

Edward T. Richards, Jr.

4515 Appleby Lane • Knoxville, TN 37920 • (865) 577-2182

Department of Philosophy • University of Tennessee • Knoxville, TN 37996-0480 • (865) 974-3255
tedr@utk.edu

— Education —

BOSTON UNIVERSITY

Doctor of Philosophy, Philosophy (2006)

Dissertation: “A Philosophical Analysis of Newton’s Arguments Against Cartesianism as Found in *De Gravitatione*”

Committee: Judd Webb (director), Jaakko Hintikka, Klaus Brinkmann, Alisa Bokulich

UNIVERSITY OF PITTSBURGH

Master of Arts, History and Philosophy of Science

BOSTON UNIVERSITY

Master of Arts, Philosophy

SOUTHERN METHODIST UNIVERSITY

Bachelor of Arts, Philosophy with Honors and Departmental Distinction

Bachelor of Science, Physics with Honors

Junior year spent at the University of Leeds, England

— Areas of Specialization —

Early Modern Philosophy, History and Philosophy of Science, Axiology

— Areas of Competence —

History of Philosophy, Logic, Philosophy of Physics, Classical & Modern Physics

— Conference Presentations and Invited Talks —

“A conceptual reconstruction of Hartman’s Formal Axiology.”

Robert S. Hartman Annual Conference, Knoxville, TN, October 2007.

“Newton, Clarke, and conceptual arguments against Cartesian Ontology”

Newton and/as Philosophy Leiden, Netherlands, June 2007

“Securing the conceptual foundations of Newton’s mechanics: the case for a post-*Principia De Gravitatione*”

History of Science Society Annual Meeting Vancouver, Canada, November 2006.

“(Re-)Dating *De Gravitatione*: Five Reasons for a Post-*Principia* Composition”

International Congress for the History of the Philosophy of Science Society, Paris, France, May 2006.

“(re-)Dating *De Gravitatione*”

History of Philosophy of Science and Technology Colloquy, University of Tennessee, March 2006.

“Newton as Philosopher: *De Gravitatione*’s eleven conceptual arguments against Cartesian motion”

Southeastern Seminar in Early Modern Philosophy, University of Virginia, October 2005.

“‘I shall venture to destroy his figments’: The large-scale structure of Newton’s *De Gravitatione* argument against Descartes”

History of Philosophy of Science and Technology Colloquy, University of Tennessee, October 2005.

“Diving into *De Gravitatione*: Newton as a Philosopher”

Department of Philosophy Klatsch, University of Tennessee, March 2005.

“Newton, God, Space, and Time”

Department of Philosophy Colloquium, California University of Pennsylvania, March 1998.

“Local and Global Inertia: Mach and Einstein”

Mach’s Principle: from Newton’s Bucket to Quantum Gravity, University of Tübingen, Germany, July 1993.

— Publications —

“‘I shall venture to dispose of his fictions’: The large-scale structure of Newton’s *De Gravitatione* argument against Descartes”
(under review).

“The Origins of Mass Warfare: A System Dynamics Approach”

— College Teaching Experience —

UNIVERSITY OF TENNESSEE, DEPARTMENT OF PHILOSOPHY

Lecturer

- PHIL 324: 17th and 18th Century Philosophy (Spring 2007)
- PHIL 135: Introduction to Formal Logic (Spring 2005, Fall 2005, Spring 2006, Spring 2007, Spring 2008)
- PHIL 111: The Human Condition: Knowledge and Reality (Fall 2007: large lecture, Spring 2008: large lecture)
- PHIL 110: The Human Condition: Value and Reality (Spring 2005, Fall 2005: 2 sections, Spring 2006: 2 sections, Fall 2006: large lecture, Spring 2007: large lecture, Fall 2007: large lecture, Spring 2008: large lecture)

PACIFIC LUTHERAN UNIVERSITY, DEPARTMENT OF PHILOSOPHY

Lecturer

- PHIL 340: Philosophy of Science (Fall 1999)
- PHIL 101: Philosophical Issues (Fall 1998, Summer 1999, Fall 1999: 2 sections, J-Term 2000, Spring 2000, J-Term 2001)

UNIVERSITY OF PUGET SOUND, DEPARTMENT OF PHILOSOPHY

Lecturer

- PHIL 106: Introduction to Philosophy (Spring 2000)

CALIFORNIA UNIVERSITY OF PENNSYLVANIA, DEPARTMENT OF CHEMISTRY AND PHYSICS

Faculty Instructor

- PHY 495: Spacetime Physics (Spring 1998)
- PHY 122: General Physics II (Spring 1998)
General Physics Lab II (Spring 1998)
- PHY 121: General Physics I (Fall 1997, Spring 1998)
General Physics Lab I (Fall 1997: 2 sections)

