

## **Curriculum Vitae**

Dwayne Raymond, Ph.D.

Department of Philosophy  
Texas A&M University  
College Station, Texas, USA  
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### **Citizenship:**

Canadian

### **Academic Positions**

Visiting Assistant Professor (2011-present)

Department of Philosophy, Texas A&M University, College Station,  
Texas, USA

Assistant Professor (2009 – 2010)

Department of Philosophy and Classics, Campion College at the  
University of Regina, Regina, Saskatchewan, Canada

Visiting Scholar (2008-2009)

Department of Philosophy, Texas A&M University, College Station,  
Texas, USA

Instructor (2006-2008)

Department of Philosophy, St. Tomas More College at the University  
of Saskatchewan, Saskatoon, Saskatchewan, Canada

Instructor (2006-2007)

Department of Philosophy, University of Saskatchewan, Saskatoon,  
Saskatchewan, Canada

Instructor (2001-2006)

Department of Philosophy, University of Western Ontario, London,  
Ontario, Canada

Instructor (1998-1999)

University of Calgary, Calgary, Alberta, Canada

### **Education:**

University of Western Ontario, Ontario, Canada

Ph.D. with Distinction, Philosophy, 2006

University of Calgary, Alberta, Canada

M.A., Philosophy, 1997

University of Calgary, Alberta, Canada

B.A., Economics and Philosophy (Double Major), 1993

### **Areas of Specialization:**

History of Logic (ancient/prehistory), Aristotle, Descartes

### **Areas of Competence:**

Logic, Ancient Philosophy, Philosophy of Mind, Cognitive Science of Religion,  
Asian Philosophy, Business Ethics, Early Modern Philosophy, Late Medieval  
Philosophy, Metaphysics

## Research

### Book

#### Under Review

Dwayne Raymond, *Inseparability and Polarity: At the Root of Ancient Reasoning* (in preparation) Proposal reviewed by Parmenides Publishing and Cambridge University Press in late 2009. Both have requested to review a proportion of the manuscript. Currently under review with Parmenides Publishing.

### Articles

Dwayne Raymond, "From a particular diagram to a universal result: Euclid Book I" *Aperion: A journal for ancient philosophy and science* (Forthcoming)

Dwayne Raymond, (2010) "Polarity and Inseparability: The Foundation of the Apodictic Portion of Aristotle's Modal Logic" *History and Philosophy of Logic* 31 (3): 193-218.

#### Revise and Resubmit

Dwayne Raymond, "On Barrett's claim for the selective advantage of certain religions and its evolutionary disadvantages for humanity" *Sophia* (Due May 2011)

#### In Preparation

Dwayne Raymond "What is Prime and Prime Number in ancient Greek Mathematics?"

Dwayne Raymond "Diastema: Linking the Syllogistic With Harmonic Theory" (**In revision**)

Dwayne Raymond, "*Secundum Quid*" (**penultimate complete**)

Dwayne Raymond, "Aristotle's fallacy of accident" (**penultimate complete**)

Dwayne Raymond, "The Problematic portion of the *Prior Analytics*"

Dwayne Raymond, "Aristotle's Reciprocal Proofs"

### Book Chapters

#### Peer Reviewed

Dwayne Raymond, "Parmenidean intuitions in Descartes's theory of the heart's motion" in Ann Ward (ed.) *Matter and Form: From Natural Science To Political Philosophy* (Rowman & Littlefield Publishing Inc.: 2009).

## Published Conference Proceedings and Abstracts

Dwayne Raymond, "From a particular diagram to a universal result: Euclid's *Elements* Book I" *Joint Session of the Aristotelian Society and Mind Associate Conference*, UK July 2009 (Published Abstract)

Dwayne Raymond, "On the psychological underpinnings of a God-concept: the intuitive theist hypothesis, an equivocation and a subsequent reevaluation of the evidence" *The Concept of God and the Cognitive Science of Religion: An International Conference at Birmingham*, UK, June 2009 (Published Abstract)

Dwayne Raymond, "On Descartes's conjecture that yeast may lie the folds of the heart: The role of ancient intuitions in Descartes's rejoinder" *Proceedings of the International Society for the Study of European Ideas (ISSEI)*, Helsinki, Finland, June 2008 ([http://www.valt.helsinki.fi/optek/issei/section5/Session\\_20\\_32\\_Ward/20\\_32\\_Raymond.pdf](http://www.valt.helsinki.fi/optek/issei/section5/Session_20_32_Ward/20_32_Raymond.pdf))

