelburne Farms in Vermont. Additionally, she has served on external review committees for 11 college and university environmental programs. Nan Jenks-Jay has been an advisor to Orion Magazine, The New England Board of Higher Education, Project Kaleidoscope in Washington, D.C., the Nantucket Conservation Foundation and the Association for the Advancement of Sustainability in Higher Education. Jenks-Jay has written extensively and speaks throughout the United States on topics related to the environment, sustainability, community and higher education.

## Curriculum Vitae

Zayn Kassam  
Associate Professor of Religious Studies  
Pomona College

551 N. College Ave.  
Claremont, CA 91711-6337  
(909) 607-4095

---

**Discipline:** History of Religions  
with a particular emphasis on Islam and Hinduism.

### Education

1995 Ph.D. (History of Religions)

Faculty of Religious Studies, McGill University, Montreal, Canada

Dissertation title: Imam and Avatars: A Study of Divine-Human Configurations in Nasir al-Din Tusi (d. 1274 CE) and Ramanuja (d. 1137 CE).

1985 M.A. (Islamic Studies), Institute of Islamic Studies, McGill University

1977 B.A. Hons. (Religious Studies) Faculty of Arts, McGill University

**Languages** Persian, Arabic, Sanskrit, Gujarati, French (reading)

### Awards

2005 American Academy of Religion Teaching Excellence Award

2005, 1998 Wig Award for Distinguished Teaching, Pomona College

### Teaching and Assisting

2000-present Associate Professor Of Religious Studies

1995-2000 Assistant Professor of Religious Studies, Pomona College, Claremont, CA.

Cross-listed as faculty in Asian Studies, Women's Studies, and at Claremont Graduate University, Program in Religion.

Courses Taught: The Divine Body: Religion and the Environment; Women in Islam; The Religion of Islam; Islamic Thought; Sufism; Muslim Literary Landscapes.

### Publications

Forthcoming. "Gender Violence in Islam" in *Religion, Terrorism and Globalization: Nonviolence: A New Agenda*, ed. by K.K. Kuriakose (Nova Science Publishers, 2005).

Forthcoming. "Muslim Attitudes to Holy People" in *Holy People of the World: An Encyclopedia* (Santa Barbara: ABC-CLIO, 2004).

Forthcoming. "The Book of Animals of The Brethren of Purity: Towards an Ecology of Being" in *A Communion of Subjects: Animals in Religion and Ethics*, ed. by Paul Waldau and Kimberley Patton (Boston: under consid. by Harvard University Press, 2003).

Submitted. "Divine Corporeality in Tusi and Ramanuja: Comparative Approaches" submitted for consideration to *Philosophy East and West: A Quarterly of Comparative Philosophy*, University of Hawaii Press, ed. Roger T. Ames.

2004. "Gender" in *Encyclopedia of Islam and the Muslim World* (New York: MacMillan Reference USA, 2003).

2004. "Tusi, Nasir al-Din" in *Encyclopedia of Islam and the Muslim World* (New York:

MacMillan Reference USA, 2003).

2003. "Can a Muslim be a Terrorist?" in *Terrorism and International Justice: A Collection of Philosophical and Political Reflections*, ed. by James Sterba (Oxford: Oxford University Press, 2003).

2002. "Engendering and Experience: Teaching a Course on Women in Islam" in *Teaching Islam*, ed. Brannon Wheeler (Oxford: Oxford University Press, 2003).

2002 "Transcendence and the Body: Fatimah as Paradigmatic Model" in *Feminist Theology*, No. 30, 2002.

2002 "September 11, 2001 and Islam" in *ARC: The Journal of the Faculty of Religious Studies*, McGill University, v. 30, 2002. Also appeared in the Council of Societies for the Study of Religion bulletin 31.1 (2002), 7-8.

2001 "Islamic Ethics and Gender Issues" in *Ethics and the World Religions*, ed. Joseph Runzo and Nancy M. Martin (Oxford: Oneworld Press, 2002).

2000 "Reflections on Teaching Islam at a Liberal Arts College" in *bulletin*, The Council of Societies for the Study of Religion, 29:3, 66-70.

2000 "Politicizing Gender and Religion: Love for Women, Love for Islam" in *Love, Sex and Gender in the World Religions*, ed. Joseph Runzo and Nancy M. Martin (Oxford: Oneworld Press, 2000).

1997 "Mindfield or Minefield: Teaching Religion in a Multicultural Classroom" for Spotlight on Teaching, insert in *religiousstudies News*, American Academy of Religious newsletter publication, 12:4, insert, full page 3.

1997 "Our Worlds and His: Naguib Mahfouz's Palace Walk" in *The Toronto Review of Contemporary Writing Abroad*, 16:1, 7-17.

1995 "Muslim Women Writers in South Asia" in *The Muslim Almanac*, ed. Azim A. Nanji (New York: Gale Research).

1994 "The Visistadvaita Idea of Pervasion (vibhu) According to Yatyndramatadipika" in *Hermeneutical Paths to the Sacred Worlds of India*, ed. Katherine K. Young (Atlanta: Scholars Press).

1991 "M. Asín Palacios and His Approach to Islamic Thought" in *the Bulletin of the Henry Martyn Institute of Islamic Studies*, 10:3, 53-60.

1984 "Lower Forms of Life" (poem) in *The Toronto South Asian Review*, 3:1, 59.

TSAR is a Canadian literary publication.

1982 "Radha's Lament" (poem) in *The Toronto South Asian Review*, 1:1, 16.

### **Books under preparation**

*Theanthropoi in Islam and Hinduism: Tusi's Theory of Imamah and Ramanuja on Avatara*. Revised dissertation. SUNY press.

*Portals of Paradise: Nasir-i Khusraw's Interpretation of the Qur'an*. Institute of Ismaili Studies, in association with I.B. Tauris, London, UK.

A Student's Guide to the World Religions: Islam. Greenwood Press.

### **Professional Organizations**

American Academy of Religion

Middle East Studies Association

Association of Middle East Women's Studies

North American Association for the Study of Religion

## MICHELLE R. MCCAULEY

December 15, 2009

Dept of Psychology  
Middlebury College  
Middlebury, VT 05753

Home: (802) 453-5541  
Office: (802) 443-5720  
Mccauley@middlebury.edu

### EDUCATION

Ph.D. Psychology, August, 1995

Florida International University, North Miami, Florida

Dissertation Title: ***The Development and Validation of the Attitudes Toward Child Victims Scale: Who Will Believe a Child?***

M.S. Psychology, Summer, 1993

Florida International University, North Miami, Florida

Thesis Title ***Facilitating Children's Recall with the Revised Cognitive Interview***

B.A. General Studies emphasis on American Literature, December, 1985

University of Iowa, Iowa City, Iowa

### EMPLOYMENT HISTORY

7/08-present Professor

6/02- 6/08 Associate Professor

9/95 – 6/02 Assistant Professor  
Department of Psychology  
Middlebury College  
Middlebury, VT 05753

8/90-8/95 Adjunct Faculty & Teaching Associate  
Florida International University  
Department of Psychology  
North Miami, FL 33181

### BOOK

Child Abuse: A Global View (2001). B. M. Schwartz-Kenney, M. R. McCauley, and M. A. Epstein, (Eds). Greenwood Publishing Group.

### RECENT PUBLICATIONS (*names in italics are student collaborators*)

**Salerno, J.** McCauley, M. R. (2009). Mock jurors' judgments about scientific experts in a civil case: Do cross-examination, deliberation, and Need for Cognition Matter?. *American Journal of Forensic Psychology*, 27(3), 1-24.

McCauley, M. R., & Kite, K. L. (2007). *The high cost of shifting definitions*. "Case Notes" Column in the Child Maltreatment Newsletter, (APA Division 37).

McCauley, M. R. & Schwartz, B. M. (2007). An Overview of Child Abuse and Neglect in the United States. *Encyclopedia of Domestic Violence*, Routledge: New York, NY

Schwartz, B. M. & McCauley, M. R. (2007). Child Abuse: A Global Perspective. *Encyclopedia of Domestic Violence*, Routledge: New York, NY

McCauley, M.R. & Crossman, A. (February, 2006). *Wanted: Time, Resources and Research*. "Case Notes" Column in the Child Maltreatment Newsletter, (APA Division 37).

- McCauley, M. R. & Kite, K. L. (February, 2005). *The Need For Balance In Finding The Safer Course*. "Case Notes" Column in the Child Maltreatment Newsletter, (APA Division 37).
- Kite, K. L., McCauley, M. R. (October 2003). What a Little Sunshine Can Do. "Case Notes" Column in the Child Maltreatment Newsletter, (APA Division 37).
- Schwartz-Kenney, B. M., & McCauley, M. (2003). Child abuse: Physical abuse and neglect. *International encyclopedia of marriage and family relations*. New York, NY: MacMillan References.
- Fisher, R. P., Brennan H. K., & McCauley, M. R. (2002). The cognitive interview. In M. Eisen, G. Goodman, & J. Quas (Eds.) *Memory and suggestibility in the forensic interview*, 265-286. Mahwah, NJ: Erlabum.
- McCauley, M. R., & Kite, K. L. (Spring 2001) Balancing harm to children in domestic violence cases: What is *common sense*? "Case Notes" Column in the Child Maltreatment Newsletter, (APA Division 37), 5 (4), page 3.
- McCauley, M. R. & Parker, J. F. (2001). When will a child be believed? The impact of case, victim's age and mock juror's gender on children's credibility and verdict. *Child Abuse and Neglect*, 523-539.
- McCauley, M. R., Schwartz-Kenney, B. M., Epstein, M. A., & Tucker, E. J. (2001). An overview of child abuse and neglect in the United States. In B. M. Schwartz-Kenney, M. R. McCauley, and M. A. Epstein, (Eds). *Child abuse: A global view*. Greenwood Publishing.
- Fisher, R. P., Falkner, K. L., Treviasan, M. & McCauley, M. R. (2000). Adapting the Cognitive Interview to enhance long-term (35-years) recall of psychical activities. *Journal of Applied Psychology*, 85, 180-189.

