

## JOHN SYMONS

Department of Philosophy, Worrell Hall 306, University of Texas at El Paso, 500 West University Avenue, El Paso, TX 79968, USA

### EDUCATION

1994 B.A. Connecticut College (Cum Laude with Honors and Distinction in Philosophy)  
2002 Ph.D. Boston University (Philosophy)  
Thesis Title: "Computational Theories of Vision and the Problem of Explanation in Neuroscience"

### SCHOLARSHIPS, HONORS AND AWARDS

1990-1994 McCurdy-Salsbury Scholarship  
1993 Suzanne K. Langer Award  
1994 Oakes and Louise Ames Prize for best undergraduate thesis at Connecticut College  
1997 Machette Prize for best graduate student paper of 1996-97, Boston University  
1997 Peter Bertocci Scholarship, Boston University  
1997-1998 Junior Fellowship, Institut für die Wissenschaften vom Menschen, Vienna  
1998 Humanities Foundation Award, Boston University  
1998-1999 Dibner Predoctoral Fellowship, Massachusetts Institute of Technology  
2002-2003 University of Texas, University Research Institute Award  
2005 Large Classes Academy Stipend. Center for Excellence in Teaching and Learning  
2009-2010 John Templeton Foundation research grant (\$60,124)

### EMPLOYMENT HISTORY

1994-1997 Teaching Fellow, Boston University  
1998-1999 Adjunct Instructor, Boston University  
1999-2001 Adjunct Instructor, Emerson College  
2001-2007 Assistant Professor, University of Texas at El Paso  
2005 Visiting Professor, Peking University  
2007- Associate Professor, University of Texas at El Paso

### COURSES TAUGHT

Introductory Level: Introduction to Philosophy, Introduction to Logic  
Upper Division: Modern Philosophy, 19<sup>th</sup> Century Philosophy, 20<sup>th</sup> Century Philosophy, American Philosophy, Philosophy of Mind, Philosophy of Psychology, Metaphysics, Philosophy of Science, Quine, Kripke  
Graduate: Philosophy of Biology, Vision, Emergence, Philosophical Methods, Research and Writing

### PUBLICATIONS

#### BOOKS (AUTHOR)

*On Dennett*, (Belmont CA: Wadsworth, 2001).

- Translated into Slovak by Juraj Hvorecky as *Dennett* (Bratislava: Albert Marenčin 2004)
- Translated into French by Mathieu Aury with additional chapters on Quinean naturalism as *Dennett: Un naturalisme en chantier*. (Paris: Presses Universitaire de France, 2005)

#### BOOKS (EDITED)

- *Questions, Quantifiers and Quantum Physics: Essays on the Philosophy of Jaakko Hintikka*. Co-edited with Dan Kolak (New York: Springer, 2004)
- *Logic, Epistemology and the Unity of Science*. Co-edited with Jean Paul van Bendegem, Dov Gabbay and Shahid Rahman (Dordrecht: Kluwer, 2004)
- *Formal Philosophy*. Co-edited with Vincent Hendricks (London: Automatic Press, 2005)

- *Masses of Formal Philosophy*. Co-edited with Vincent Hendricks (London: Automatic Press, 2006)
- *Philosophy and Foundations of Physics*. Co-edited with Juan Ferret (London: Automatic Press, 2008)
- *Routledge Companion to the Philosophy of Psychology*. Co-edited with Paco Calvo (London: Routledge, Scheduled for February 2009)

#### JOURNAL SPECIAL ISSUES EDITED

- *Social Structures in Communication Networks* a special issue of *International Journal of Agent Systems and Technologies* (With Jorge Louca) [2009]

