

CHARLES H. PENCE

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Program in History and Philosophy of Science
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EDUCATION

- **Notre Dame University** 2007–
Ph.D. in History and Philosophy of Science
M.A. in Philosophy
 - Dissertation Area: Chance and Evolutionary Theory
 - Advisor: Grant Ramsey
- **Princeton University** 2004–2007
A.B. in Philosophy, cum laude
 - Senior Thesis: *Spacetime and Natural Law*
 - Advisor: Adam Elga

RESEARCH AND TEACHING INTERESTS

- **Areas of Specialization**
 - Philosophy of biology
 - History of biology
 - General philosophy of science
- **Areas of Competence**
 - Philosophy of physics
 - Metaphysics
- **Areas of Special Teaching Interest**
 - Medical / Bio-Ethics
 - Logic / Philosophy of Mathematics

AWARDS AND HONORS

- J. Walker Tomb Senior Thesis Prize 2007

BOOK REVIEWS

- Ramsey, G., Fuentes, A., Hollocher, H., Pence, C.H. and Siu, E. “Review of Peter Godfrey-Smith, *Darwinian Populations and Natural Selection*.” Forthcoming in *The Quarterly Review of Biology*.

UNDER REVIEW AND IN PREPARATION

- Pence, C.H. and Ramsey, G. “A Multigenerational Model of Fitness.” Under review.
- Pence, C.H. and Ramsey, G. “On the Fitness of a Trait.” Under review.

- Pence, C.H. “Nietzsche’s Aesthetic Critique of Darwin.” Under review.
- Pence, C.H. “‘Describing our Whole Experience’: Ernst Mach, Karl Pearson, and the Statistical Philosophy of W.F.R. Weldon.” Under review.

FELLOWSHIPS AND GRANTS

- Lilly Presidential Graduate Fellowship 2007–
- Notre Dame Conference Presentation Grant (ISHPSSB Conference) 2009
- Int’l Society for the History, Philosophy, and Social Studies of Biology Student Travel Support 2009
- Notre Dame Downes Travel Grant (MBL-ASU Seminar) 2009
- Notre Dame Conference Presentation Grant (UWO Conference) 2008

CONFERENCE PRESENTATIONS

- **Biometry and Mendelism: A Philosophical Controversy** July 12–16, 2009
Int’l Society for the History, Philosophy, and Social Studies of Biology Meeting
- **W.F.R. Weldon, Karl Pearson, and Causation** May 20–27, 2009
MBL-ASU History of Biology Summer Seminar
- **Toward a New Picture of Logical Reduction** April 30–May 1, 2008
University of Western Ontario Logic, Mathematics and Physics Graduate Philosophy Conference

WORKSHOPS AND SEMINARS

- MBL-ASU History of Biology Summer Seminar: Theory in the Life Sciences 2009
- Carnegie Mellon Summer School in Logic and Formal Epistemology 2006
- Univ. of Texas M.D. Anderson Cancer Center Science Park Summer Research Program 2003

TEACHING EXPERIENCE

- **Notre Dame Summer School Program for Secondary Teachers** 2009
Lecturer
 - Program offers masters-credit courses in HPS to secondary science and mathematics teachers
 - Evolution, Heredity, and the History of Biology (2009): Developed course (syllabus, readings, etc.), delivered lectures, and graded student work
- **University of Notre Dame** 2008–
Teaching Assistant
 - Fundamental Concepts of Natural Science (in the Program of Liberal Studies, S/10, Robert Goulding, professor): Ran geometry tutorials, review session, grading
 - Medical Ethics, (F/09, David Solomon, professor): Led discussion sections, grading
 - Fundamental Concepts of Natural Science (in the Program of Liberal Studies, S/09, Robert Goulding, professor): Ran geometry tutorials, review session, grading
 - Introduction to Philosophy (F/08, Jeff Speaks, professor): Led discussion sections, grading
 - Guest lecturer: Scientific Images of Humanity (F/08), Fundamental Concepts of Natural Science (S/09 and S/10)

UNIVERSITY AND DEPARTMENTAL SERVICE

- **University of Notre Dame**
 - Graduate Student Union Council Representative, Philosophy Department 2009–2010
- **Princeton University**
 - Philosophy Dept. Curriculum Committee Member 2006
 - Web Designer/Programmer, Logic Instruction Website 2005–2007

PROFESSIONAL ASSOCIATIONS

- American Philosophical Association
- Philosophy of Science Association
- International Society for the History, Philosophy, and Social Studies of Biology

LANGUAGES

- Spanish (speaking and reading), German (basic reading)

Last revised: June 7, 2010