## GRANTS AWARDED

Faculty Research Assistant Fund (Refining the CI for use in a Pediatric Setting)	2009-2010 125 hours	\$1087
Faculty Research Assistant Fund	2008-2009	\$2,490
Faculty Research Assistant Fund	2007-2008	\$1,650
Faculty Research Assistant Fund	2006-2007	\$1,650
Faculty Research Assistant Fund	2005-2006	\$2,218
Vermont Genetics Network (VGN)	2005-2006 pilot grant	\$14,540
Ada How Kent	2005-2006	\$2,880
NSF REU (Co-PI with Jason Arndt) <b>SES-0452869</b>	3/15/05-3/15/06	\$60,032
Faculty Research Assistant Fund	2004-2005	\$2,218
NSF REU (Co-PI with Susan Campbell) <b>Grant # 0097459</b>	3/01-3/03	\$125,874
VTEpScore	6/99-12/99	\$3,600
Mead Foundation	6/99 – 9/99	\$6,250

## Char Miller

Office:

Environmental Analysis Program  
Pomona College  
Claremont CA 91711  
909-607-8343  
char.miller@pomona.edu

### EDUCATION

The Johns Hopkins University

Ph.D. (1981)  
M.A. (1977)

Pitzer College

B.A. (1975)  
(Honors in History  
and Political Studies)

### ACADEMIC POSITIONS

Director of Environmental Analysis Program/

W. M. Keck Professor of Environmental Analysis  
Visiting Professor, History & Environmental Analysis  
Director, Urban Studies  
Chair, History Department  
Professor  
Associate Professor  
Assistant Professor  
Visiting Assistant Professor

Pomona College, 2009-  
Pomona College, 2007-09  
Trinity University, 2001-07  
Trinity University, 1998-2004  
Trinity University, 1992-  
Trinity University, 1986-92  
Trinity University, 1981-86  
University of Miami, 1980-81

### HONORARY DISTINCTIONS

*Distinguished Lecturer*, Organization of American Historians, 2007-10  
*D. Honoris Causa* (Humane Letters), Plymouth State University, 2005  
*Centennial Lecturer*, USDA Forest Service, 2004-05  
*P. J. Roosevelt Lecturer*, Theodore Roosevelt Association, 2004-05  
*Senior Fellow*, Pinchot Institute for Conservation, 1997-

*Teaching:*

Piper Professor, Minnie Stevens Piper Foundation and the State of Texas, 2002  
Dr. and Mrs. Z. T. Scott Faculty Fellowship, Trinity University, 1997  
Outstanding Professor, Humanities & Arts Division, Trinity University, 1996-97  
Outstanding Professor, Trinity University, 1986

*Scholarly:*

Topic Editor, *Encyclopedia of Earth*, 2009-

Board of Directors, Forest History Society, 2002-08

Associate Editor (History), *Journal of Forestry*, 2005-

Associate Editor, *Environmental History*, 1999-2001; 2006-

Editorial Board, Trinity University Press, 2002-06

Editorial Board, *Pacific Historical Review*, 2002-

Editorial Board, *Environmental History*, 2001-

Advisory Board, *The Journal of the Life and Culture of San Antonio* (e-journal), 2006-

Advisory Board, Theodore Roosevelt Association, 2006-

Advisory Board, Library of Texas Book Series, Southern Methodist University, 2006-

*Service:*

New Century of Service Annual Award, USDA Forest Service, 2005

**COURSES TAUGHT**

*Lower Division*

U.S. History Surveys

First Year Seminar: Freedom and Responsibility

*Upper Division*

African American History

American Environmental History

American Life and Thought

Cities in Nature: Space, Place, Time

Crisis Management: National Forests and American Culture

Nature, Culture, & Society

Water in the West

The American Reform Tradition

The Family in U.S. History

Modern American Culture

Hawaii and the Pacific

Women in American History

Urban Studies Seminar

Applied Urban Studies



**JENNIFER E. PERRY**  
**ASSOCIATE PROFESSOR OF ANTHROPOLOGY**  
**POMONA COLLEGE**

**Office: 909-607-9675; E-mail: jennifer.perry@pomona.edu**

**PROFESSIONAL PREPARATION**

University of San Diego	Anthropology and Latin American Studies	B.A. 1994
UC Santa Barbara	Anthropology (Archaeology)	M.A. 1998
UC Santa Barbara	Certificate in College and University Teaching	2003
UC Santa Barbara	Anthropology (Archaeology)	Ph.D. 2003

Dissertation Title: *Changes in Prehistoric Land and Resource Use among Complex Hunter-Gatherer-Fishers on Eastern Santa Cruz Island, California.*

**APPOINTMENTS**

2009-Present	Associate Professor of Anthropology, Pomona College
2003-2009	Assistant Professor of Anthropology, Pomona College
2002-2003	Instructor, Pomona College Department of Anthropology
2002	Assistant Curator, Repository for Archaeological and Ethnographic Collections, Department of Anthropology, University of California, Santa Barbara (UCSB)
2000-2002	Teaching Associate (instructor of record), UCSB Department of Anthropology; North American Indians (one term), The Seacoast in Prehistory (two terms)
2000-2001	Co-Lead Teaching Assistant, UCSB Department of Anthropology
2000-2001	Head Teaching Assistant, UCSB Environmental Studies
2000	Teaching Assistant, UCSB Department of Anthropology
1999-2000	Laboratory supervisor and mapping technician for <i>Red Abalone Midden Project</i> , Santa Cruz Island, UCSB Department of Anthropology
1998	Head Teaching Assistant, UCSB Department of Anthropology
1997	Staff Archaeologist, Gallegos & Associates, San Diego, CA
1997	Teaching Assistant, UCSB Department of Anthropology
1996	Laboratory Director, Archaeological Field School at Eel Point, San Clemente Island, California State University, Northridge, Department of Anthropology
1994-1996	Staff Archaeologist, Gallegos & Associates
1992-1994	Student Assistant to Staff Archaeologist, County of San Diego, Department of Public Works, Environmental Services Unit

**SELECTED PUBLICATIONS**

Perry, Jennifer E. and Christopher S. Jazwa  
2010 Spatial and Temporal Patterning in Chert Exploitation on Eastern Santa Cruz Island, California. *American Antiquity* (in press).

Glassow, Michael A., Jennifer E. Perry, and Peter F. Paige  
2008 *The Punta Arena Site and Early and Middle Holocene Cultural Development on Santa Cruz Island, California*. Santa Barbara Museum of Natural History, Santa Barbara.

Glassow, Michael A., Lynn Gamble, Jennifer E. Perry, and Glenn Russell

2007 Prehistory of the Northern California Bight and the Adjacent Transverse Ranges, pp. 191-215. In: *California Prehistory: Colonization, Culture, and Complexity*, edited by Terry L. Jones and Kathryn A. Klar. Altamira Press, Lanham, Maryland.

Perry, Jennifer E.

2007 Chumash Ritual and Sacred Geography on Santa Cruz Island, California. *Journal of California and Great Basin Anthropology* 27(2):103-124.

2006 From Students to Practitioners: Archaeological Field Schools as Authentic Research Communities. *SAA Archaeological Record* 6(1):25-29.

2004 Authentic Learning in Field Schools: Preparing Future Members of the Archaeological Community. *World Archaeology* 36(2):236-260.

2004 Quarries and Microblades: Trends in Prehistoric Land and Resource Use on Eastern Santa Cruz Island, pp. 113-131. In: *The Foundations of Chumash Cultural Complexity*, edited by Jeanne E. Arnold. Perspectives in California Archaeology, Volume 7. Cotsen Institute of Archaeology, University of California, Los Angeles.

2004 Subsistence Patterns in Middle and Late Period Deposits at CA-SBA-225, Vandenberg Air Force Base, California. *Journal of California and Great Basin Anthropology* 24(1):81-102.

#### **SELECTED TECHNICAL REPORTS**

Perry, Jennifer E.

2008 The Archaeology and Prehistory of the Channel Islands National Park Property on Santa Cruz Island, California and The Archaeology and Prehistory of the Middle to Late Holocene (5000-1000 BP) on the Northern California Channel Islands. In: *Channel Islands National Park Archaeological Overview and Assessment*, edited by Michael A. Glassow. Prepared for and on file at the Cultural Resources Division, Channel Islands National Park, Ventura, California. 156 pages.

2007 *Pre- and Post-Eradication Impacts of Feral Pigs (Sus scrofa) on Archaeological Sites on Santa Cruz Island*. Prepared for and on file at the Cultural Resources Division, Channel Islands National Park, Ventura, California. 53 pages.

#### **INTERDISCIPLINARY COLLABORATIONS**

2003-present: Cooperator, Cooperative Research Agreement between Channel Islands National Park (CINP) and Pomona College, which provides authorization to conduct archaeological research, funding and logistical support, as well as fieldwork opportunities for students. In addition to engaging in independent research, I am also involved with interdisciplinary projects that pertain to the protection and management of natural and cultural resources on the California Channel Islands (i.e., Santa Cruz Island Restoration Project).

2002-present: Member, Environmental Analysis Program at Pomona College. My involvement includes providing temporal and spatial perspectives on human-environment relationships as well as on California; serving as the advisor for the Human Behavior and Environment track of the Environmental Analysis major; and co-organizing and leading two-week faculty-student field excursions to look holistically at environmental issues in different regions (i.e., New Mexico in 2004, California in 2005).

