

Curriculum Vitae

Cameron Joseph Buckner

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Personal Information

Work Address: 1033 E. Third St.
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Date of Birth: 06/06/1981
Place of Birth: Amarillo, TX

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Education

Fall 2004-Present

Indiana University Bloomington, IN, USA

Graduate student pursuing DPhil in Philosophy with minor in cognitive science.

Research area:

Area of specialization: Philosophy of mind, philosophy of psychology, and philosophy of cognitive science. Currently dissertating on the relationship between intentional (belief-desire), neuroscientific, and behaviorist explanations of behavior, with an emphasis on learning and its relationship with the benefits and dangers of intuitive judgment (heuristics and biases).

Areas of Competence: Cognitive science of learning, artificial intelligence, animal cognition, the connectionism/classicism debate, knowledge modeling and logic programming, the psychological origins and epistemic status of intuitions, and experimental philosophy.

Oral Qualifying Exam passed with permission to immediately submit prospectus to Graduate School on 1/23/2008; Qualifying paper title: "Rationality and Reason-Based Explanation: Towards a Theory of Heuristic Rationality."

Dissertation Committee: Professor Colin Allen (Chair), Professor Jonathan Weinberg, Professor Mark Kaplan, Professor Peter Todd (Psychology)

Fall 1999-Spring 2004

Texas Tech University, Lubbock, TX, USA

BS in Computer Science with Highest Honors, May 2004

BA in Philosophy with Highest Honors, May 2004

Thesis: "Answer Sets as Possible Worlds: An Analysis of P-Log"

Spring 2001

Universidad Pablo de Olavide, Sevilla, Spain

Exchange program through Texas Tech University; attended courses in Spanish language, history, and culture.

Awards and Scholarships

- IUB College of Arts and Sciences Dissertation Year Fellowship, Fall 2009-Spring 2010
- Nelson Dissertation Fellowship, IUB Department of Philosophy, Fall 2008-Spring 2009
- Travel grant from DAAD to attend ICCL 2008 Summer School on Computational Logic and Cognitive Science, Dresden, Germany August 23-September 6
- IUB Philosophy Department Oscar R. Ewing Memorial Essay Award for “Inherence, Paronymy, Transitivity: Mountains and Molehills in the *Categories*”, 2005-2006
- IUB Philosophy Department Reward for Graduate Academic Excellence, 2005-2006
- Amarillo Rotary Club Travel Grant, Summer 2005 – For Fijian projects 2005
- TTU Philosophy Department Jerry V. Fox Memorial Scholarship, 2003-2004
- TTU Honors College Presidential Scholar, 1999-2004
- TTU Computer Science Departmental Scholarship, 1999-2004
- Study Abroad Award from TTU President’s Office, Spring 2001

InPhO Project Grants

- NEH Digital Humanities Grant for 2009-2011 with Colin Allen (PI) and Mathias Niepert (co-authored awarded proposal) \$400,000
- NEH Digital Humanities Initiative Startup Grant for 2007-2008 with Colin Allen (PI) and Mathias Niepert (co-authored awarded proposal) \$29,800
- IUB New Horizons Grant for 2006-2007 with Colin Allen (PI) and Mathias Niepert (co-authored awarded proposal) \$43,000

Scholarly Publications and Presentations

Presentations

- “How I Learned to Stop Worrying about Mental Causation and Love the Hippocampus” – Paper accepted (peer reviewed) to the 2009 meeting of the North American Association for Computing and Philosophy, to be delivered June 16, 2009, Bloomington, IN
- “Heuristics Are a Natural Kind” – Paper accepted (peer reviewed) to the 2009 meeting of the Society for Philosophy and Psychology (SPP), to be delivered on June 13, 2009, Bloomington, IN
- “Learning from Mistakes: A Neo-Dretskean Theory of Content” – Annual Nelson Lecture, presentation delivered to the IUB Department of Philosophy, Bloomington, IN, April 24, 2009.
- “Identifying Psychology’s Kinds: A Case Study in Why Neural Mechanisms Matter” – Paper presented (peer reviewed) to the Midsouth Philosophy Conference, Memphis, TN, April 17, 2009.

