

John L. Taylor

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Current Position

M.S. Student in Logic and Computation/ Teaching Assistant, Carnegie Mellon University

Education

Carnegie Mellon University, Pittsburgh, PA, (Present)
M.S. Logic and Computation

Humboldt State University, Arcata California (1999- 2003)
Degrees: B.A. Psychology; B.A. Philosophy; Computer Information Systems Minor

Research Interests

Philosophy of Science (model selection, complex systems, emergence, reduction)
Epistemology (underdetermination, problem of induction, logical reliability)
Metaphysics (determinism, chaos, causation, computation and mechanism)
Philosophy of Mind and Cognitive Science (frame problem, pattern recognition, category formation)
Ethics and Political Philosophy (self-modification, bioethics, liberalism)
Computer Science (philosophical implications, simulation, machine learning)

Publications

Taylor, J.L. and Burgess, S.A. (2004). [Steve Austin Versus the Symbol Grounding Problem](#). In Proc. [Selected Papers from the Computers and Philosophy Conference \(CAP2003\)](#), Canberra, Australia. *Conferences in Research and Practice in Information Technology*, 37. Weckert, J. and Al-Saggaf, Y., Eds., ACS. 21-25.

Conference Papers

Taylor, J. L. "The Computational Stance" at [CAP North America 2004](#), Pittsburgh, PA

Taylor, J. L. "Experimentally Informed Tutoring" in a session on Defining Tutor Pedagogy; [2004 NCWCA Conference](#), Stanford CA

Taylor, J. L. & Scott Burgess "[Steve Austin Versus the Symbol Grounding Problem](#)" at [CAP Australia 2003 Conference](#), Canberra, AU

Teaching & Assisting

Teaching Assistant, Phil 80160 *Introduction to Ethics* (Spring 2005)

Teaching Assistant/ Section Leader, Phil 80100 *What Philosophy Is* (Fall 2004)

Teaching Assistant, Psych 321 *Biological Basis of Behavior* (Fall 2003)

Co-led *How the Mind Works* reading group with Dr. John Powell (Fall 2001)

Research & Development

Development of course web page, notes and glossary for Psych 325 *Biopsychology* for Dr. Senqi Hu (Fall 2003)

Modeling Unsupervised Category Learning with Bayesian Methods with Dr. John Clapper (Spring 2002)

University/Professional Service

Referee, *Journal of Philosophical Logic* (Spring 2005)

Student Representative, Philosophy Department, Humboldt State University (Fall 2002-Spring 2003; Fall 1999- Spring 2000)

Professional Associations, Awards & Honors

Fellowship, CMU Philosophy Department, Logic and Computation

Student Member of American Philosophical Association

Travel Award, Humboldt State University Philosophy Department

Member of Sigma Xi: The Scientific Research Society

Student Member of Psi Chi: National Honor Society in Psychology

Employment

Webdesign, Institutional Transformation Consultancy (Summer 2004)

Surveyor, San Joaquin Valley Height Modernization Survey, Condor Earth Technologies (Summer 2004)

Webdesign, KleenSlate Concepts (Spring 2004)

Tutor, Academic Achievement Center, Columbia Community College (Spring 2004)

Logic Grader, Humboldt State University (Spring 2003, Fall 2002, Spring 2001)

Skills

Programming Languages: Basic, C++, StarLogo

Mark-up Languages: HTML

Other Activities

Founding President, HSU Philosophy Club (Fall 2001- Spring 2002)

Member, HSU Philosophy Club (Fall 2002- Fall 2003)

[Computational Philosophy Bibliography:](http://www.crumpled.com/cp/personal/cpbibliography.html)

<http://www.crumpled.com/cp/personal/cpbibliography.html>

[Computation and Information in Physical Systems:](http://www.crumpled.com/cp/personal/classes/cips.html)

<http://www.crumpled.com/cp/personal/classes/cips.html>

Webmaster: <http://www.crumpled.com/cp/>

References Available Upon Request