.Sheila Pinkel  
210 N. Ave. 66  
Los Angeles, Ca. 90042  
(323) 256-1853  
[spinkel@earthlink.net](mailto:spinkel@earthlink.net)  
SHEILAPINKEL.COM

#### EDUCATIONAL BACKGROUND

Bachelor of Arts Degree, U.C. Berkeley, 1963, Art/Sculpture  
Masters of Fine Arts Degree, UCLA, 1977, Art/Photography

#### TEACHING EXPERIENCE

Pomona College, Professor of Art, 1986- present  
California Institute of the Arts, Visiting Artist, 1984-86  
Otis/Parsons School of Design, Instructor, 1981-82, 1985-86  
School of The Chicago Art Institute, Visiting Artist, 1983  
University of Illinois, Circle Campus, Visiting Instructor, 1984  
California Polytechnic Institute Pomona, Instructor, 1981-82  
UCLA Extension, Instructor, 1978-82

#### AWARDS and GRANTS

NEH Grant, 2004  
Freeman Foundation Grant, China, 2004  
Green Meadows Park Commission, City of Los Angeles, 2003  
Sherman Oaks Library Commission, 2001  
Mellon Grant for an on-line version of the History of Photography, 1998  
Hammer Award, Center For The Study of Political Graphics, 1996  
Visual Studies Workshop, book publishing grant 1992  
Artist of the Year, City of Santa Monica, Board of Education, 1988  
Sloan Foundation Grant, 1987, 1988, 1990  
NEA, Individual Artist Grant, 1979, 1982  
Westwood Art Association Annual Award, 1975  
Park La Brea Towers, Los Angeles, mural commission, 1975

#### SELECTED COLLECTIONS

Museum of Contemporary Art, San Diego, Museum of Contemporary Art, Los Angeles,  
Musée national d'art moderne, Centre Pompidou, Paris, France, Los Angeles County  
Museum of Art, San Francisco Museum of Modern Art, George Eastman House, Seattle  
Museum of Contemporary Art, Shirley Burden Collection, Eli Brode Collection,  
California Museum of Photography, Visual Studies Workshop, Rochester, NY, Museum  
of Modern Art, New York, Grunwald Center For Graphic Arts UCLA, Center For The  
Study of Political Graphics, Boston Museum of Fine Art, Fogg Museum, Harvard  
University, International Center for Photography, Minneapolis Institute of the Arts,  
Newport Harbor Art Museum, Santa Barbara Museum of Art, University of New Mexico

## EXHIBITIONS:

- 2009 Zimmer Children's Museum, "The Art of Language," invit. group ex.  
Brand Library, Glendale, Ca., "Man's Inhumanity to Man: Journey Out of  
Darkness," invitation group exhibition
- 2008 National Centres of Contemporary Art, Ekaterinburg, Russia, "In Transition  
Russia 2008," to travel to Turrian Federation, Moscow; organized and  
participated in exhibition and symposium  
Robert Berman Gallery, Santa Monica, California, "Change America," group ex.  
Orange County Center For Contemporary Art, Santa Ana, Ca., "How Does A  
Patriot Act?," invitational group exhibition  
BC Space, Laguna Beach, Ca., "My Father's Party Is Busted," invitation grp ex  
Java Studios, Brooklyn, NY, "5 Years: Artists' Reflections on the War," group ex  
Urbana-Champaign Independent Media Center, "The Audacity of Desperation",  
group exhibition; DEMO 122, NY City; Sea and Space Explorations, LA  
American Jewish University, Los Angeles, "Art and Activism", 3 person ex.  
Pomona College, Claremont, Ca., faculty exhibition  
University of Minnesota, Regis Center for Art, "culturing nature::culturing  
technology," invitational group exhibition
- 2007 Self Help Graphics, Los Angeles, "No Human Being is Illegal," invit. group ex.  
Central Connecticut State University, "Painting With Fire: Agitprop Murals From  
Around the World," invitational gr. ex.  
Providence, Rhode Island, City Hall, "Hmong In Transition," solo exhibition  
Track 16 Gallery, "Then and Now," invitational group exhibition  
3<sup>rd</sup> International Women's Peace Conference, Dallas, TX. Invitational group ex.  
Orange County Center For The Arts, group exhibitions
- 2006 Exit Art, New York, NY, "Drop," invitational group ex  
Watts Towers Art Center, "Prison Nation." invitational group ex  
Zimmer Children's Museum, "Keeping Time", invitational group ex  
Craft and Folk Art Museum, "Street Signs and Solar Ovens: Social Craft in Los  
Angeles," invitational group exhibition  
Lanitis Foundation, Island of Cyprus, "In Transition," featured artist in group ex.
- 2005 Pendergast California Parole Museum, Diamond Bar, Ca., "100 Years of Parole"  
Track 16 Gallery, Santa Monica, Ca., "Dust", invitational group exhibition  
Track 16 Gallery, Santa Monica, Ca. ""Dead Wrong: International Posters  
Against The Death Penalty," invitational group exhibition
- 2004 B.C. Space, "Mean Times Back At Home," invitational group ex.  
California Polytechnic Pomona, "Nexus," invitational group ex.  
Track 16 Gallery, Santa Monica, Ca., "Put Up or Shut Up," group ex.  
Hanoi University of Art, "Moving Ahead, Moving Forward," group ex.,  
also at Silpakorn University, Bangkok, Thailand

# Kathleen L. Purvis-Roberts, Ph.D.

---

Claremont McKenna, Pitzer,  
& Scripps Colleges  
Joint Science Department  
W.M. Keck Science Center  
925 N. Mills Ave.  
Claremont, CA 91711

Phone: (909)607-9782  
Fax: (909)621-8588  
e-mail: kpurvis@jsd.claremont.edu

---

## Education

Postdoctoral Fellow (July 2000-June 2001)  
Advanced Study Program  
National Center for Atmospheric Research  
Boulder, CO

Ph.D. in Physical Chemistry (February 2000)  
University, Princeton, NJ  
Advisor: Professor Steven L. Bernasek

Certificate in Science, Technology, Princeton  
& Environmental Public Policy  
Woodrow Wilson School of Public  
& International Affairs  
Princeton University, Princeton, NJ  
Advisor: Professor Daniel Kammen  
(January 1997- May 1999)

M.A. in Chemistry (January 1997)  
University, Princeton, NJ

B.S. Chemistry, Cum Laude (May 1995)  
Westmont College, Santa Barbara, CA  
Advisor: Professor Allen Nishimura

## Work Experience

**2007- present** Associate Professor of Chemistry, Joint Science Department of the  
Claremont Colleges, Claremont, CA

**2001-2007** Assistant Professor of Chemistry, Joint Science Department of the Claremont  
Colleges, Claremont, CA

## Awards

American Chemical Society, Younger Chemists Committee Leadership Development  
Award January 2008

Teresa Heinz Scholar for Environmental Research 1999-2000

Heuser Graduate Fellowship in Chemistry 1998-1999

Pickering Teaching Award October 1998

Princeton Environmental Institute- Science, Technology, and Public Policy (PEI-STEP)  
Fellowship 1997-1999

## Research & Pedagogical Grants (selected from 9 funded proposals)

- Co-PI on NSF Proposal (ATM-0849243) **Collaborative Research: Reactions and Fate of Amines in the Atmosphere Emitted from Animal Feeding Operations** in Collaboration with Dr. Phil Silva, U.S. Department of Agriculture, and Professor David Crocker, University of California Riverside, July 2009-July 2011 (**\$460,101**).
- Co-PI on National Science Foundation Grant (DUE-0525574), **"Increasing Science Graduates Through Interdisciplinary Teaching and Research,"** Newton H. Copp, Gretchen Edwalds-Gilbert, Kathleen L. Purvis, Kersey A. Black, Scot A. Gould, September 2005-August 2009 (\$498,700).
- Co-PI on National Science Foundation Grant (BCS-0214406), **"Collaborative Proposal: Perceptions of Risk From Nuclear Testing in Kazakhstan: A Comparative Study**

## Kathleen L. Purvis-Roberts

**of Kazakh Villagers, Health Care Workers & Research Scientists,”** in collaboration with Professor Cynthia Werner, Texas A&M University, and Dr. Nurlan Ibraev, M.D., Director of “Densaullyq” State Agency for Health Care in East-Kazakhstan Oblast, July 2002-July 2005 (\$144,400).

- Andrew W. Mellon Foundation, **“Enhancement of Environmental Science at the Joint Science Department,”** with G. Edwalds-Gilbert, J. Higdon, and J. Garris, Spring 2005-2008 (\$285,000).

### **Publications** (selected from 20 peer-reviewed publications)

- **“Accelerated Integrated Science Sequence (AISS): An Introductory Biology, Chemistry and Physics Course for College Students,”** Kathleen L. Purvis-Roberts, Gretchen Edwalds-Gilbert, Adam S. Landsberg, Newton Copp, Lisa Ulsh, David Drew, *The Journal of Chemical Education*, **2009**, 86 (11), 1295-1299.
- **“Atmospheric formation of 9,10 phenanthroquinone in the Los Angeles Air Basin,”** Eiguren-Fernandez, A., Miguel, A.H., Lu, R., Purvis, K., Grant, B., Mayo, P., Di Stefano, E., Cho, A., and Froines, J. *Atmospheric Environment*, **2008**, 42, 2312-2319.
- **“Geographical Information Systems (GIS) Mapping of Environmental Samples Across a College Campus,”** Kathleen L. Purvis-Roberts, Harriet P. Moeur, and Andrew Zanella, *The Journal of Chemical Education*, **2007**, 82 (10), 1691-1692.
- **“Perceived Risks from Nuclear Testing Near Semipalatinsk, Kazakhstan: A Comparison Between Laypeople, Doctors, and Scientists,”** Purvis-Roberts, K.L., Werner, C.A., and Frank, I. *Risk Analysis*, **2007**, 27, 291.
- **“Unraveling the Secrets of the Past: Contested Versions of Nuclear Testing in the Soviet Republic of Kazakhstan,”** Cynthia Werner and Kathleen Purvis-Roberts, In *Half-Lives and Half-Truths: Confronting the Radioactive Legacies of the Cold War*. Edited by Barbara Rose Johnston. School of American Research, 2007.
- **“Designing a Geospatial Information Infrastructure for the Mitigation of Natural Hazards in Urban Areas,”** Wilhelmi, O.V.; Purvis, K.L.; Harriss, R. *Natural Hazards Review*, **2004**, 5, 147.
- **“Worker Exposure and Health Risks from Volatile Organic Compounds Utilized in the Paint Manufacturing Industry of Kenya,”** Purvis, K.L.; Jumba, I.O.; Wandiga, S.; Zhang, J.; Kammen, D.M. *Applied Occup. Environ. Hyg.* **2001**, 16, 1035.
- **“Surface Characterization and Modification of Indium Tin Oxide in Ultrahigh Vacuum,”** Purvis, K.L.; Lu, G.; Schwartz, J.; Bernasek, S.L. *J. Am. Chem. Soc.* **2000**, 122, 1808.