- “How I Learned to Stop Worrying about Mental Causation and Love the Hippocampus” – Presentation delivered to the Indiana University Coglunch lecture series, Bloomington, IN, March 25, 2009.
- Commentary on Marcello Guarini’s presentation “Fodor’s Analysis of Neural Network Behavior” at NA-CAP (North American Conference on Computers and Philosophy) Bloomington, IN, June, 2008.
- ”Intentional Explanation and the Sciences of Animal Behavior” – Presentation delivered at meeting of the IUB Center for the Integrative Study of Animal Behavior (CISAB), Bloomington, IN, April 2008,.
- ”An Introduction to the Indiana Philosophy Ontology Project” – Invited presentation at the 2007 Meeting of the North American Association for Computers and Philosophy, Chicago, July 28, 2007.
- ”A Dynamic Ontology for a Dynamic Reference Work” – With Mathias Niepert, presentation at Joint Conference on Digital Libraries 2007 in Vancouver, June 20, 2007.
- ”The Role of Rationality in Cognitive Science” – Poster at the 2007 meeting of the IUB Center for the Integrative Study of Animal Behavior (CISAB) April 2007
- ”Concerning a Point of View on Heuristics” – With Leah Savion, Presentation to the Experimental Epistemology Laboratory, Indiana University, November, 2005.
- ”Inferential Heuristics: Modeling the Mind’s Good, Bad, and Ugly” – With Leah Savion, University of Cincinnati Department of Philosophy Main Colloquia Series, February 2005.
- ”The Motley Crew of Inferential Heuristics” – With Leah Savion, Presentation to the Indiana University Logic Group, December, 2004.

Publications

- Buckner, C., Shriver, A., Crowley, S. & Allen, C. (Forthcoming). How ‘Weak’ Mindreaders Inherited the Earth. Commentary on Peter Carruthers article, How we know our own minds: The relationship between mindreading and metacognition. Forthcoming in *Behavioral and Brain Sciences*.
- Buckner, C., Niepert, M., & Allen, C. (Forthcoming). Taxonomizing Ideas: Designing an Ontology for the Discipline of Philosophy. Forthcoming in a special issue of *Synthese* devoted to formal representations of the discipline of philosophy.
- Allen, C., Buckner, C., & Niepert, M. (2008). The World is Not Flat: Expertise and InPhO. *First Monday* [Online], Volume 13 Number 8 (20 August 2008).
- Niepert, M., Buckner, C., Murdock, J., & Allen, C. (2008). InPhO: A System for Collaboratively Populating and Extending a Dynamic Ontology. In *Proceedings of the 8th ACM/IEEE Joint Conference on Digital Libraries (JCDL)*, Pittsburgh, Pennsylvania, page 429, ACM Press, 2008.
- Niepert, M. Buckner, C. & Allen, C. (2008). Answer set programming on expert feedback to populate and extend dynamic ontologies. In *Proceedings of 21st FLAIRS*. AAAI Press; 500-505.
- Buckner, C., Niepert, M., and Allen, C. (2007). InPhO: The Indiana Philosophy Ontology. In the *American Philosophical Association Newsletter on Philosophy and Computers*, Spring 2007, Vol 6, No. 2.
- Niepert, M., Buckner, C., and Allen, C. (2007). A dynamic ontology for a dynamic reference work. In Rasmussen, E.M., Larson, R.R., Toms, E., and Sugimoto, S.

Proceedings of the 7th ACM/IEEE-CS Joint Conference on Digital Libraries,
Vancouver, BC, Canada, June 18-23, 2007, pp. 288-297.

- Buckner, C. (2005). The Guessing Game: Teaching Computer Studies in Savusavu, Fiji. *The Successful Professor*, Volume 4, Issue 2, April 2005.

Organizations and Professional Service

- Reviewer, North American Association of Computers and Philosophy (NA-CAP) 2009.
- President of IUB Graduate Association of Student Philosophers (GASP), Fall 2008-Spring 2009
- Graduate student representative for Philosophy Department Graduate Curriculum Committee, Fall 2007-Spring 2008
- Experimental Epistemology Laboratory, Indiana University, Group Leader Dr. Jonathan Weinberg. Spring 2005-Present
- Study group for the Philosophy/Psychology of Animal Cognition, Knowledge, Learning, Evolution, and Development Spring 2005-Present
- University Facilities and Planning Committee, Chair of special external committee of the Texas Tech Student Government Association – primary goal to organize implementation of bicycle lanes on Texas Tech campus. Fall 2003-Spring 2004. (Bicycle lanes were constructed on Texas Tech campus during Summer 2005 and extensions continue to be implemented.)

