

**Holly R. Vande Wall**  
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Department of Philosophy  
Boston College  
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**ACADEMIC EMPLOYMENT**

Boston College Assistant Professor of the Practice Fall 2008-Present (full-time, non-tenure-track)  
Courses taught: Perspectives in Western Culture I & II; New Scientific Visions I & II; Environmental Ethics, Inquiring about Humans and Nature (Core Pilot Enduring Questions Course)

**AREA OF SPECIALIZATION**

Environmental Ethics, History and Philosophy of Science

**AREAS OF COMPETENCE**

History of Ethics, Religion and Science, Bioethics

**EDUCATION**

**University of Notre Dame**, Notre Dame, IN

Ph.D., History and Philosophy of Science, January 2010

Dissertation Title: *Expertise and the Disunity of Science: A Case Study of the Difficulties of Providing Expert Advice for Policy*

Director: Vaughn McKim

**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**

*History and Philosophy of Science: A Reader* A collection of primary source readings from antiquity to the 19<sup>th</sup> century. Under contract with Bloomsbury Press, for publication in 2016.

"Why Water is Not H<sub>2</sub>O: and other critiques of essentialism from the philosophy of chemistry", *Philosophy of Science*, December 2007

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 “Knowledge Creation in the Congressional Research Service” at the Society for the Philosophy of Science in Practice Conference, Aarhus University, Denmark June 2015
- Presentation of “The Epistemic and Pedagogical Value of Overturned Theories in Science” at the International Society for the History of Philosophy of Science Conference, University of Ghent, BE June 2014
- Invited Talk: “Teaching Francis Bacon to Undergraduates” Presented to Boston College Faculty at the Annual Perspectives Workshop May 2014
- Presentation of “In Praise of Erroneous Models” at the Society for the Philosophy of Science in Practice Conference, University of Toronto, CA June 2013
- Presentation of “Expertise and the Disunity of Science” at the Society for the Philosophy of Science in Practice Conference, University of Exeter, UK June 2011.
- Presentation of “Is Francis Bacon Trying to Put Liberal Arts Educators Out of Business?” at the Association for Core Texts and Courses Conference, Yale University, April 2011.
- 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 H<sub>2</sub>O: 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

### **Boston College, Department of Philosophy, Boston, MA**

Professor

Perspectives on Western Culture 2008-present

New Scientific Visions 2008-present

Environmental Ethics spring 2012

Enduring Questions Pilot Course “Inquiring about Humans and Nature” Fall 2015

Advisor of six Senior Honors Theses to date

### **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

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

*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 and UNIVERSITY SERVICE**

Participant in the “Common Room” retreat for Boston College faculty and biannual Civitas faculty luncheons 2012-present

Facilitator at “Halftime” and “48 Hours” retreats for Boston College students August 2014, November 2014, August 2015

“Above the Fold” Mission and Ministry Lunch, Faculty Advisor March-April 2015

Participant Boston College Core Pilot Workshop January 2015-May 2015

Participant in the Jesuit Essentials Interdisciplinary Faculty Workshop September 2015-Present

#### **PROFESSIONAL MEMBERSHIPS**

H3 Biomedicine Animal Care and Use Committee, Community Representative 2012-Present

Boston College Environmental Studies Major development and planning committee 2013-Present

Boston College Sustainability Council, Member 2009 – Present

Boston College Dean’s “Urbanism Seminar” Member 2011-2012

Philosophy of Science Association, Member: 2004- Present

#### **LANGUAGES**

Reading proficiency in French and German

#### **REFERENCES**

Patrick Byrne

Boston College

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Vaughn McKim

University of Notre Dame

Department of Philosophy

Phone: 574-272-7741

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Christopher Hamlin

University of Notre Dame

Department of History

Phone: 574-631-5092

Email: [chamlin@nd.edu](mailto:chamlin@nd.edu)