### **Book**

- Spiro, Thomas G. Purvis-Roberts, Kathleen L. and Stigliani, William M. **Chemistry of the Environment, 3<sup>rd</sup> Edition.** Herndon, VA: University Science Books, (currently under review for publication Fall 2010).

### **Presentations/Invited Talks** (selected from 23 talks)

- **“Nuclear Testing Near Semipalatinsk, Kazakhstan: An Environmental Catastrophe,”** Cornell University, Department of Engineering, Bovay Program in the History of Ethics of Engineering, October, 29, 2008.
- **“Particle into liquid sampler (PILS) for Southern California PM-2.5 analysis,”** Princeton University, Department of Chemistry, August 22, 2008.
- **“Integration of environmental chemistry experiments into the introductory chemistry curriculum through Geographic Information System (GIS) mapping and water characterization,”** (Invited) American Chemical Society National Meeting, Philadelphia, PA. August 17, 2008.
- **“Risk Perception of Radiation Exposure of Villagers Living Near the Semipalatinsk Nuclear Test Site,”** American Geophysical Union Fall Meeting, San Francisco, CA, December 12, 2006.
- **“Particle into liquid sampler (PILS) for Southern California PM-2.5 analysis,”** (Invited) K.L. Purvis-Roberts, Z.H. Davis, A. Braun, E.L. Zeitler, B. Brayton, J. Gordon, J. Wiggins-Camacho, J. Chapman. American Chemical Society National Meeting, Atlanta, GA, March 30, 2006.

CURRICULUM VITAE  
**ALAN JEFFREY SHUSTERMAN**

**PERSONAL**

Business Address: Department of Chemistry  
Reed College  
3203 SE Woodstock Blvd.  
Portland, OR 97202-8199  
Business Telephone: (503) 771-1112 ext. 7699  
Home Page: blogs.reed.edu/alan  
Date/Place of Birth: May 15, 1955 in Los Angeles, CA

**EDUCATION**

B.S. with Honors California Institute of Technology, Pasadena, CA. June, 1976.  
Ph.D. in Chemistry University of Wisconsin-Madison, Madison, WI. January, 1981.

**PROFESSIONAL EXPERIENCE**

1989 - present Professor, Department of Chemistry, Reed College, Portland, OR.  
2006, 2007 Visiting Professor, Portland State University, Portland, OR.  
1995, 1998 Visiting Scientist and Author, Wavefunction, Inc., Irvine, CA.  
1992, 1997 Visiting Associate Professor, Portland State University, Portland, OR.  
1994 Consultant, Shaman Pharmaceuticals, South San Francisco, CA.  
1989 Visiting Assistant Scientist, Department of Chemistry, University of California, Irvine, CA. Research Director: Professor Warren J. Hehre.  
1985-1989 Assistant Professor, Department of Chemistry, Pomona College, Claremont, CA.  
1984-1985 Visiting Scientist, IBM Research Laboratory, San Jose, CA. Manager: Dr. Carol Jones  
1983-1985 Lecturer, College of Chemistry, Tel Aviv University, Ramat Aviv, Israel.  
1982-1983 Postdoctoral Research Fellow, Department of Chemistry, Ben-Gurion University of the Negev, Beer-Sheva, Israel. Advisor: Professor Dan Meyerstein.  
1981-1982 Miller Research Fellow, Miller Institute for Basic Research in Science, University of California, Berkeley, CA. Advisor: Professor Earl L. Muetterties (deceased).  
1976-1981 Graduate Research Assistant, Department of Chemistry, University of Wisconsin, Madison, WI. Thesis Advisor: Professor Charles P. Casey.  
1976-1977 Graduate Teaching Assistant, Department of Chemistry, University of Wisconsin, Madison, WI.

**PROFESSIONAL AFFILIATIONS**

American Association for the Advancement of Science, American Chemical Society, Journal of Chemical Education  
Feature Editor (Molecular Modeling Exercises & Experiments)

**PEER-REVIEWED GRANTS**

1985-1990 **Grant to Distinguished New Faculty**, Camille and Henry Dreyfus Foundation, Inc. \$25,000  
1986-1988 "The Synthesis and Chemistry of Transition Metal Silaacyl and Silyl Complexes", **Petroleum Research Fund**, Type G Grant, American Chemical Society. \$18,000  
1990-1992 "A Graphics Workstation in the Undergraduate Chemistry Curriculum", **Instrumentation and Laboratory Improvement Program**, National Science Foundation. \$16,149.  
1990-1992 "Predicting the Mutagenic Activity of Triazenes in *S. Typhimurium*", **Partners in Science Program**, M. J. Murdock Charitable Trust Grant of Research Corporation, \$13,000.

- 1993-1995 "Using Models to Develop 'Chemical Intuition'", **Instrumentation and Laboratory Improvement Program**, National Science Foundation. \$44,999.
- 1996-1997 "Using Virtual Laboratories to Enhance Undergraduate Science Instruction", Keck Foundation, \$200,000.
- 2009-2011 "Synthesis and Characterization of New Fe-TAML® Oxidation Catalysts Containing Alkyloxy and Aryloxy Substituents", American Chemical Society Green Chemistry Institute – Petroleum Research Foundation #49152-GCI, \$27,600

## REPRESENTATIVE PUBLICATIONS

1. J.E. Bender IV, A.J. Shusterman, M.M. Banaszak Holl, J.W. Kampf, "X-ray Crystallographic and Theoretical Comparison of  $\text{Ge}[2,4,6-(\text{CF}_3)_3\text{C}_6\text{H}_2]_2$  and  $\text{Ge}[\text{N}(\text{SiMe}_3)_2]_2$  as Ligands in  $(\text{Ph}_3\text{P})_2\text{NiGeX}_2$  Complexes", *Organometallics*, **1999**, *18*, 1547-1552.
2. A. Shusterman, W. Hehre, "Wavefunction's SpartanView and SpartanBuild" CD-ROM. In J. McMurry, "Organic Chemistry 5/e", Brooks-Cole, Pacific Grove, CA, **2000**.
3. A. Shusterman, W. Hehre, "Learning Chemistry with Molecular Models: Using SpartanBuild and SpartanView". In F. Carey, "Organic Chemistry 4/e", McGraw-Hill, Boston, MA, **2000**.
4. A.J. Shusterman, L.M. Hoistad, "Teaching Chemistry with Electron Density Models. 2. Can Atomic Charges Adequately Explain Electrostatic Potential Maps?" *Chemical Educator*, **2001**, *6*, 36-40.
5. R.P. Verma, S. Kapur, O. Barberena, A. Shusterman, C.H. Hansch, C.D. Selassie, "Synthesis, Cytotoxicity, and QSAR Analysis of X-Thiophenols in Rapidly Dividing Cells", *Chemical Research in Toxicology*, **2003**, *16*, 276-284.
6. W. Xu, A.J. Shusterman, R. Marzke, C.A. Angell, "LiMOB, an Unsymmetrical Nonaromatic Orthoborate Salt for Nonaqueous Solution Electrochemical Applications", *Journal of the Electrochemical Society*, **2004**, *151*, A632-A638.

## SEMINARS, POSTERS, and WORKSHOPS (2005-2009)

\* Invited Speaker, + Poster, ‡ Workshop presentation

1. \* "3 Stories: Using Models to Teach the (Chemical) Facts of Life", National Science Foundation Workshop on Introducing Computational Chemistry into Undergraduate Organic Chemistry Courses, Cabrillo College, Aptos, CA, May, 2006.
2. "Chemical Lessons from Pre-Built (Database) Models." Symposium on Computational Chemistry Investigations for Undergraduates, 232<sup>nd</sup> National Meeting of the American Chemical Society, San Francisco, California, September, 2006.
3. "Too Much Trust vs. Too Much Skepticism: Five Tools for Finding a Middle Ground." Symposium on Computational Chemistry Investigations for Undergraduates, 232<sup>nd</sup> National Meeting of the American Chemical Society, San Francisco, California, September, 2006.

## SUSTAINABILITY/GREEN CHEMISTRY ACTIVITIES

1. "5<sup>th</sup> Green Chemistry and Engineering Conference", U.S. Environmental Protection Agency, National Academy of Sciences, Washington, DC, June, 2001.
2. "Green Chemistry in Education Workshop", National Science Foundation, University of Oregon, Eugene, OR, July, 2003.
3. "Green Chemistry", Gordon Research Conference, Roger Williams University, Bristol, RI, July, 2004.
4. "Green Science Project" ([reedgreen.wordpress.com](http://reedgreen.wordpress.com)), Reed College, faculty supervisor, 2006-present.
5. Sustainability committee, Reed College, Portland, OR, September 2009-present.



**CHARLES J. TAYLOR**  
**ASSOCIATE PROFESSOR OF CHEMISTRY**  
**December 2009**

**EDUCATION**

Ph.D. in Analytical Chemistry, University of Minnesota 1999  
Dissertation: "An Examination of Precursor Chemistry and Its Effects on Microstructure in Chemical Vapor Deposition of Titanium Dioxide and Aluminum Thin Films"  
Advisor: Professor Jeffrey T. Roberts  
B.A. in Chemistry, Macalester College 1991

**EMPLOYMENT**

Associate Professor of Chemistry, Pomona College 2009 to Present

- President's Advisory Committee on Sustainability, Chair
- Departmental representative to Environmental Analysis Program
- Mentored thesis research for undergraduates

Assistant Professor of Chemistry, Pomona College 2002 -2009

- Served on President's Advisory Committee on Sustainability, member and later Chair
  - Oversaw hiring process for Sustainability Coordinator
  - Oversaw selection of Sustainability Audit Firm
  - Hired student auditors for Sustainability Audit
- Departmental liaison to Public Policy and Analysis Program
- Departmental representative to Environmental Analysis Program
- Mentored thesis research for undergraduates
- Served on Student Affairs Committee
- Coordinated departmental seminars

**SUSTAINABILITY RELATED PRESENTATIONS**

"Progress Toward a Sustainable Pomona College" presentation to Faculty and Staff in Frank Blue Room  
February 2008

**COLLEGE SERVICE**

Chair, Pomona College President's Advisory Committee on Sustainability 2008-present  
Member, Pomona College President's Advisory Committee on Sustainability 2006-2008  
Member, Pomona College Student Affairs Committee 2003-2005

**COURSES TAUGHT**

General Chemistry with Lab  
Advanced Analytical Chemistry with Lab  
Environmental Chemistry  
Independent Studies in Chemistry

**CURRENT RESEARCH EFFORTS**

- Determination of impacts of leaded aviation fuels on areas surrounding municipal airports.
- Fabrication of selective chemical sensors for use in environmental monitoring.