Volunteer Activities

American Volunteer Experience

- Volunteer at PALS (People and Animals Learning Services) non-profit Equestrian Therapy for children and adults with physical, learning, cognitive, and/or emotional disabilities. Assists with lessons and barn chores, May 2008-present.
- Volunteer, The Haven, a non-kill animal shelter, 2003-2004
- Volunteer, Lubbock Habitat for Humanity, projects between Fall 1999-Spring 2003
- Volunteer, Lubbock Wildlife Refuge, Fall 2002

Summary of Fijian Projects, Summer 2005

- ❖ Volunteer Teacher, Savusavu Secondary School, June 2005-Aug 2005.
Taught two Form 6 (ages 16-18) computer studies courses, covering unit in computer programming; assisted other teachers with pedagogy, assignment design, and lecture skills.
- ❖ Volunteer Teacher, St. Bede's College, June 2005-Aug 2005.
Taught three computer studies classes (ages 14-18), covering introductory programming; assisted Peace Corps volunteer Shenan Moisechek with assignment and lesson plan design.
- ❖ Other Projects:
 - Repaired and maintained computers at several area schools for Savusavu Rotary Club.
 - Advised Rava Computer Club—arranged agreement to relocate computer donated to Rava Computer Club to Rava Kindergarten

building, which allowed Kindergarten instructors use of computer for classes and villagers free access to computer after hours.

- Designed custom databases to store student records and financial information for Savusavu Secondary School and St. Bede's College.
- Taught free adult computer literacy classes at Rava Kindergarten, July 2005-Aug 2005.

Summary of Fijian Projects, Summer 2004

- ❖ Volunteer Teacher, Savusavu Secondary School, June 2004-Aug 2004
Taught four computer studies classes, Forms 6-7 (ages 16-18); topics covered included introductory programming in QBasic and Pascal and computer hardware repair. Also assisted other teachers with pedagogy, assignment design, and lecture skills.
- ❖ Other Projects:
 - Assisted Savusavu Rotary Club with computer repairs and maintenance at area school labs.
 - Aided Rotarian John Noell in installing Community Computer Centre in Multi-Ethnic Center, Savusavu Fiji—now providing free computer use for the public.
 - Advised villagers of Rava settlement in forming Rava Computer Club.

Employment Experience

Date	Position	Employer
08/2004-Spring 2008	Assistant Instructor	IUB Philosophy Department
Description of Duties: Instructor of Record for P100: "Introduction to Philosophy" Spring 2008 and P140: "Introduction to Ethics" Fall 2007. Taught discussion sections for Dr. Sandra Shapshay's P150, "Introduction to Ethics," Dr. Adam Leite's P100, "Appearance and Reality," graded for Mark Kaplan's P250 "Symbolic Logic," and taught discussion sections for Leah Savion's P150 "Introductory Symbolic Logic."		
05/2006-present	Assistant Researcher	Indiana Philosophy Ontology (InPhO) Proj.
Working on IUB New Horizons grant for Summer of 2006 and Spring of 2007 and NEH Startup grant Aug 2007-present (still affiliated with project). Co-author of three awarded grant proposals, \$43,000 (IUB 2006-2007), \$29,800 (NEH 2008-2009), and \$400,000 (NEH 2009-2011). Duties include designing and programming a formal ontology for the domain of philosophy and assisting with implementation of automated information retrieval tools for the Stanford Encyclopedia of Philosophy.		
08/2007-Present	Webmaster	IUB Department of Philosophy
Duties include full array of web site maintenance and improvement.		
08/2007-Spring 2008	Exhibits Coordinator	Association for Practical and Professional Ethics
Duties include organization of book room for APPE 2008 conference.		

Hobbies

Racquet sports, cycling, environmentalism, hiking and mountain climbing, creative writing, piano, and photography.