#### ARTICLES/CHAPTERS

- "Wittgenstein's Descriptions", in G. Dorn ed., *Proceedings of the 20<sup>th</sup> Annual International Wittgenstein Symposium* 949-950, 1997
- "Explanation, Representation and the Dynamical Hypothesis", *Minds and Machines* 11: 521-541, 2001
- "Emergence and Reflexive Downward Causation", *Principia* 6: 14-39, 2002
- "Information, Representation, and the Dynamic Systems Approach to Language: Commentary on Shanker and King", *Behavioral and Brain Sciences* 25 640-641, 2002
- "Systems of visual identification in neuroscience: Lessons from epistemic logic." With Jaakko Hintikka *Philosophy of Science* 70: 89-104, 2003
  - Reprinted in Hintikka, J. *Socratic Epistemology: Explorations of Knowledge-Seeking by Questioning*. Cambridge: Cambridge University Press. 2007
- "Logic, Epistemology and the Unity of Science: An Encyclopedic Project in the Spirit of Diderot and Neurath" With Shahid Rahman in *Logic, Epistemology and the Unity of Science*. Dordrecht: Kluwer Academic Publishers: 4-36, 2003
- "The Results are in: On the scope and Import of Hintikka's Philosophy", (With Daniel Kolak) in *Questions, Quantifiers and Quantum Physics*. New York: Springer 190-258, 2004
- "Applications de la logique; quelques remarques sur l'influence réciproque des recherches expérimentales et théoriques sur l'identification in *Problèmes ouverts en épistémologie: Connaissance et rationalité*. UNESCO: Paris 2: 31-56, 2005
- "Where's the Bridge? Epistemic logic and Epistemology" (with Vincent Hendricks) *Philosophical Studies* 128:137-167, 2006
- "Epistemic Logic" (with Vincent Hendricks) in *The Stanford Encyclopedia of Philosophy* 2006
- "No Mere Formality: On Why Formal Philosophy Matters" (with Vincent Hendricks) *The Philosophers' Magazine* 3<sup>rd</sup> quarter 35-38, 2006 (published in 2007)
- "Understanding the Complexity of Information Processing Tasks in Vision." In Carlos Gershenson, Diederik Aerts, and Bruce Edmonds (eds.) *Philosophy and Complexity: Essays on Epistemology, Evolution, and Emergence*. Singapore: World Scientific 300-314, 2007
- "Towards a General Description of Physical Invariance in Category Theory" (with Vladik Kreinovich and Julio Urenda) *Journal of Uncertain Systems* 1: 170-175, 2007
- "Pattern-oriented analysis of communication flow: the case study of Cicada barbara lusitanica." *21st European Conference on Modelling and Simulation - ECMS 2007*, Prague, Czech Republic. (with Louçã, J, Rodrigues, D., Morais, A.)
- "Detecting Emergence in the Interplay of Networks" Interplay of Networks", in Goran P. Trajkovski and Samuel G. Collins (eds.) (2008) *Emergent Agents and Socialities: Social and Organizational Aspects of Intelligence*, AAAI Technical Report FS-07-04. (Menlo Park, California: The AAAI Press). 86-93 (with J. Louçã , D. Rodrigues, and A. Morais)
- "Intuition and Philosophical Methodology" *Axiomathes* 18: 67-89, 2008
- "Inquiry and Functionalism" in Cédric Dégremont, Laurent Kieff and Helge Rückert (eds.) *Dialogues, Logic and Other Strange Things: Essays in Honour of Shahid Rahman*. London: College Publications 385-393, 2008
- "Computational Models of Emergent Properties" *Minds and Machines* 18, 4: 475-491, 2008
- "Supervenience" in *The Encyclopedic Reference of Neuroscience*. New York: Springer, 2008
- "What has Philosophy of Psychology Become?" *Routledge Companion to Philosophy of Psychology*. John Symons and Paco Calvo (eds.) New York: Routledge xxi-xxiv, 2009

- “Jack Haddox’s Philosophy of Biology” in Julius Simon ed. *The Philosophy of Jack Haddox* Edwin Mellen Press ###-### (forthcoming)
- “A Computational Modeling Strategy for Levels” *Philosophy of Science* (forthcoming)
- “Epistemic Logic” in *Routledge Companion to Epistemology*. Duncan Pritchard and Sven Bernecker (eds) New York: Routledge. (forthcoming 2009)
- “A Sketch of the Methodology and History of Ontology in the Analytic Tradition” in *Theories and Applications of Ontology* Vol. 1 Seibt and Poli (eds.) New York: Springer (forthcoming)
- “Functionalism and Fallibility” *Southwest Philosophical Studies* (forthcoming)

#### BOOK REVIEWS

- “Review of Christian Delacampagne’s A History of Philosophy in the Twentieth Century” in Connecticut College Magazine, 33-43, Winter 2000
- “Review of Jean Gayon, *Darwinism’s Struggle for Survival: Heredity and the Hypothesis of Natural Selection*” *International Journal of Philosophical Studies* 9 (1), 90-94, 2001
- “Review of Steven Wolfram, *A New Kind of Science*”, *International Journal of Philosophical Studies* 12 (4) 504-508, 2004
- “Review of Giandomenico Sica (ed.) *What is Category Theory?*” *Studia Logica* 89 (2) 285-289, 2008