**UNDERGRADUATE RESEARCH ADVISEES**

Christopher Zarzana, Harvey Mudd College ('03)	Emily Bockmon, Pomona College ('08)
Gerardo Lopez-Mena, Pomona College ('04)	Liza Harman, Pomona College ('08)
Amanda Raya, Pomona College ('04)	Scott Stroup, Pomona College ('08)
Danielle Mata, Pomona College ('05)	Bonnie Diep, Pomona College ('09)
Kristina Bajema, Pomona College ('06)	Eliot Chang, Pomona College ('10)
Eric Edens, Pomona College ('07)	Adam Chaimowitz, Pomona College ('10)
David Dorsey, Pomona College ('07)	Casey Davis-VanAtta, Pomona College ('10)
David Duff-Amsel, Pomona College ('07)	David Kotevski, Pomona College ('10)
Samuel Farina-Henry, Pomona College ('07)	Jamie Shannon, Pomona College ('11)
Joseph Beardslee, Pomona College ('08)	Jake Schual-Berke, Pomona College ('11)
Anna Mebust, Pomona College ('08)	Heidi Leonard, Pomona College ('12)

**FELLOWSHIPS AND GRANTS**

National Institute of Standards and Technology, Grant: 60NANB8D8160 2008-11  
 Title: "Selective Metal Oxide Sensors Prepared by Chemical Vapor Deposition:  
 Using Precursor Chemistry to Control Film Microstructure"  
 Principal Investigator  
 \$90,000

National Institute of Standards and Technology, Grant: 60NANB6H6161 2006-08  
 Title: "Combinatorial Preparation of Selective Sensing Materials by Chemical Vapor  
 Deposition:Using Precursor Chemistry to Control Film Microstructure"  
 Principal Investigator  
 \$28,307

National Science Foundation Major Research Instrumentation Grant: 0618417 2006-08  
 Title: "Acquisition of EDS Microanalysis and Nanometer Pattern Generation Systems for Electron  
 Microscopy Facilities at a Primarily Undergraduate Consortium"  
 Co-Principle Investigator with David Tanenbaum and Robert Gaines  
 \$159,886

ASEE-NASA Faculty Fellowship, Jet Propulsion Laboratory 2003  
 \$12,000

NIST/National Research Council Postdoctoral Fellowship 2000-02  
 \$111,000

**David M. Tanenbaum**  
Assistant Professor of Physics & Astronomy  
Pomona College  
610 N. College Ave.  
Claremont, CA 91711  
dtanenbaum@pomona.edu

### A. Professional Preparation

Harvey Mudd College	Physics	B.S.	1988
University of Colorado, Boulder	Physics	M.S.	1991
University of Colorado, Boulder	Physics	Ph.D.	1995

### B. Appointments

Associate Professor of Physics & Astronomy, Pomona College	2003-present
Assistant/ Professor of Physics & Astronomy, Pomona College	1997-2003
Postdoctoral Fellow, Applied & Engineering Physics, Cornell University	1995-1997
Dept. of Energy University - Laboratory Graduate Fellowship, NREL	1990 - 1993
Research Assistant, Newport Research Corporation	1988

### C. Publications

(i) *Publications Most Closely Related to the Project:*

1. I. W. Frank, D. M. Tanenbaum, A.M. van der Zande, and Paul L. McEuen "Mechanical Properties Of Suspended Graphene Sheets" in *Journal of Vacuum Science and Technology B*, Vol. 25, No. 6, 2558-2561 Nov/Dec. 2007.
2. J. Scott Bunch, Arend M. van der Zande, Scott S. Verbridge, Ian W. Frank, David M. Tanenbaum, Jeevak M. Parpia, Harold G. Craighead, and Paul L. McEuen "Electromechanical Resonators from Graphene Sheets" in *Science*, Vol. 315 (5811), 490-493, Jan 2007.
3. Jed D. Whittaker, Ethan D. Minot, David M. Tanenbaum, Paul L. McEuen, and Robert C. Davis "Measurement of the Adhesion Force between Carbon Nanotubes and a Silicon Dioxide Substrate" in *Nano Letters.*, Vol. 6, No. 5, 953-957 (2006).
4. D.M. Tanenbaum, Y. Chen, and H.G. Craighead "Dual Exposure Glass Layer Suspended Structures (DEGLaSS): A novel fabrication process for glass microfluidic nanostructures on planar substrates" in *Micro Total Analysis Systems 2001*, p.391 (2001).
5. D.M. Tanenbaum, A. Olkhovets, L. Sekaric "Dual Exposure Glass Layer Suspended Structures (DEGLaSS): A simplified fabrication process for suspended nanostructures on planar substrates" *Journal of Vacuum Science and Technology B*, 19, 2829 (2001).
6. K. M. Satyalakshmi, A. Olkhovets, M.G. Metzler, C. K. Harnett, D. M. Tanenbaum, and H. G. Craighead, "Charge induced pattern distortion in low energy electron beam lithography" *Journal of Vacuum Science and Technology B*, 18, 3122 (2000).
7. D.M. Tanenbaum, C.W. Lo, M. Isaacson, H.G. Craighead, M.J. Rooks, K.Y. Lee, W.S. Huang, and T.H.P. Chang "High resolution electron beam lithography using ZEP-520 and KRS resists at low and high voltage" *Journal of Vacuum Science and Technology B*, 14, 3829 (1996).

8. C.S. Whelan, D.M. Tanenbaum, D.C. La Tulipe, M. Isaacson, and H.G. Craighead "Low energy electron beam top surface image processing using chemically amplified AXT resist" *Journal of Vacuum Science and Technology B*, 15, 2555 (1997).

(ii) *Other Significant Publications:*

9. Y. Sohda, D.M. Tanenbaum, S.W. Turner, and H.G. Craighead "Fabrication of arrayed glassy carbon field emitters" *Journal of Vacuum Science and Technology B*, 15, 343 (1997).
10. D.M. Tanenbaum, A. Laracuate, and A.C. Gallagher "Surface roughening during plasma-enhanced chemical vapor deposition of hydrogenated amorphous silicon on crystal silicon substrates" *Physical.Review. B.*, 56, 4243, (1997).

**D. Synergistic Activities:**

Development of an Applied Physics and Engineering Track in Environmental Analysis at a primarily undergraduate institution:

Teaching and support for an innovative introductory physics curriculum entitled *Six Ideas That Shaped Physics* that was one of four course models developed for the national Introductory University Physics Project (IUPP), a joint project of the National Science Foundation (NSF) and the American Institute of Physics (AIP).

Liaison and Advisor for students in the Physics and Public Policy Analysis and Science Technology and Society programs: Students have internships to corporations and government agencies where scientific issues and public policy issues are mixed together on a daily basis. I developed a new course, *Physics in Society: A Critical Analysis of Energy Policies*, for these programs.

Coordinator of outreach workshops and lending library for Southern California High School Teachers as part of a collaboration with the Cornell Center for Nanoscale Systems Institute for Physics Teachers.

**E. Collaborators and Other Affiliations**

(i) *Recent Collaborators:*

Y.F. Chen (Cornell), H. G. Craighead (Cornell), R. Davis (BYU), M. Guillhorn (Cornell/IBM), F. Krebs (Denmark) E. Lavallée (Quantiscript), G. Malliaras (Cornell) P. McEuen (Cornell) G.M. Metzler (Cornell), A. Olkhovets (Lucent), L. Sekaric (IBM), Y. Sohda (Hitachi), S.W. Turner (Nanofluidics), A. Zanzal (Quantiscript).

(ii) *Graduate and Postdoctoral Advisors:*

Alan C. Gallagher (thesis advisor, University of Colorado, Boulder)  
Harold G. Craighead (post-doctoral advisor, Cornell University)

(iii) *Thesis Advisor and Postdoctoral-Scholar Sponsor*

Masters Thesis at Cornell University (co-advisor): Hao Lin  
Undergraduate Theses Advised (total >20 over 12 years):  
Undergraduate Student Researchers Advised (total >40 over 12 years)

## Kate Thomas

Bryn Mawr College English Dept  
101 N Merion Ave  
Bryn Mawr PA 19010  
Tel: (610) 526 5306

1125 Catharine St  
Philadelphia, PA 19147  
(215) 627-1175  
kthomas@brynmawr.edu

---

### ACADEMIC APPOINTMENTS

<b>Associate Professor of English Literature</b> , Bryn Mawr College	2008-
<b>Assistant Professor of English Literature</b> , Bryn Mawr College	2004-
<b>Assistant Professor of English Literature</b> , Dartmouth College (reappointed 2004)	2001-04
<b>Visiting Instructor in English Literature</b> , Oberlin College	2000-01
<b>Instructor in English Literature</b> , Oxford University	Fall 1997-99

