

Holly R. Vande Wall
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Department of Philosophy
Boston College
21 Campanella Way, 360Q
Chestnut Hill, MA 02467

AREAS OF SPECIALIZATION

History and Philosophy of Science, Environmental Ethics

AREAS OF COMPETENCE

Science and Religion, Science and Technology Policy, Bioethics

EMPLOYMENT

Adjunct Professor, Department of Philosophy, **Boston College** (2008-Present)

EDUCATION

University of Notre Dame, Notre Dame, IN

Ph.D., History and Philosophy of Science; expected May 2009

Dissertation Title: *Interdisciplinary Expertise and Public Policy: A Case Study of the Clean Water Act*

Directors: Vaughn McKim and Chris Hamlin

Pacific School of Religion, part of the Graduate Theological Union, Berkeley, CA

M.A., Ethics; May 2002

Thesis: "Rethinking the Ethics of University Genetics Research"

Director: Michael Mendiola

Program Associate for Communications, Center for Theology and the Natural Sciences

September 2000 - 2002

Boston University, Boston, MA

M.A., Science Journalism, December 1999

Macalester College,

B.A., *cum laude*, Chemistry and Religious Studies, May 1997

Honors Project "Lost in Translation: an analysis of how science research is transformed by the media"

Director: A. Truman Schwartz

SELECT PUBLICATIONS

"Why Water is Not H₂O: and other critiques of essentialism from the philosophy of chemistry", for *Philosophy of Science Proceedings*, December 2007, Volume 74, Issue 5, Page 906–919

Review of Regan and Worthing *Interdisciplinary Perspective on Cosmology and Biological Evolution* for *CTNS Bulletin* (Fall 2001).

Review of Conway, Ruth *Choices at the Heart of Technology* for *CTNS Bulletin* (Summer 2000).

PRESENTATIONS

Presentation of "Environmental Quality and the Quality of Policy Advice: Interdisciplinary Expertise and the Clean Water Act" at the History of Science Policy Advice workshop of the Center for Interdisciplinary Research (ZiF), Bielefeld Germany May, 2007

Presentation of “*Interdisciplinary Expertise and Public Policy: A Case Study of the Clean Water Act*” to the International Society for Policy and Social Studies of Science and Technology April, 2007

Presentation of “The Understudied Science: challenging the neglect of chemistry by philosophers of science” to the American Chemical Society March, 2007

Presentation of “Why Water is Not H₂O: and other critiques of essentialism from the philosophy of chemistry” to the Philosophy of Science Association November, 2006

Presentation of “To the Victor Go the Stories: Perspectives of the Allison Commission” to the International Society for Policy and Social Studies of Science and Technology April, 2006

Participant in the Erasmus Institute Graduate Seminar, “The Cultural Context of Environmental Issues: Past, Present, Future” June 5-23 2004

TEACHING EXPERIENCE

Recipient of the **Outstanding Graduate Student Teacher Award**, University of Notre Dame, April 2006

University of Notre Dame, *Science, Technology and Values Program*, Notre Dame, IN
Instructor

Science and Environmental Policy in the United States Fall 2006 & 2007

University of Notre Dame, *Research Experience for Undergraduates Program*, Notre Dame, IN
Instructor

Research Ethics, June 2006, June 2007

University of Notre Dame, *Department of Philosophy*, Notre Dame, IN
Teaching Assistant

Ancient Wisdom, Modern Love, (David O’Connor), Spring 2004

Medical Ethics (David Solomon), Fall 2004

Philosophy 101 (William Ramsey), Spring 2005

Science, Technology, Values (Vaughn McKim), Fall 2005

Philosophy 101 (Marion David), Spring 2006

TEACHER DEVELOPMENT

Seminars sponsored by The Kaneb Center for Teacher Development, University of Notre Dame:

“Teaching Seminar for Graduate Students,”

“Multiculturalism in the Classroom”

“Leading Effective Discussions”

“Dealing with Gender Issues in Teaching”

PROFESSIONAL MEMBERSHIPS

American Chemical Society, Member 2007 - Present

American Philosophical Association, Member: 2002 – Present.

Philosophy of Science Association, Member: 2004- Present

LANGUAGES

Reading proficiency in French and German

REFERENCES

Vaughn McKim

University of Notre Dame

mckim@nd.edu

Chris Hamlin
University of Notre Dame
Department of History
chamlin@nd.edu

GRADUATE COURSES

Moral and Historical Philosophy

Plato	(Sayre – Notre Dame)
Medieval Philosophy	(Dumont – Notre Dame)
Introduction to Christian Ethics	(Mendiola – Graduate Theological Union)
20th Century Ethical Theory	(Solomon – Notre Dame)
Virtue and Practical Reasoning	(Solomon – Notre Dame)
Values in Science	(Kourany – Notre Dame)
Medical Ethics	(Grodin – Boston University)
Methods in Ethics	(Mendiola/Robb – GTU)
Christian Social Ethics	(O'Neill - GTU)
Ethics and Science	(Shrader-Frechette – Notre Dame)
Justice Seminar	(Wolterstorff – Notre Dame)

20th Century Analytic Philosophy

Logic	(Blanchette – Notre Dame)
Metaphysics	(Rea – Notre Dame)
Philosophy of Science 1750-1900	(Howard/Jaurnig – Notre Dame)
Philosophy of Science 1900-present	(Howard – Notre Dame)
Philosophy of Religion	(Quinn – Notre Dame)

Religion and Science

Ecofeminist Theology	(Radford-Ruether – GTU)
Christian Theology and Science	(Russell – GTU)
Theology After Darwin	(Ashley – Notre Dame)

History of Science

History of Science to 1750	(Goulding – Notre Dame)
History of Science 1750-present	(Stapleford/Hamlin – Notre Dame)
Economics of Science	(Mirowski – Notre Dame)
Science & Democracy in the 20 th Century	(Stapleford – Notre Dame)
Social Uses of Science	(Hamlin – Notre Dame)
Environmental History, Policy and Ethics	(Merchant – U. of California, Berkeley)