Dwayne Raymond, "Aristotle's apodeictic logic: the need to be clear about Aristotle's analysis of whole-part confusions" *Proceeding of History of Philosophy of Science (H.O.P.O.S.)* Paris, France, June 2006 (Published Abstract)

## Non-refereed Published Papers

### White Paper

Dwayne Raymond, "Preliminary code of ethics for the Canadian Environmental Certification Approvals Board" *Canadian Council for Human Resources in the Environment Industry*, March 1998

### Trade Journal (Feature Article)

Dwayne Raymond, "Mining stocks: know their value, take your profits" *Capital Ideas*, January 1997

## Visiting Scholar / Post Doc

*Inseparability and Polarity: At the Root of Ancient Reasoning*

**Texas A&M University**

**Supervisor:** Robin Smith

### Abstract

Aristotle conceptualized logic's key ingredients such as predication, truth and falsity, negation, contraries, contradictories, and logical consequence in terms of combinations and separations. Of these, contraries and contradictories emerged out of clarifications concerning the most extreme form of separation: things that never combine (Polarity). Logical consequence emerged out clarifications concerning the most extreme form of combination: things that never separate (Inseparability). The extremes of Polarity and Inseparability contain the seeds for formal logic and they contain the seeds for fallacies prevalent in ancient Greece. The project traces Aristotle's development of Inseparability and Polarity through his treatment of logical fallacies into his modal logic.

## Ph.D. Thesis

*Qua*

University of Western Ontario

**Supervisor:** John Thorp

**Committee:** John Bell

Karen Margrethe Nielsen

**Examiners:** Joseph A Novak

John Bell

David Bellhouse

Chris Viger

### Abstract

Aristotle's modal syllogistic, with his controversial use of a single notion of necessity and two notions of possibility, is reconstructed as a sound system. The reconstruction begins with a study of the pre-theoretical assumptions implicit in logical systems. Four discursive essays probe Aristotle's treatment of a) expressions making existential or non-existential claims; b) the system of reference, types of reference and associated fallacies; c) the role of modal operators; d) notational properties and the associated style of deduction. The results are developed into a formal system, complete with metalogical proofs. It follows Aristotle's practice of relying upon positive and negative tests to determine the validity of actual arguments: the positive test concerns perfection and perfectibility (Aristotle's version of deduction); the negative test involves counterexamples and a narrow notion of logical form. The reconstruction argues for a robust system of reference/denotation enabling reference to individuals as well as the direct and indirect reference to an attribute by employing Aristotle's two uses of 'qua': subject-*quas* ('qua' modifies the subject term) and predicate-*quas* ('qua' modifies the predicate term). These uses of 'qua' are shown to inform Aristotle's treatment of certain fallacies that fall outside of language: ignoring qualifications, accident and consequent. The formal system is sound.

## M.A. Thesis

*Information Conveyance: A Critique of Claude E. Shannon's Noise/Signal Distinction*

University of Calgary

**Supervisors:** John Baker / C. B. Martin

### Abstract

The Stomatogastric Nervous System (*e.g.*, the network controlling a crab's stomach) is used to show that Claude E. Shannon's notion and measure of information are inapplicable to dynamic biological networks. Specifically, the technical notion and the measure require systemic conditions that are routinely violated by such common features as neuro-modulation. Moreover, Shannon's account of information conveyance (a central feature of the notion of information) necessarily implies a necessary noise/signal distinction. While the conditions and the noise/signal distinction appear to exist in some physical systems, they are shown not to be present in biological neural systems. Hence, Shannon's information theory is limited in its scope of application. If the claim that neurons convey information is to hold, then the notion of information must be other than Shannon's notion. Right now, there is no other technical notion of information.