#### SHORT ENCYCLOPEDIA ENTRIES

- “Model Theory”, “Ontology” and “Epistemic Logic” for *The Encyclopedic Reference of Neuroscience* Springer (2009)

#### TRANSLATION

- “An International Encyclopedia of Unified Science’ a translation of Otto Neurath’s ‘Une Encyclopédie Internationale de la Science Unitaire” (1935) in Shahid Rahman and John Symons (eds.) *Logic Epistemology and the Unity of Science* 17-23 2004

#### EDITORIALS IN SYNTHÈSE

- 136: 1-2, 2003
- 138: v-vii, 2004
- With Johan van Benthem and Vincent Hendricks:
  - 148: 1-3, 2006
  - 154: 1-3, 2007
  - 159: 1-4, 2008

#### PRESENTATIONS

- ‘Wittgenstein’s Descriptions’
  - 20<sup>th</sup> Annual International Wittgenstein Symposium, Kirchberg am Wechsel. (August 19, 1997)
- ‘Memory as a Behaviorist Views it: Tolman’s Cognitive Maps’
  - Fellows Conference, *Institut für die Wissenschaften vom Menschen*, Vienna. (December 10, 1997)
- ‘Imagining the Thinking Thing; on the role of Imagination in Descartes’ Meditations’
  - Twentieth World Congress of Philosophy, Boston MA (August 16, 1998)
- ‘Explanation in Neuroscience: Complex Systems and Cognition’
  - Second International Conference on Complex Systems, Nashua NH (October 29, 1998)
- ‘Emergentism and Levels-Talk’
  - Department of Philosophy, Connecticut College, New London (February 18, 1999)
- ‘Levels of Explanation in the Brain Sciences’
  - Center for Theoretical Studies, Charles University, Prague. (October 10, 1997)
  - Boston Colloquium for the Philosophy and History of Science, Boston (November 17, 1999)
- ‘Prosthetic eyes, plastic brains and the taste of beer’
  - Department of Philosophy, University of Texas, El Paso (March 14, 2001)
  - Clark University, Worcester (March 2, 2001)
- ‘Structure-function problems: emergent properties in physics and biology.’

- International Society for the Philosophy History and Social Study of Biology, New Haven. (July 19, 2001)
- 'Epistemic Logic: Implications for the Neuroscience of the Visual System.'
  - IHPST seminar, Paris (February 12 2002)
  - Université de Lille- Séminaire Interdisciplinaire (February 13, 2002)
- 'Marr's Computational Functionalism'
  - Boston Colloquium for the Philosophy and History of Science (March 25 2002)
- '...for whom the quale inverts'
  - Philosophy Department Colloquium, New Mexico State University (September 25, 2002)
- 'What's the Significance of Emergentist Explanations?'
  - Colloque franco-finlandais de philosophie des sciences, Institut Finlandais, Paris (March 15, 2003)
- 'Functionalism factored out: Functionalist metaphysics and the research program of cognitive science'
  - Brazilian International Conference on Cognitive Science, Sao Paulo (August 22, 2003)
  - Department of Philosophy, University of Cincinnati (January 16, 2004)
  - Department of Philosophy, Brandeis University (March 18, 2004)
- 2004-5 *Phi Sigma Tau* Distinguished Lecture Series "Minds, Brains and Knowledge"
  - Hartwick College, Oneonta, New York (November 12, 2004)
  - Philosophy Colloquium, Roskilde University, Roskilde (December 5, 2004)
- 'Kripke and Hintikka on Identity and Identification'
  - *Problèmes ouverts en épistémologie / Open Problems in Epistemology*, UNESCO Paris (November 20, 2003)
- 'Computational physics and the logic of emergence'
  - *Department of Physics Colloquium*, University of Texas at El Paso (February 4, 2004)
  - CNRS conference on emergence, Ecole Normale Supérieure. Paris (April 27, 2004)
- 'Kim's objections to emergence'
  - *Dynamic Ontology 2004*, Trento University (September 10, 2004)
- 'Hintikka on the quantifier'
  - APA Eastern Division, Special session in honor of Jaakko Hintikka, Boston (December 28, 2004)
- 'Emergence and Individuation'
  - New Mexico-West Texas Philosophical Society, El Paso (April 14, 2005)
  - Department of Foreign Philosophy, Peking University (May 21, 2005)
  - IIP meeting / Department of Philosophy, UNAM Mexico City (August 26<sup>th</sup>, 2005)
  - *Karl Popper Seminar Series*, Department of Philosophy, London School of Economics, London (November 22, 2005)
- 'Intuitive Content: Kripke and Common Sense'
  - New Mexico/West Texas Philosophical Association, Las Cruces (April 8, 2006)
- 'Emergence and Explanation'
  - Department of Philosophy Colloquium, University College Dublin (July 7, 2006)
  - Lisbon Colloquium for the Philosophy of Science, Lisbon (October 27, 2006)
- 'Cellular Automata as Models of Nature'
  - Philosophy of Science Association Biennial Meeting, Vancouver (Presented by Philippe Huneman in my absence) (November 2, 2006)
- 'Dispositional Properties and Simple Structures'
  - Philosophy Department Colloquium, Roskilde University, Roskilde (December 15, 2006)
- 'Limiting Skepticism'
  - Tri-City Philosophical Society, El Paso (March 17, 2005) (with Vincent Hendricks)
  - Philosophy and History of Science Seminar, Bristol University Department of Philosophy. (Presented by Vincent Hendricks) (January 30, 2007)
- 'Jack Haddox and the Philosophy of Biology'
  - *Jack Haddox: Celebrating 50 years of Philosophy at UTEP*. University of Texas at El Paso (March 3, 2007)
- 'Inquiry and Minimal Functionalism'
  - New Mexico- West Texas Philosophical Association, Austin (March 31, 2007)
  - Society for Exact Philosophy, Vancouver (May 17, 2007)
- 'Modal logic, category theory and metaphysics'