UNIVERSITY OF PITTSBURGH, DEPARTMENT OF HISTORY AND PHILOSOPHY OF SCIENCE

Instructor

- HPS 0621: Problem Solving: How Science Works (Spring 1997)
- HPS 0515/HIST 0089: Magic, Medicine, and Science (Summer 1996)

Teaching Assistant

- HPS 1653/PHIL 1610: Introduction to Philosophy of Science (Fall 1996) with Wesley Salmon
- HPS 0515/HIST 0089: Magic, Medicine, and Science (Spring 1995, Fall 1995, Spring 1996) with J. E. McGuire
- HPS 0612: Mind and Medicine (Fall 1994) with Brad Wilson

UNIVERSITY OF PITTSBURGH, DEPARTMENT OF PHYSICS

Teaching Assistant

- PHYS 0212: Introduction to Laboratory Physics (Spring 1995)

BOSTON UNIVERSITY, DEPARTMENT OF PHILOSOPHY

Instructor

- CAS PH 107: Logic and Reasoning (Spring 1994, Summer 1993)

Teaching Assistant

- CAS PH 310: History of Modern Philosophy (Spring 1992) with Klaus Brinkmann
- CAS PH 270: Philosophy of Science (Fall 1992) with Abner Shimony
- CAS PH 107: Logic and Reasoning (Fall 1991, Fall 1993, Spring 1993) with Jaakko Hintikka

BOSTON UNIVERSITY, DEPARTMENT OF PHYSICAL EDUCATION, RECREATION, AND DANCE

Instructor

- PDP GS 132: Fundamentals of Soccer (Summer 1994)
- PDP AQ 201: Intermediate Swimming (Spring 1994)

— Other Teaching Experience —

PACIFIC LUTHERAN UNIVERSITY, SUMMER SCHOLARS

Instructor

- How Common is Extra-Terrestrial Life? (Summer 2003)

Philosophy and the Environment (Summer 2003)
Introduction to Philosophy, Level 1 (Summer 2002)
Introduction to Philosophy, Level 2 (Summer 2002)

THE ANNIE WRIGHT SCHOOL, UPPER SCHOOL

Mathematics Teacher, 1998-1999, Calculus BC, Calculus AB, Advanced Math, Algebra II

— Other University Employment —

PACIFIC LUTHERAN UNIVERSITY, DEPARTMENT OF ATHLETICS

Assistant Coach, Men's Soccer (2000-2002)

— Honors, Fellowships, and Awards —

Robert S. Hartman Summer Research Fellowship (2007)
SARIF Travel Award, University of Tennessee, *Newton and/as Philosophy* (2007)
NSF Travel Grant, *History of Science Society Annual Meeting* (2006)
SARIF Travel Award, University of Tennessee, *International Congress, Society of the History of Philosophy of Science* (2006)
Borden Parker Browne Scholarship, Boston University (2005-2006)
Teaching Fellowship, Department of History and Philosophy of Science, University of Pittsburgh (1994-1997)
Graduate Fellowship, Department of Physical Education, Recreation, and Dance, Boston University (1994)
Teaching Fellowship, Department of Philosophy, Boston University (1991-1993)
President's Scholar, Southern Methodist University (1987-1991)
Honors List, University of Leeds (1990)
Member Honors Program, Southern Methodist University (1987-1991)
Dean's List, Southern Methodist University (1987-1991)
Member Alpha Lambda Delta
Member Phi Eta Sigma

— Professional Service —

DISCIPLINARY SERVICE

Review Work

Paper Referee, *Philosophy of Science* (2002)
Paper Referee, *Synthese* (1992)

Editorial Experience

Editorial Board, *Journal of Formal Axiology* (2007-present)
Editorial Assistant, *Synthese* (1993)

Professional Affiliations

American Philosophical Association
History of Science Society
International Society for the History of Philosophy of Science
Philosophy of Science Association

UNIVERSITY SERVICE

University of Tennessee

Course Leader for PHIL 111 Human Condition: Knowledge and Reality (2006-present)
Course Leader for PHIL 130 Critical Thinking (2006-present)
Course Leader for PHIL 135 Formal Logic (2006-present)
Faculty Graduate Assistant Supervisor: PHIL 110 (Fall 2006: 3 GAs, Spring 2007: 4 GAs, Spring 2008: 3 GAs),
PHIL 111 (Fall 2007: 1 GA, Spring 2008: 3 GAs)
History and Philosophy of Science and Technology Research Group
Organizing Member (2004-present)
Webmaster (2007-present)
Speaker Committee for Peter Dear (2007-2008)
Organizing Committee Member for the Phi Beta Kappa Visiting Scholar, Steven Shapin, Harvard University (2005-2006)
Faculty Advisor, Men's Soccer Club (2008-present)

California University of Pennsylvania

Science Olympiad Event Supervisor: *Physics Lab* and *Physical Science Lab* (1998)
Undergraduate Academic Advisor (1998)