---

### EDUCATION

<b>University of Oxford</b> (Magdalen College)	2003
D.PHIL. ENGLISH LITERATURE. Dissertation ~ "A National Correspondence: Postal Reform and Fictions of Communication in Nineteenth-Century British Culture." Supervisor: Dr. Kate Flint; Committee: Dr. Robert Young; Professor Dorothy Mermin; Dr. Sos Eltis; Dr. Clare Pettitt	
<b>Cornell University</b>	1996
M.A. ENGLISH LITERATURE. Chair: Professor Dorothy Mermin; Committee: Professors Neil Saccamano; Reeve Parker	
<b>University of Oxford</b> (Keble College)	1990-03
B.A. (HONORS) ENGLISH LITERATURE AND LANGUAGE. First Class ( <i>summa cum laude</i> )	

---

### RESEARCH AND TEACHING INTERESTS

Victorian Studies; Queer Theory and Literature; Food Studies; Critical and Cultural Theory

---

### PUBLICATIONS

#### Book

*Postal Pleasures in Nineteenth-Century British Literature and Culture.* Forthcoming. Oxford University Press

#### Articles

"Matthew Arnold's Diet." under consideration at *ELH*

"Alimentary: Arthur Conan Doyle and Isabella Beeton." *Victorian Literature and Culture*, 36:2 Fall 2008

"Post Sex: On Being Too Slow, Too Stupid, Too Soon." *South Atlantic Quarterly*, 106:3 Summer 2007, pp615-24

---. Reprinted in *After Sex*. Eds. Janet Halley and Andrew Parker. Duke University Press, 2010

"What Time We Kiss': Michael Field's Queer Temporalities." *GLQ: A Journal of Lesbian and Gay Studies* 13.2-3, 2007, pp327-351

- "A Queer Job for a Girl: Women Postal Workers in the Late Nineteenth Century." *In a Queer Place: Sexuality and Belonging in British and European Contexts*. Ed. Kate Chedgzoy, Emma Francis and Murray Pratt. Ashgate Press, 2002, pp50-70
- "Racial Alliance and Postal Networks in Conan Doyle's 'A Study in Scarlet.'" *Journal of Colonialism and Colonial History* 2:1 The Johns Hopkins University Press, Spring 2001, pp9-23
- "Lady Lucie Duff Gordon." *Nineteenth-Century British Women Writers: A Critical Sourcebook*. Greenwood Press, 2000, pp194-197

## Reviews

- Women's Literary Collaboration, Queerness, and Late-Victorian Culture* by Jill R.Ehenn. *Victorian Studies*, forthcoming 2009.
- Between Women: Friendship, Desire and Marriage in Victorian England* by Sharon Marcus. *Nineteenth-Century Gender Studies* 4:1, Spring 2008.
- Friendship's Bonds: Democracy and the Novel in Victorian England* by Richard Dellamora. *GLQ: A Journal of Lesbian and Gay Studies* 12: 1, 2006, 161-163.
- The Tame Passions of Oscar Wilde* by Jeff Nunokawa, *Bryn Mawr Review of Comparative Literature* (Spring 2005)
- Sapphic Slashers* by Lisa Duggan, *LGSN* 28:3 (Fall 2001)
- We Are Michael Field* by Emma Donoghue and *The Michael Field Catalogue*, by Ivor C.Treby. *Victorian Studies* 42 (Winter 1999)

---

## GRANTS AND AWARDS

- Rosalyn R. Schwartz Teaching Prize, Bryn Mawr College 2008
- Co-P.I., Food Studies Group, Mellon Tri-Co Forum Faculty Development Grant 2006-08
- Co-P.I., International Faculty Group, Mellon Tri-Co Forum Faculty Development Grant 2005-07
- Penn Humanities Forum Mellon Regional Faculty Research Fellow 2006-07
- International Studies Center, Bryn Mawr College, International Research Grant 2006
- Technology in the Classroom Grant, Bryn Mawr College 2005
- Dartmouth College Junior Leave Fellowship 2004 (declined)
- Dartmouth College Dickey Center, International Research Grant 2003
- Post-Doctoral Fellowship, Keble College, Oxford University 2000-03 (declined)
- British Academy Studentship 1996-09, Humanities Research Board, UK
- Meyerstein Travel Award 1999, Oxford University
- Maxwell Research Grant 1999, Oxford University
- Mellon Foundation Fellowship 1994 and 1995, Cornell University
- Fulbright Foundation Grant 1994-06
- Commonwealth Graduate Scholarship 1994 (declined)
-

## CURRICULUM VITAE

Hansjakob Werlen

Spring 2010

Department of Modern Languages and Literatures  
 Swarthmore College,  
 Swarthmore, PA 19081  
 (610) 328-8612

515 Elm Avenue  
 Swarthmore, PA 19081  
 (610) 543-6649

**Education**

1980-87 Stanford University, Stanford, California, (Ph.D. in German Studies, January 1988)  
 1985-86 Freie Universität Berlin  
 1978-80 University of Notre Dame, Notre Dame, Indiana (M.A., Modern Languages, May 1980)  
 1975-78 University of Berne, Switzerland

**Teaching and Research Interests**

Late eighteenth, early nineteenth century German Literature  
 Fin-de-Siècle European Literature, Contemporary German literature.  
 Food Studies  
 Individual Writers: Herder, Goethe, Kleist.

**Academic Awards (partial list)**

Mellon Tri-Co Faculty Forum Seed Grant, 2008  
 Mellon Grant, new curricular direction support, 2004-05  
 German Academic Exchange Stipend (DAAD),  
 Cornell University, Summer 1997  
 Mellon Grant, Middlebury Language and Technology Workshop, Middlebury College,  
 Summer 1996  
 Mellon Tri-College Collaborative Curricular Initiative Grant, Spring 1996  
 NEH Stipend, University of Rhode Island, Summer 1995  
 German Academic Exchange Stipend (DAAD), Cornell U., Summer 1991  
 NEH Stipend, UC Santa Barbara, Summer Institute, 1990.

**Academic Service (partial list)**

Member COFP, 2009-  
 Acting Chair, Department of Modern Languages and Literatures, 2007-08  
 Chair, Department of Modern Languages and Literatures, 2001-2003  
 Co-Chair, Land Use Committee, Spring 2009  
 Land Use Committee, 2001-2003, 2004-09.  
 Admissions Committee, 2001-2003  
 Search Committee for Provost, Fall 2000  
 Committee on Educational Policy (CEP), 1996-1998

Faculty and Staff Benefits Committee, 1997-1998, 1999  
 Search Committee for Humanities Librarian, Fall 1996

### Teaching Experience

Professor of German, 2004- present  
 Associate Professor of German, 1996-2004  
 Assistant Professor of German, Swarthmore College, Swarthmore, PA, 1987-1996  
 Teaching Assistant, Department of German Studies, Stanford University, Stanford, California, 1981-87.  
 Teaching Assistant, Department of Modern Languages and Literatures, University of Notre Dame, Notre Dame, Indiana, 1978-80

### New Courses developed at Swarthmore (partial list)

Food Revolutions: History, Politics, Culture. Fall 2009  
 Expressions of Infinite Longing: German Romanticism and its Discontents. Spring 2009  
 Mördergrube: Der neue deutsche Krimi. Spring 2009  
 Heinrich von Kleist und E.T.A. Hoffmann. Spring 2008  
 Das deutsche Drama. Spring 2007  
 Between Appetite and Aesthetics: A cultural history of Taste. Fall 2006  
 Gegenwartsliteratur: Recent German Literature. Spring 2002  
 Theorizing Diaspora in Contemporary German Literature and Film. Fall 2002  
 Die deutsche Literatur nach dem Zweiten Weltkrieg. Fall 98  
 Grenzgänge(r): Multiculturalism in German Speaking Countries. Spring 97  
 Die deutsche Romantik. Ein interdisziplinäres Seminar. Fall 94  
 Rethinking Representation: German Idealist Philosophy and Early Romantic Theory.  
 Spring 93 (with Richard Eldridge)  
 Literature of Decadence. Fall 93

### Recent Publications (partial list)

#### Articles

“Stoff- und Motivanalyse”, *Methodengeschichte der Germanistik*. Jost Schneider (ed), Berlin, DeGruyter, 2009, 661-677.  
 “The Universal and the Particular. Herder’s Ideas on the Philosophy of the History of Mankind (1784-1791)”, *New History of German Literature*, Harvard University Press, 2004, 414-418.  
 “Sprache und (Wirtschafts) Wissenschaft im “Sina”-Kapitel von Herders *Ideen*.” *Vom Selbstdenken. Aufklärung und Aufklärungskritik in Herders “Ideen zur Philosophie der Geschichte der Menschheit*.” Ed. Regine Otto, John H. Zammito. Heidelberg, Synchron Wissenschaftsverlag, 2001, 157-164.  
 “Destiny’s Herald: Elias Canetti’s *Crowds and Power* and Its Continuing Influence.” In *Critical Essays on Elias Canetti*. Ed. David Darby. New York: G.K. Hall &Co, 2000. 171-185



## RICHARD KENDALL WORTHINGTON, PhD

---

Pomona College  
Department of Politics  
Claremont, CA 91711-6336

(909) 607-3529  
FAX: (909) 607-1274  
rworthington@pomona.edu

---

### Professional Experience

#### Pomona College

Associate Professor and Professor of Politics	1990-present
Chair, Politics Department	2003-2006
Chair, Science, Technology and Society Program, Claremont Colleges	1994-1996, 1997-1999, 2002-2006
Chair, Program in Public Policy Analysis	1990-2003, 2007 - present

#### University of Southern California

Associate Director, Center for Telecommunications Management	1990-2000
--	-----------

#### Harvey Mudd College

Visiting Associate Professor of Government	Fall 1990
--	-----------

#### Rensselaer Polytechnic Institute

Associate Professor of Political Science, Department of Science and Technology Studies	1983 - 1992
Research Associate, Center for Science and Technology Policy	1986 - 1992
Director, Graduate Program in Science & Technology Studies	1983 - 1988
Assistant Professor of Political Science	1977 - 1983

#### Nelson A. Rockefeller Institute of Government, State University of New York Research Foundation

Senior Fellow	1984 - 1985
---------------	-------------

#### Escuela de Administración de Negocios para Graduados (Peru)

Research Associate	1982
--------------------	------

#### University of Oregon

Graduate Teaching Fellow and Instructor, Department of Political Science	1972 - 1977
Contemporary Events Coordinator, Cultural Forum	1975 - 1976

#### Hartnell College, Salinas, California

Instructor, American Government	1973
---------------------------------	------

---

### Education:

MS/Ph.D	Political Science, University of Oregon	1973 - 1977
B.A.	Political Science, University of California, Berkeley	1971
	San Francisco State College	1968 - 1969
	Pasadena City College	1967 - 1968

## SELECTED RESEARCH PUBLICATIONS

“The Politics of Energy Self Sufficiency in American States and Regions”, in Gregory Daneke and George K. Lagassa, eds., *Public Administration and Energy Policy* (D.C. Heath, 1980), pp. 37-61.