## Refereed Presentations

### Presented

Dwayne Raymond, "From a particular diagram to a universal result: Euclid's *Elements* Book I" *Joint Session of the Aristotelian Society and Mind Associate Conference*, UK, July 2009

Dwayne Raymond, "On the psychological underpinnings of a God-concept: the intuitive theist hypothesis, an equivocation and a subsequent reevaluation of the evidence" *The Concept of God and the Cognitive Science of Religion: An International Conference at Birmingham*, June 2009

Dwayne Raymond, "The Harvey-Descartes debate: The hardening of the heart, the proper use of the will and ancient logical intuitions" *International Society for the Study of European Ideas (I.S.S.E.I.)* Helsinki, Finland, July 2008

Dwayne Raymond, "Aristotle's apodeictic logic: the need to be clear about Aristotle's analysis of whole-part confusions" *History of Philosophy of Science (H.O.P.O.S.)* Paris, France, June 2006

Dwayne Raymond, "Hypothetical Necessity: On the question of its lineage to the *Prior Analytics*" *Canadian Philosophical Association*, May 2005

Dwayne Raymond, "The Two Barbaras Problem and the role of subject-*quas*" *Western Canadian Philosophical Association*, October 2004

Dwayne Raymond, "Drawing upon an ancient logical intuition" *Canadian Philosophical Association*, May 2004; *American Philosophical Association, Central Division*, April 2004

Dwayne Raymond, "Aristotle's fallacy of accident" (Revised version) *American Philosophical Association, Eastern Division*, December 2003; (Original Version) *Ontario Philosophical Society*, November 2002

Dwayne Raymond, "The world's fastest man and a potato clock" *Canadian Philosophical Association*, May 2003

Dwayne Raymond, "The foundation for a computational account of cognition: an inquiry" *The Canadian Graduate Students Conference*, May 1995

Dwayne Raymond, "Understanding physical systems *qua* physical systems" *The Stanford-Berkeley Graduate Student Conference*, April 1995

Dwayne Raymond, "What is missing and why it is important for a model of mind/brain activity" *University of Alberta*, December 1994

## Non-refereed Presentations

Dwayne Raymond, "Euclid and the *Euthyphro*" Regis College at the University of Toronto, Ontario, sponsored by the Lonergan Research Institute, November, 2010 (Lecture two of a two day series)

Dwayne Raymond, "Distinguishing Between Logical and Linguistic Insights" Regis College at the University of Toronto, Ontario, sponsored by the Lonergan Research Institute, November, 2010 (Lecture one of a two day series)

Dwayne Raymond "What is Prime about Prime Numbers and Why it Matter to the History of Formal Thinking in Ancient Greece" Brandon University, MB, April 2010

Dwayne Raymond, "Structuring Wholes: On the origins and development of ancient formal systems of logic, geometry, harmony (ratio and proportion) and arithmetic" Department of Philosophy and Classics, Main Campus, University of Regina, SK, December 2009

Dwayne Raymond, "Commentary on Michael Bruder's 'The Role of Perception in Aristotle's Account of Time'" *Western Canadian Philosophical Association*, October 2009

Dwayne Raymond, "Commentary on Andrea Mihali's 'Cartesian Freedom(s) Before and After (Acts of Will are Elicited)'" *Western Canadian Philosophical Association*, October 2009

Dwayne Raymond, "Inseparability and Polarity: Towards an understanding of logic's origins" Department of Philosophy, University of Manitoba, MB, October 2009

Dwayne Raymond, "From Gods to God to Euclid" Philosophy Cafe: An open exchange of philosophical ideas led by a University of Regina Professor at the Regina Public Library, October 2009

Dwayne Raymond, "Turning to the *Prior Analytics* to understand the contingency of Aristotle's future contingencies" History and Philosophy of Logic Group, Texas A&M University, December 2008

Dwayne Raymond, "Sifting for an ancient kernel of truth: the role of unity, inseparability and non-contradiction in the creation of formal logic" Texas A&M University, October 2008

Dwayne Raymond, "Commentary on Richard Bosley's 'The theory of correspondence in Aristotle's syllogistic: the problem of negation'" *Western Canadian Philosophical Association*, October 2008

Dwayne Raymond, "Is it absurd to think that the Truth is a surd?: The role of irrationals in Plato's late ontology, the generation of numbers, and his explanation of things that are less than ideal" University of Saskatchewan, January 2008

Dwayne Raymond, "Commentary on David Deviti's paper on logical pluralism"  
*Western Canadian Philosophical Association*, October 2007

Dwayne Raymond, "A look at contingency in future contingences" St. Francis  
Xavier University, September 2007; McMaster University, September 2007;  
University of Western Ontario, March 2007