- Mathematics Department Colloquium, New Mexico State University, Las Cruces NM. (May 3, 2007)
- 'Pattern-Oriented Analysis of Communication Flow'
  - 21<sup>st</sup> European Conference on Modelling and Simulation, Prague (June 5, 2007) [Presented by Jorge Louca]
- 'Emergence in Social Networks : Modeling the Properties of Multi-Agent Systems'
  - Complexity Sciences: Mathematics and Innovation Arrabida, Portugal. (July 4, 2007)
  - The Fourth Conference of the European Social Simulation Association, Toulouse (September 10-14, 2007) [Presented by Jorge Louca]
- 'Detecting Emergence in the Interplay of Networks'
  - UACJ, Juarez (September 22, 2007)
  - Levels of Reality Conference, Bolzano (October 18, 2007)
  - Emergent Agents and Socialities: Social and Organizational Aspects of Intelligence, Association for the Advancement of Artificial Intelligence, Washington D.C. (November 8-11, 2007)
- 'Models of Emergence'
  - ICC Workshop on Complexity in Social Systems (Keynote Speaker) (January 11, 2008)
- 'Collective agency and sampling, the virtues of sortition'
  - Seminario Permanente sobre Dominación en la Organización, UACJ, Juarez (April 25, 2008)
- 'Identity, Cross Identification and the Attitudes'
  - 76<sup>e</sup> Congrès de l'Acfas (Association francophone pour le savoir), Québec City (May 9, 2008)
- 'Pain and Embodiment'
  - Philosophy department colloquium, New Mexico State University, Las Cruces NM. (December 4, 2007)
  - New Mexico-West Texas Philosophical Society (April 7, 2008)
  - NEUPHI: Boston University/MIT Philosophy of Neuroscience Colloquium (April 18, 2008)
  - Week of the Humanities. Keynote. UACH, Chihuahua. (October 11, 2008)
- 'Do petabyte level resources make any qualitative difference to scientific inquiry?'
  - Physics department colloquium, University of Texas at El Paso (September 10, 2008)
  - Joint Fall 2008 Meeting of the Texas and Four Corner Sections of APS, AAPT, and Zones 13 and 16 of SPS, and the Societies of Hispanic & Black Physicists (With Vladik Kreinovich and John McClure) (October 17, 2008)
- 'Fusion, Fission and Organism'
  - Philosophical and historical perspectives on the organism, IHPST Paris (December 13, 2008)