“Toward a Synthesis of Politics and Trust”, *Humanity and Society*, December, 1980, pp. 321-343, with Valerie Restivo.

“Socialism and Ecology: An Overview”, *New Political Science*, Winter 1984, pp. 69-83.

“Renewable Energy Policy and Politics: The Case of the Windfall Profits Tax”, *Policy Studies Journal*, December 1984, pp. 365-376.

“Latin America” in Herbert I. Fushfeld, ed., *Framework for Interaction: Technical Structures in Selected Countries Outside the European Communities* (RPI Center for Science and Technology Policy, 1987), 62 pages.

“Consolidating a Field: RPI’s Doctoral Program in Science and Technology Studies”, *Bulletin of Science, Technology and Society*, v. 7, 1987, pp. 829-839. Reprinted in *Ciencia, Tecnología, y Sociedad*, Manuel Medina and José Sanmartín, eds., Anthropos (Barcelona, 1990).

“Democracy and Disaster: The Crisis of (Meta) Planning in America”, *Industrial Crisis Quarterly*, July 1988, pp. 33-51, with Michael Black.

“Science and Technology as a Global System” (symposium editor). Four original essays on the globalization of science and technology. In *Science, Technology and Human Values*, Winter 1993. Contributed essays include:

“Science and Technology as a Global System”, pp. 176-185.

“Globalization of Science and Repression of Scientists in Mexico”, pp. 209-229, with Mauricio Schoijet.

“The North American Free Trade Agreement and the Politics of Environmental Discourse: Economic Growth versus the Environment” in M. Black and F. Fischer, eds., *Greening Environmental Policy*, London, Paul Chapman, 1995, with Derek Churchill

“Immisseration of Industrial Scientists in the United States” in *Minerva: A Journal of Science, Learning and Policy*, Autumn 1995, with Roli Varma

The Internet a la Fin de Siècle: The Prospects for Internet Commerce, USC Center for Telecommunications Management, January 1998, with M.J. Mehler, et. Al.

*Rethinking Globalization: Production, Politics, Actions*, Peter Lang Publishing, 2000.

## TEACHING

International Relations  
Politics of Appropriate Technology  
Introduction to Political Science  
Science, Tech. & Public Policy  
Arms Control & Disarmament  
Politics of Environmental Justice  
Comparative Development

Technology Assessment  
Comparative Politics  
Science, Technology & Values  
Research Seminar in STS  
Technology in the Third World  
Organizational Theory  
Intro to STS

American Government  
Nature and Society  
Industrial Policy  
Model United Nations  
Ethics and Values in Public Policy  
Public Policy Internship  
Politics of Community Design

## BOARDS

Chair, Board of Trustees, The Loka Institute

Board of Directors, Pomona Valley Center for Community Development

Advisory Board, Draper Center for Community Partnerships, Pomona College

## Curriculum Vitae

### Catharine Wright

Writing Program, Center for Teaching, Learning and Research - Middlebury College  
[cwwright@middlebury.edu](mailto:cwwright@middlebury.edu) - (802) 443-2568

#### *Education:*

**University of Michigan**, MFA in Creative Writing, 1987

**Middlebury College**, BA, cum laude, high honors in English Literature, 1984

#### *Teaching Experience:*

##### **Middlebury College, Acting Associate Director of Writing, Lecturer in Writing, 1998-**

**present:** Teach introductory and upper level writing intensive classes within the Writing Program, English Dept, Creative Writing Program and Women and Gender Studies; advise theses and independent projects; individually tutor students on writing assignments across the curriculum; provide faculty development in the teaching of writing at annual retreat and other meetings; coordinate a summer roundtable series for faculty on diverse pedagogies; train and supervise the Peer Writing Tutor program; serve as faculty liaison to the Queer Studies House, an academic interest house for students. Also sat on the college's Diversity Council and Diversity Curriculum Committee and initiated a community weblog writing project called *dis.course* that features writing by students, faculty and staff on social differences (unfortunately the college no longer supports the software used, Movable Type, and the project is no longer available online).

**Middlebury College, Posse Mentor, 2001-2003:** Mentored a group of ten students from NYC public schools throughout their first and second year at Middlebury. Met bi-weekly in individual conferences with students to discuss academic, personal, and Posse concerns; planned weekly group meetings on topics ranging from race relations at Middlebury to career counseling; organized a weekend Posse Plus Retreat for 100 college students, faculty and staff at Lake Morey Resort; took Middlebury Posse III on field trips. Served as informal advisor to students on concerns related to race, gender, sexuality and class at Middlebury College.

**Middlebury College, Co-Director, *Leaders of Tomorrow Pre-Enrollment Program and Project for Integrated Expression*, August, 2002; August, 2003 (respectively):** Organized an eight day program of academic study and social events that provided an orientation to college for matriculating students from diverse domestic and international backgrounds. Responsibilities included selection of students, organizing an integrated curriculum with diverse faculty members, creating a curriculum for writing and collaborative projects, hiring and training student program assistants, and acting as Program Director on campus for the eight days of the program.

**Vermont Council on the Humanities, Scholar, 1991-1999:** Lectured and led multi cultural book discussions on themes such as: Autobiography, Folklore and Fairy Tales, Home, and Identity in schools, libraries and community centers around Vermont. Audiences included high school English classes, current educators, retired teachers, pregnant teens, and adult basic education students. Lectures included research on individual authors as well as literary periods and discussions incorporated hands-on workshops that included theatre, writing, and studio arts.

**State University of New York at Cortland, Lecturer in Writing, 1994-5.** Taught introductory and upper level writing classes that focused on critical thinking, voice, audience, and the writing process. Assignments included evaluation essays, synthesis essays, argumentative essays, personal narratives, and research papers.

**University of Michigan, Lecturer in Composition, 1987-90.** Taught Introductory Composition and upper level Argumentative Writing classes. Trained graduate students in the teaching of writing. Collaboratively initiated and produced a student literary magazine called *The Write Stuff*. Taught classes reserved for disadvantaged students and workshops on writing and human rights.

**University of Michigan, Creative Writing Instructor, 1986-87.** Taught creative writing workshops that explored poetry, fiction and drama, with an emphasis on fiction.

**University of Michigan, Teaching Assistant, The Modern Novel, 1985-86.** Graded papers, assisted class discussions, held office hours.

*Grants and Awards:*

**Sustainability and the Curriculum in Higher Education Faculty Development Grant,** a year-long project for twelve participating faculty across the disciplines, collaboratively organized by the Sustainability Integration Offices at Middlebury College and Furman University, 2009-2010.

**Mellon Inter-Institutional Faculty Development Grant on Social Justice in Higher Education,** in collaboration with Kathleen Skubikowski and Roman Graf, 2005-2006

**Vermont Arts Council Opportunity Grant for novel-in-progress,** 1997-98.

**Cowden Fellowship (first place in fiction contest for a novella),** University of Michigan, 1987.

**Summer Short Story Fellowship,** University of Michigan, 1986.

**Scholarship to Breadloaf Writers' Conference,** 1984.

**Mary Dunning Thwing Prize** (senior creative writing award), Middlebury College, 1984.

*Publications:*

**Scholarly/Academic:**

- Social Justice Education: *Inviting Faculty to Transform their Institutions*, Edited in collaboration with Kathleen Skubikowski and Roman Graf, forthcoming from Stylus Press, April, 2010.
- “Writing for Social Change: Building a Citizen-Scholar Discourse that Combines Narrative, Theory and Research.” Chapter in Social Justice Education. Stylus Press, April, 2010.
- “Storytelling and Contemplation in Higher Education.” *Exchange*, New England Faculty Development Consortium, Volume 21, Number 1, Fall, 2009.
- “Transformations of a Traditional Pre-Orientation Bridge Program: Middlebury College’s Project for Integrated Expression.” Summer Bridge Programs and Academic Achievement. Ed. Philip Bean. Haverford, PA: Haverford College, 2007.

**Works In Progress:**

Grandmother's Gold, a literary novel. Named a finalist in BkMk Press fiction contest (June, 2007). Is currently being revised.

## **JOHN (Jack) M. BYRNE**

173 Old Rt. 100, Moretown, VT 05660

tel: (802) 223-6470 h (802) 443-5043 w • email: [jmbyrne@middlebury.edu](mailto:jmbyrne@middlebury.edu)



Jack Byrne is currently the Director of the Sustainability Integration Office at Middlebury College in Vermont. He is the chair and a cofounder of the Foundation For Our Future and the Center for a Sustainable Future where he previously served as its Vice-President from 1997 to 2005. He has degrees in Biology and Environmental Law and serves on the boards of several not-for-profits. He also has many years of experience growing and managing non-profit organizations; designing and facilitating professional development

and scenario programs for government officials, corporate managers and executives, educators of all levels and training programs for laypeople on environmental and sustainability issues. He has a master's degree in environmental law and policy from Vermont Law School and a bachelor of science degree in biology from Kent State University.

As Vice President at the Foundation For Our Future, Jack managed Education for a Sustainable Future (1997-2003), an \$18 million national project to integrate technology into K-12 classroom teaching and learning using topics related to sustainable development. He also developed Shaping Our Future - a program that provides participants with long-term scenario planning and decisionmaking skills. Jack has a long-standing involvement in conservation, information technology, education, and sustainable development. From 1987 to 1997 he was Executive Director of the River Watch Network, an international non-profit which provides organizational and technical assistance to government agencies, citizen groups and educators to establish and operate citizen based watershed monitoring and protection programs. From 1982 to 1987 he was the Executive Director of the Vermont Association of Conservation Districts working with farmers, town officials, state agency staff and state and federal legislators to address resource conservation and agricultural issues in Vermont.

