

Institutional Background

SUNY at Buffalo (2000-present) (PhD expected Spring 2004)

Department of Philosophy

Advisor: Barry Smith

IGERT Program

Pennsylvania State University (1998-2000)

BA Mathematics BA Philosophy

Millersville University (1995-1998)

Representative Graduate-level Courses

Advanced Database Theory (in progress)

Formal Ontology

Advanced Knowledge Representation

Philosophy of Mind

Religion, Revolution, Terrorism, and War

GeoSpatial Ontology

Topics in Cognition and Ontology

Foundations of Mathematics I, II

Mathematical Logic

Jan Chomicki

Barry Smith

Stuart C. Shapiro

Randall Dipert

Barry Smith

Roberto Casati, Barry Smith

Roberto Casati

Steve Simpson (PSU)

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Written Works (unpublished)

2002 'An Ontologist's Interface for Knowledge Representation and Reasoning Systems'

2002 'A Durational Account of Time'

2002 'Conflict Theory'

2002 'Institutions and Capital'

2002 'Belief and Knowledge'

2001 'Mathematics and Geographic Information Science'

2001 'A Philosophical Problem in Database Theory'

2001 'Space, Place, Objects, and Locations' (co-authored with John Rock)

1999 'Analytic Methods of Descartes and Leibniz'

1999 'Ukrainian Folk Philosophy'

1999 'Art as a Mode of Perception'

Teaching

Introduction to Philosophy (PHI 101)

Spring 2003

35 students, no supervision

Areas of Competence

Logic:

Predicate Calculus, Computability Theory

Philosophy of Mathematics:

Ontology, Foundations, Nominalism

Formal Ontology:

Mereology, Representation

Geographic Information:

Spatial Databases, Geographic Information Science

Areas of Interest

Husserlian Philosophy: Logical Investigations, Formal and Transcendental Logic

Early Analytic Thought: Twardowski, Brentano, Frege, Bolzano, Russell

Logic: Mereology, Leśniewskian Systems, Applied Logic, Intelligence Networks

Lwow-Warsaw School: Leśniewski, Kotarbiński, Tarski

Information Science: Geographic Information, Expert Systems, Philosophy of Information

Presentations

- 2001 “Parts, Places, Locations” given with John Rock and Lowell Vizenor at FOIS 2001 (Ogunquit, Maine)
- 2001 “Cognitive Science and a Theory of Partitions” given at the Catholic University of Lublin Methodology of Science Seminar (Lublin, Poland)
- 2001 “Reverse Mathematics and Leśniewski’s Protothetics” given at Mikoli Kopernikus University Logic Seminar (Torun, Poland)
- 2001 “An Introduction to Cognitive Partition Theory” given at Mikoli Kopernikus University Logic Seminar (Torun, Poland)
- 2000 “Creative Definitions in Leśniewski's Protothetic” given at the PSU Logic Seminar
- 2000 “Polish Philosophy and the Departure from Colloquial Language” given at the PSU Philosophy Club
- 1999 “Phenomenology and the Philosophy of Mathematics” given at the PSU Philosophy Club

Academic Accomplishments

- 2002 Kosciuszko Foundation Tuition Scholarship
- 2001-04 NSF-Funded Fellowship for Graduate Study at SUNY Buffalo in Geographic Information Science
- 2001 Kosciuszko Foundation Tuition Scholarship
- 2000-01 Fulbright Student Award for Study at the University of Warsaw
- 2000 Tomaszkieviz-Florio Scholarship for Summer Language Study at the Jagiellonian University
- 1999 Class of 1934 Scholarship

Non-Academic Accomplishments

- 2000 Penn State Library Recognition Award: 1000 hours worked as student employee
- 1997 Gold Medal: Men's Sparring, Advanced Division: PA Outdoor Tournament
- 1995-7 Assistant Instructor: Yang Style Taijiquan
- 1995 Bronze Medal: Men's Sparring, Intermediate Division: WKA East Coast Tournament

Activities

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|------------------------------|----------------------------------|
| 4 years Yang Style Taijiquan | 2 years Russian Cambo |
| 3 years Steel Fist | 2 years Sykan-Ryu JuJitsu |
| 3 years Shaolin Gong Fu | 1 year Tae Kwon Do |
| 3 years American Karate | 2 years Intramural Street Hockey |
| 2 years Shotokan Karate | 2 years PSU Philosophy Club |

Present Research

- Building Ontology Systems from Incomplete Information (tentative Dissertation Topic)
- Formal Ontology and Medical Information Systems (<http://www.ifomis.de>)
- Geographic Analysis and Unconventional Warfare
- Extensibility in Ontology Systems
- Ontological Research with Knowledge Representation and Reasoning Systems