#### COMMENTARIES

- 'Response to Peter Swiggart 'Skepticism at Harvard: The Quinean Tradition.' David Hall Memorial Lecture Series, University of Texas at El Paso (April 5, 2002)
- 'Georgalis on Intentional Objects in psychological explanation' Southern Society for Philosophy of Psychology, New Orleans (April 9, 2004)
- 'Polger on Multiple Realizability' APA Central Division Meeting Chicago (April 29, 2005)
- 'Cesarz on Leibniz, McTaggart and Broad' APA Eastern Division Meeting, New York (December 27, 2005)
- 'Comments on J-P Vessel's "Defending a Possibilist Insight in Consequentialist Thought"' New Mexico – West Texas Philosophical Association (April 7, 2006)
- 'Comments on Bill Springer's "Aristotle on Substantial Change"' Departmental Colloquium, University of Texas at El Paso (November 11, 2008)

#### PRESENTATIONS ON TEACHING AND LEARNING

- 'Evaluating Interdisciplinary Student Work.' Sun Conference on Teaching and Learning, El Paso (March 9, 2002)
- 'Some advice on preparing your work for publication' 3<sup>rd</sup> Annual Graduate Student Conference in Philosophy, History of Ideas and History of Science. The Institute of Philosophy and Religious Studies, The University of Southern Denmark – Odense (December 3, 2004)
- 'Big science, hyper-specialization and interdisciplinarity' Minority Access to Research Careers Seminar, University of Texas at El Paso (April 21, 2005)

- 'Arguing with 400 people: philosophy in the age of mass education' 2006 International SUN Conference on Teaching and Learning, El Paso (March 3, 2006)
- 'Maintaining High Intellectual Standards in Very Large Classes' Center for Excellence in Teaching and Learning, UTEP, *Large Class Academy* (August 9, 2006)
- 'Majoring in Philosophy at UTEP' Presentation to College of Liberal Arts advising group, UTEP (October 13, 2006)
- 'Applying to Graduate Programs in Philosophy'
  - Workshop for UTEP Philosophy Students (April 11, 2007)
  - Workshop for UTEP Philosophy Students (May 5, 2008)
- 'Pedagogy and content in teaching the history of 19<sup>th</sup> century mathematics in the secondary education geometry curriculum' With Marie De Billie and Olga Kosheleva. Third International College of Education Summer Research symposium *Cruzando Fronteras*, El Paso TX (June 18-19, 2007)
- 'Teaching Large Introductory Courses Effectively: Collaborating with teaching assistants, incorporating technology and developing team-based learning.' With Juan Ferret. Workshop presentation for the Center for Excellence in Teaching and Learning, UTEP (April 25, 2008)

#### OFFICES

2004-	Permanent Member, Institut Internationale de Philosophie
2005-	Associate Member, Institut d'Histoires et de Philosophie des Sciences et des Techniques
2007-2008	Vice-President, New Mexico – West Texas Philosophical Society
2008-2009	President, New Mexico – West Texas Philosophical Society

#### EDITORSHIPS

2002- present	Editor-in-chief, <i>Synthese</i>
2002-present	Editor-in-chief, <i>Synthese Library</i> Book Series
2004-present	Editor-in-chief, <i>Logic, Epistemology and the Unity of Science</i> Book Series
2005-present	Co-editor <i>Texts in Philosophy</i> (Book Series) Kings College Publications

#### EDITORIAL BOARDS

2007-present	Editorial board member <i>International Journal of Agent Technologies and Systems</i>
2008-present	Editorial board member <i>PhiBook: The Yearbook of Philosophical Logic</i>

#### CONFERENCE ORGANIZATION

- Program Committee Member, *Complexity, Science and Society Conference: Session on Philosophy and Complexity*. Liverpool (11-14 September 2005)
- Organizing Committee Member and Program Committee Member *(Anti-)Realism: Logic and Metaphysics*. University of Nancy 2 June 28-July 1st, 2006
- Organizing Committee Member and Program Committee Member, *Neurath's Legacy: New Directions in the Unity of Science Conference*. Lisbon (2-4 October 2006)
- Organizing Committee Member *The Haddox Conference: Celebrating 50 years of philosophy at UTEP*. University of Texas at El Paso, March 2-4, 2007
- Program Committee Member, *The Classical Model of Science: The Axiomatic Method, the Order of Concepts and the Hierarchy of Sciences*, Vrije Universiteit Amsterdam, January 11<sup>th</sup>-13<sup>th</sup>, 2007.
- Organizer, *Between Logic and Intuition: On the Philosophy of David Lewis*, Carlsberg Academy, Copenhagen, October 10-13 2007
- Organizer, *New Mexico-West Texas Philosophical Society Annual Meeting*, UTEP, El Paso Texas April 11-14, 2008.