Dwayne Raymond, "Commentary on E Katz's 'Does Aristotle have Plato's  
number?'" *Canadian Philosophical Association*, May 2007

Dwayne Raymond, "Guest lecture for a graduate seminar in ancient logic" University  
of Western Ontario, March 2007 (The course was motivated by my PhD  
Dissertation)

Dwayne Raymond, "Unraveling a 2400 year-old mystery" University of  
Saskatchewan, November 2005

Dwayne Raymond, "Relations, intensional contexts and the subject-*qua* / predicate-*qua*  
distinction in the *Prior Analytics*" *Symposium on Aristotle: Logic and Science*, *Canadian  
Philosophical Association*, May 2005

Dwayne Raymond, "Possibility and Existential Commitment in Aristotle's logic"  
*Symposium on Ancient and Medieval Logic*, *Canadian Philosophical Association*, May 2004

Dwayne Raymond, "Commentary on Phill Corkum's 'Aristotle on Consequence'"  
*Canadian Philosophical Association*, May 2004

Dwayne Raymond, "On how not to read Aristotle's logic" *The Greek Gang*,  
University of Western Ontario, Jan 2004

Dwayne Raymond, "Commentary on Louis Groarke's 'Aristotle and Michelangelo:  
induction as *techne* or art'" *Ontario Philosophical Society*, November 2003

Dwayne Raymond, "Diagrammatic logic" *The Greek Gang*, University of Western  
Ontario, October 2003

Dwayne Raymond, "Commentary on Anthony Willing's 'Aristotle on possessive  
paradoxes'" *Canadian Philosophical Association*, May 2003

Dwayne Raymond, "Commentary on Dan Ryder's 'Theory of Representation'"  
*Graduate Student Philosophy of Mind Conference*, *University of Western Ontario*, June 2001

Dwayne Raymond, "Employability and education: making sure you come out with  
the skills" *Montcalm High School*, November 1999

Dwayne Raymond, "Computational models of mind and the necessary role of the noise/signal distinction in computational models of mind" University of Calgary, October 1997

Dwayne Raymond, "The quantitative emphasis in computationalism: where are the qualities?" University of Calgary, October 1994

Dwayne Raymond, "Internalism and the roads to it: an inquiry into the ontological commitments of the view" University of Calgary, November 1993

### **Scholarships and Awards:**

Ph.D. with distinction, 2006.

Special University Scholarship, University of Western Ontario: Summer, 2003; Fall, 2002; Summer, 2002; Fall, 2001; Summer 2001, Fall, 2000; Summer, 2000.

Graduate Student Teaching Award Nomination, University of Western Ontario, Fall/Winter, 2000/2001

Graduate Student Teaching Award Nomination, University of Western Ontario, Fall/Winter, 1999/2000

Graduate Research Scholarship Department of Philosophy, University of Calgary, Fall, 1994; Summer, 1994.

Graduate Teaching Assistantship Department of Philosophy, University of Calgary, Winter, 1993.

Undergraduate Merit Award, University of Calgary. 1992.

### **Teaching Experience:**

- As an instructor I selected the text, developed and gave lectures. I graded all exams and assigned final grades.
- The classes are lecture based, averaging 3 hrs/wk over a 14 week term.
- As a teaching assistant, I graded assignments, ran tutorials and held office hours.
- Tutorials averaged 1 hr/wk.

#### **Campion College, University of Regina**

Assistant Professor (Winter Jan.-April 2010)

Introduction to Philosophy	15 students
Critical Thinking	35 students
Presocratic Philosophers and Plato	15 students

Assistant Professor (Fall Sept.-Dec. 2009)

Plato's Later Dialogues (upper undergrad/honors)	8 students
Introduction to Philosophy	25 students

#### **St. Thomas More College, Saskatoon, Saskatchewan**

Instructor (Winter Jan.-April 2008)

Ethics for Business and the Professions	40 students
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Instructor (Fall Sept.-Dec. 2007)



Instructor	Ethics for Business and the Professions (Winter Jan.-April 2007)	55 students
	Later Medieval Philosophy	15 students
Instructor	(Fall Sept.-Dec. 2006) Cultivating Humanities	20 students