As a member of the IUCN Commission on Education and Communication (CEC) Jack worked with an international team to develop the World Conservation Learning Network - a network of teaching and training institutions that provide professional conservationists with knowledge and skills for environmental sustainability worldwide. Jack led the establishment of 120 citizen river watch groups in the US, central and eastern Europe, Mexico, and Canada. He also led the development of many online courses including an international course on how to establish environmental flow policies and programs for running waters for water managers and policy makers which he presented at the 2004 IUCN World Congress in Bangkok, Thailand in November, 2004. He is currently the Green Campuses Area Leader for the CEC.

Jack also serves on the Board of Advisors of the Association for the Advancement of Sustainability in Higher Education, the board of the Friends of the Mad River, and currently chairs the Foundation For Our Future. He is co-chairing Middlebury College's working group to develop strategies for achieving carbon neutrality by 2016 at the college. Jack has authored a number of books and articles on education for a sustainable future, scenario planning, distance learning and citizen watershed monitoring and protection.

# **BOWEN PATTERSON CLOSE**

101 N. College Way, Claremont, CA 91711 – (909) 607-1765  
bowen.close@pomona.edu - www.pomona.edu/sustainability

## **EDUCATION**

**University of Southern California**, Los Angeles, CA

Masters of Planning, School of Policy, Planning, and Development, May 2008, GPA 3.94

Graduate Certificate in Sustainability Cities, USC Center for Sustainable Cities, May 2008

**Pomona College**, Claremont, CA

Bachelors of Arts, Environmental Analysis – Policy, May 2006

*Cum Laude*, GPA 3.8, Distinction in Senior Exercise

**Lewis and Clark College**, Portland, OR

Visiting student, spring 2005, GPA 3.94

## **WORK EXPERIENCE**

**Pomona College, Claremont, CA July 2008-present**

*Assistant Director, Facilities and Campus Services – Director, Sustainability Integration Office*

Pomona College is a prestigious private liberal arts college with a student body of 1,500.

- Develop, coordinate, and direct campus-wide sustainability programs, projects, and policies, including comprehensive strategic planning, capital improvement projects, student programming, and facilities and operations (focus areas include: green building and landscaping, facilities and maintenance, transportation, dining, purchasing, curriculum development, awareness-building, media and public relations, and extra-curricular programs)
- Work with a variety of campus stakeholders, including students, faculty, staff, administration, and trustees

**Moore Iacofano Goltsman (MIG), Inc., Pasadena, CA June 2007-July 2008**

*Project Associate*

MIG is a private consulting firm specializing in urban planning and design, strategic planning, communications, and management.

- Produced written and graphic materials for meetings, events, and communications, including large-scale public workshops and outreach campaigns
- Wrote summaries and other analytical documents for strategic planning projects
- Produced to-scale graphic maps for land use and transportation projects
- Assisted with design of outreach activities, including surveys and public events
- Coordinated planning process and final deliverables for the City of Temecula Youth Master Plan

## **RECENT PRESENTATION EXPERIENCE**

**Greening of the Campus Conference**, November 2009 – “Small is Beautiful: The Joys and Challenges of Small-School Sustainability”

**UC, CSU, CCC Sustainability Conference**, June 2009 – “Beyond flyers and committee: Involving students in long-term sustainability planning.”

**Society of College and University Planners Pacific Regional Conference**, March 2009 – “Utilizing students to broaden sustainability planning beyond the ACUPCC”

**National Farm-to-Cafeteria Annual Conference**, March 2009 – “Building Relationships Through Gardens”

**Furman University Climate Action Planning Workshop**, January 2009 – Invited “expert participant” and workshop facilitator

**Association for the Advancement of Sustainability in Higher Education Annual Meeting**, November 2008  
– “A Case Study: Engaging Pomona College Students in an ACUPCC Climate Action Plan”

**American Planning Association Annual Conference**, April 2008 – Poster Session: “The Urban Planner’s Guide to the Food System”

#### **HONORS**

**Certificate of Merit for Outstanding Master’s Candidate (top 5% of MPI class)**, May 2008

**Semifinalist (one of ten), mtvU/GE Ecomagination Challenge in Campus Greening**, January 2007

#### **ACCREDITATIONS**

**LEED Accredited Professional**, May 2009

#### **RESEARCH INTERESTS**

Campus sustainability, food systems and agriculture, green building, land use policy

## Suzanne Savanick Hansen

Sustainability Manager  
Macalester College  
1600 Grand Ave  
St. Paul MN 55105  
(651) 696-6019  
shansen2@macalester.edu

### EDUCATION

---

University of Minnesota, Minneapolis, MN  
Doctor of Philosophy, April 2004  
*Program:* Conservation Biology  
*Preparing Future Faculty Program Certificate, 2001.*

School of the Environment, Duke University, Durham, NC  
Master of Environmental Management, December 1994  
*Concentration:* Resource Economics and Policy

Carleton College, Northfield, MN  
Bachelor of Arts, May 1989  
*Major:* Geology. *Concentration:* Natural History.

### PROFESSIONAL EXPERIENCE

---

Macalester College, St. Paul, MN  
*Sustainability Manager.* Developed a comprehensive sustainability plan for the college and currently overseeing plan implementation. Spokesperson on sustainability issues and regularly gives lectures on sustainability issues to outside organizations. Oversaw the development of a comprehensive greenhouse gas emissions inventory and climate action activities. Teaches or co-teaches classes for the environmental studies department, 2008-present.

Science Education Resource Center, Carleton College, MN  
*Educational Fellow.* Developed the Campus-Based Learning and Service-Learning website curricula modules. Editing the Assessing Student Learning and Visualization Cutting Edge workshop websites. Organized a joint Carleton and St. Olaf College faculty development seminar on sustainability, 2005-2007.

University of Minnesota, Minneapolis, MN  
*Sustainable Campus Initiative Committee Coordinator.* Coordinated the Sarita wetland restoration on the St. Paul Campus and developed an environmental assessment of the Twin Cities campus. Recruited faculty and students for campus environmental research and activities, wrote grants, oversaw budget, and advised students, 2000-2003.

Office of Environmental Assistance, State of Minnesota, St. Paul, MN  
*Green Building Co-coordinator.* Co-coordinated the establishment of the green building team and organized a Greening the Campus workshop for higher education. 1998-2000.

### TEACHING EXPERIENCE

---

Macalester College, St. Paul, MN  
*Sustainability Manager,* Taught or co-taught campus sustainability research-based environmental studies senior seminar classes. The 2008 class calculated the college's greenhouse gas emissions inventory and the 2009 class developed recommendations for the college's climate action plan. 2008-2009



Carleton College, Northfield, MN.

*Visiting Assistant Professor*, Taught conservation biology and two junior colloquium courses for the environmental and technology studies program. Developed a field-based case study using the Cowling Arboretum and developed campus sustainability curricula. 2006-2007.

*Pre-Doctoral Fellow*, Taught an environmental studies colloquium on campus sustainability. Students researched aspects of the campus as a research project. Part of a Preparing Future Faculty mentorship with Dr. Mary Savina. Spring 2001.

University of Pittsburgh, Governor's School for International Studies, Pittsburgh, PA

*Global Environment and Resources Instructor*, Taught gifted and talented high school students as part of a summer program on international studies. Summer, 2000

Normandale Community College, Bloomington, MN

*Minnesota's Natural History Instructor*, Taught fall and spring field biology courses for 50 students. 1999-2000.

University of Minnesota, Minneapolis, MN.

*Sustainability Science Instructor*, Co-developed and taught an interdisciplinary course for natural resources students. Spring 2001.

*Religion and Environment Course Committee*. Co-developed graduate discussion class for conservation biology students. Fall 2001.

*Field Ecology Teaching Assistant*, Assisted teaching and organized field trips at the Itasca Field Station. Summer 1999.

## **PUBLICATIONS**

---

Savanick, Suzanne, Larry Baker and Jim Perry, 2007, "*Case Study for Evaluating Campus Sustainability: Nitrogen Balance for the University of Minnesota*", *Urban Ecosystems*, v. 10, n. 2, p. 119-137.

Savanick, Suzanne and Jim Perry, 2006, "*Using the Campus Nitrogen Budget to Teach about the Nitrogen Cycle*" *Journal of Geoscience Education*. v. 54, n. 3, p. 312-319.

Savanick, Suzanne and Jim Perry, 2003, "*Urban Ecology and the University Campus*" in Koester, Robert (ed.), *Connecting to Place: Greening of the Campus 5 Conference Proceedings*, Ball State, Indiana, Sept 2003.

Savanick, Suzanne and Jim Perry, 2001, "*University of Minnesota Sustainable Campus Initiative*" in Koester, Robert (ed.), *Moving to the Mainstream: Greening of the Campus 4 Conference Proceedings Vol. IV*, Ball State, Indiana, 20-22, Sept 2001.

Wells, Chris, Suzanne Savanick, and Christie Manning, 2009, "Using a Class to Conduct a Carbon Inventory" *International Journal of Sustainability in Higher Education*, v 10, n 3, pp. 228-238

Brijdeep S. Bhasin, Thorunn Bjarnadottir, Varsha N. Das, Maia M. Dock, Emily E. Pullins, Jon R. Rosales, Suzanne Savanick, David M. Stricherz, Lark A. Weller, B.S., 2003, "*Passport to Earth Summit 2002: A Case Study in Exploring Sustainable Development at the University of Minnesota*", *International Journal for Sustainability in Higher Education*, v. 4, n. 3, p. 239-249.

## **COMMUNITY SERVICE**

---

*Board Member*, Forum of Women in the Environmental Field, 1999-2009;

*Citizen's Advisory Committee*, Dakota County Farmland and Natural Areas Program, 2003-2004.