#### REFeree SERVICE

#### JOURNALS

*Studia Logica, Synthese, Theoria, Pragmatics and Cognition, Notre Dame Journal of Formal Logic, Southwest Philosophical Studies, International Journal for Agent Technologies and Systems*

## CONFERENCES

- Referee for *History of Early Analytic Philosophy Society* (HEAPS) Meeting with the Central Division of the American Philosophical Association (2004, 2007)
- Referee for *David Lewis: Between Logic and Intuition* Copenhagen (October 2007)
- Referee for *Complexity in Social Science* Lisbon (January 2008)
- Referee for *New Mexico-West Texas Philosophical Society Annual Meeting*, El Paso Texas (April 2008)

## PROGRAM EVALUATION / EXTERNAL EVALUATOR

- Referee/Evaluator, Agência FAPESP (Fundação de Amparo à Pesquisa do Estado de São Paulo) 2003
- External Program Evaluator, Danish Research Training Council (February 2006)
- External Evaluator, University of Idaho Excellence in Research and Creative Activity Committee (December 2007)
- Member of the Scientific Committee (Comissão Científica do Mestrado) for the MSc. Degree in Complexity Science, ISCTE, Lisbon. (2007-present)

## INSTITUTIONAL SERVICE

2001-present	Graduate / Law School Placement Advisor, Philosophy Department
2002-2003	Hiring committee (tenure track position), Philosophy department
2002-2003	Senate Information Technology Committee
2003-2006	Vice-Chairman, Faculty Senate Information Technology Committee
2004-2008	Undergraduate Advisor
2005	Masters Degree Proposal Committee
2006	Ad-hoc hiring committee member (administrative position), Philosophy department
2007-2008	Hiring committee (tenure track position), Philosophy department
2008-present	Director of Graduate Studies, Department of Philosophy
2008-present	Faculty Senate Representative Philosophy Department

## SERVICE TO THE COMMUNITY

2008-present	Board of Directors, <i>Las Americas Immigrant Advocacy Center</i> , <a href="http://www.las-americas.org">www.las-americas.org</a> El Paso, Texas
2002-present	Advisory Board, <i>Las Americas Immigrant Advocacy Center</i> , <a href="http://www.las-americas.org">www.las-americas.org</a> El Paso, Texas
2007	Guest Columnist <i>El Paso Times</i>
2004-present	Advisory Board, <i>The Center for Naturalism</i> , <a href="http://www.naturalism.org">www.naturalism.org</a> Somerville, Massachusetts

## MASTERS DEGREE THESES SUPERVISED

- Craig Cummings, *Medieval Epistemology and the Rise of Mechanism*. Defended Fall 2003 (Second Reader – MAIS)
- Gabriela Duran *Hearing and Reading Two languages Simultaneously*. Defended Fall 2005 (Third Reader, Department of Psychology)
- Daniel Flores, *Memes*. Defended Fall 2006 (First Reader - MAIS)
- Elizabeth Pando, *Neural Plasticity and Philosophy of Mind*. Defended Spring 2007 (First Reader - MAIS)
- Mary Katherine McMullin, *Wrestling Power: George Herbert's Struggle for Spiritual Union*. Spring 2008 (Second Reader – English)

- Geoff Abruzzi, *3Screenplays* Defended Fall 2008 (Third Reader – Bilingual MFA)

#### DOCTORAL THESES SUPERVISED

- Erich Rast, *Reference and Indexicality* Fall 2006 (Assessment Committee Member/Opponent, Department of Philosophy, Roskilde University)
- Craig Cummings, *Historiography and the Scientific Revolution* (Second reader, Department of History) (In progress)
- Eugenia Shekter, *An Analysis of Decision Making in Public Policy Surrounding Heavy Metals Contamination* (Second Reader, Environmental Science) (In progress)
- Gabriela Duran, *The Influence of Prefrontal Cortex and Top-Down Processing on Object Recognition* (Committee Member, Psychology) (In progress)