### **The University of Saskatchewan**

Instructor	(Fall Sept.-Dec. 2007) Introduction to Symbolic Logic	55 students
Instructor	(Winter Jan.-April 2007) Introduction to Symbolic Logic Knowledge, Mind and Metaphysics Informal Logic	55 students 20 students 140 students
Instructor	(Fall Sept.-Dec. 2006) Introduction to Symbolic Logic	55 students
Instructor	(Winter Jan.-April 2006) Introduction to Symbolic Logic	55 students

### **The University of Western Ontario**

Instructor	(Fall/Winter 2005/2006) Asian Philosophies (100 level) (Summer 2005) Early Modern Philosophy (200 level) (Winter Jan.-April 2005) Business Ethics (100 level) The Ethics of Professional Relationships (200 level) (Fall/Winter 2004/2005) Asian Philosophies (100 level)	35 students Cancelled 50 students 45 students 59 students
Instructor:	(Fall/Winter 2003/2004) An Introduction to Formal Logic (100 level)	19 students
Instructor:	(Fall/Winter 2002/2003) An Introduction to Formal Logic (100 level)	45 students
Instructor:	(Fall/Winter 2001/2002) An Introduction to Philosophy (020 level)	35 students
Teaching Assistant:	(Fall/Winter 2000/2001) An Introduction to Philosophy (Fall/Winter 1999/2000) Practical Reasoning (Informal Logic)	20 students 20 students

### **The University of Calgary**

Instructor:	(Winter Jan.-April 1998) An Introduction to Philosophy of Mind	15 students
Instructor:	(Fall Sept.-Dec. 1998) An Introduction to Philosophy of Mind	15 students
Teaching Assistant:	(Fall/Winter, 1993) An Introduction to Philosophy	70 students

### Academic Service:

- Funding Committee, Humanities Research Institute, University of Regina, SK September 2009-current
- Faculty Coordinator, 2010 Joint University of Regina and University of Manitoba Graduate Philosophy Symposium
- Organizing a visiting speaker, Department of Philosophy and Classics, Campion College, University of Regina, March 2010
- Referee for entry into an MA
- Organized a visiting speaker, Department of Philosophy and Classics, Campion College, University of Regina, November 2009
- Lead a graduate student reading group in contemporary philosophy of mind at TAMU, 2009. Text: Martin, C.B. *The Mind in Nature* (Oxford, 2008).
- Referee for Canadian Philosophical Association, 2008
- Organizer, Symposium on Ancient and Medieval Logic, Canadian Philosophical Association 2004
- Referee for Graduate Student Philosophy of Mind Conference, University of Western Ontario 2001, 2003
- Voting Member, Senate Review Board Academic (SRBA), University of Western Ontario, May 2000 - August 2003. (The SRBA is the final appeals board for all issues pertaining to academic misconduct. As a voting member, I was on the appeals board hearing and adjudicating cases.)
- Graduate Student Representative to the Department of Philosophy, University of Calgary. 1993-1995.
- Speakers Committee. Department of Philosophy, University of Calgary, 1994-1995
- Correspondent for the Society of Undergraduate Philosophy, University of Calgary, 1992-1993

### Other Activities

- Team Captain, "Running with an Idea: The Department of Philosophy," Labatt 24-Hr Relay in Support of *London Health Science Centre*, 2004 and 2005.
- Organized a 1999 black-tie wine tasting with live jazz music fund raiser. Monies went towards an endowment fund for *The SHARP Foundation* (Society Housing AIDS/HIV Restricted Persons).
- Volunteer (working with clients, taking them through cognitive and physiological rehabilitation programmes), *Association for the Rehabilitation of the Brain Injured*, Calgary, 1995.
- Team Captain, "Bob" Easter Seals 24-Hr Relay in Support of *Camp Horizon* (a summer camp for kids with disabilities), Calgary, 1992-1997.

### Referees

Dr. Robin Smith, Professor  
(Post Doc/Visiting Scholar – Supervisor)

Texas A&M University  
(979) 845-5679  
rasmith@tamu.edu

Dr. John Thorp, Asso. Professor  
(PhD - Supervisor)

University of Western Ontario  
(519) 661-2111, ext. 85767  
jthorp@uwo.ca

Dr. Joseph Novak, Asso. Professor  
(PhD - External Examiner)

University of Waterloo  
(519) 888-4567, ext. 32963  
jnovak@uwaterloo.ca

Dr. Tomas M. Lennon, Professor

University of Western Ontario  
(519) 661-2111, ext. 85751  
tlennon@uwo.ca