

## Robert S. Stufflebeam, Ph.D.

Department of History and Philosophy  
University of New Orleans  
New Orleans, LA 70148-2330

Email: [rstuffle@uno.edu](mailto:rstuffle@uno.edu) | [rob.stufflebeam@mac.com](mailto:rob.stufflebeam@mac.com)

Homepage: <http://fs.uno.edu/rstuffle/>

Phone: Office: 504.280.7473 | Mobile: 504.296.1122

---

## Background

### Education

Ph.D. (1997), Philosophy, Washington University, Philosophy-Neuroscience-Psychology (PNP) Program  
A.M. (1994), Philosophy, Washington University  
B.A. (1992), Philosophy, George Mason University, *summa cum laude*

### Experience

#### *Philosophy Program Coordinator*

#### *Online Degree Coordinator*

2016 - present                      Dept. of History and Philosophy      University of New Orleans

#### *Online Degree Coordinator*

2012 - 2016                      Dept. of Philosophy                      University of New Orleans

#### *Chair*

2011 - 2016                      Dept. of Philosophy                      University of New Orleans

#### *Associate Professor*

2009 - present                      Dept. of Philosophy                      University of New Orleans

#### *Assistant Professor*

2001 - 2009                      Dept. of Philosophy                      University of New Orleans

1998 - 2001                      Dept. of Philosophy                      Illinois State University

#### *Assistant Director & Curriculum Editor*

2001 - 2010                      ***The Mind Project***

#### *Visiting Assistant Professor*

1997 - 1998                      Dept. of Philosophy and Religion      University of Tulsa

#### *McDonnell Fellow*

1996-1997/1994-1995              PNP Program                      Washington University

#### *Instructor (part time)*

1993 - 1996                      University College                      Washington University  
Summer 1996                      Dept. of Philosophy                      St. Louis Community College

#### *Teaching Assistant*

1995 - 1996 / 1993 - 1994      Dept. of Philosophy                      Washington University

#### *Research Assistant*

Spring 1993                      Dept. of Philosophy                      Washington University

---

## Scholarly and Creative Productivity

### 1. Publications

#### A. Books

##### a. Scholarly books

- 2001: Philosophy and the neurosciences: A reader. Oxford: Blackwell; with W. Bechtel, P. Mandik, & J. Mundale (Eds.).
- 1997: *To work at the foundations: Essays in memory of Aron Gurwitsch*. Dordrecht: Kluwer; with J. C. Evans (Eds.).

##### b. Textbooks

#### B. Refereed/Invited Publications

##### a. Book chapters

- 2017: Connectionist networks. In V. Zeigler-Hill and T. K. Shackelford (Eds.), *Encyclopedia of personality and individual differences* (pp. [in production]). New York: Springer.
- 2001: Brain matters: A case against representations in the brain. In W. Bechtel, P. Mandik, J. Mundale, & R. Stufflebeam (Eds.), *Philosophy and the neurosciences: A reader* (pp. 395-413). Oxford: Blackwell.
- 2001: Epistemic issues in procuring evidence about the brain: The importance of research instruments and techniques. In W. Bechtel et al. (Eds.), *Philosophy and the neurosciences: A reader* (pp. 55-81). Oxford: Blackwell; with W. Bechtel.
- 1998: Representation and computation. In W. Bechtel & G. Graham (Eds.), *A companion to cognitive science* (pp. 636-648). Oxford: Blackwell.
- 1997: Computation without representation: Nonsymbolic-analog processing. In M. Gams, M. Paprzycki & X. Wu (Eds.), *Mind versus computer: Were Dreyfus and Winograd right?* (pp. 171-189). Frontiers in artificial intelligence and applications (Vol. 43). Amsterdam: IOS Press.
- 1996: Behavior, biology, and the brain. In L. May, R. Strikwerda, & P. Hopkins (Eds.), *Rethinking masculinity: Philosophical explorations in light of feminism* (pp. 21-41). 2<sup>nd</sup> ed. Lanham, MD: Rowman & Littlefield.

##### b. Journal articles

- 2000: Some uses of technology to teach and to assess deductive reasoning. *APA Newsletter on Philosophy and Computers*, **100** (1): 12-17.
- 1997: PET: Exploring the myth and the method. *Philosophy of Science*, **64** (Proceedings): S95-S106; with W. Bechtel.
- 1997: Why computation need not be traded only for internal representation (commentary). *Behavioral and Brain Sciences*, **20** (1): 80-81.
- 1996: Curbing factions in a pluralistic society: Lessons from a dead president. *Philosophical Writings*, **1** (2): 53-66.

- 1996: Doing without concepts: An interpretation of C. I. Lewis' action-oriented foundationalism. **Sorites**, 6: 4-20.
- 1995: Locke and the role of 'awareness' in idea-making. **The Locke Newsletter**, 26: 29-47.
- 1995: Representations, explanations, and PDP: Is representation-talk really necessary? **Informatica**, 19 (4): 599-613.

**c. Refereed monographs (N/A)**

**d. Refereed proceedings**

- 1998: What makes something a (digital) computer? Why not just any computational interpretation is sufficient. **Proceedings of the 20<sup>th</sup> World Congress of Philosophy**: At URL <http://web.bu.edu/WCP/Papers/Cogn/CognStuf.htm>
- 1996: Using PET toward a naturalized model of human language processing. In M. Gasser (Ed.), **Online Proceedings of the 1996 Midwest Artificial Intelligence and Cognitive Science Conference**. At URL <http://www.cs.indiana.edu/event/maics96/proceedings.html>.
- 1995: Are there distributed representations in distributed representation? In M. Evans (Ed.), **Proceedings of the Midwest Artificial Intelligence & Cognitive Science Society Conference**: 12-16.

**C. Other Publications**

**a. Non-refereed academic journal articles (N/A)**

**b. Others**

- 2017: Abstract: Using iTunes U to deliver quality online courses to students around the world for free. **Proceedings of the 2017 World Conference on Online Learning**.
- 2008: Introduction to the scientific method. **The Mind Project**.
- 2008: Article: Neurons, synapses, action potentials, and neurotransmission. **The Mind Project**.
- 2008: Article: Virtual neuroscience lab #1: Cocaine study. **The Mind Project**.
- 2006: Article: Connectionism: An introduction. **The Mind Project**.
- 2006: Article: Introduction to the methods used to study perception. **The Mind Project**.
- 2006: Article: Perception: An introduction. **The Mind Project**.
- 2005: Article: ANTS: Autonomous Nanotechnological Swarm. **The Mind Project**. With M. L. Rilee.
- 2005: Article: Introduction to intelligent agents. **The Mind Project**. With F. Mills.
- 2004: Abstract: The Mind Project<sup>®</sup>'s Virtual Neuroscience Lab and Interactive Models of Neurotransmission. **Proceedings of the 2004 Society for Neuroscience Conference**.
- 2004: Abstract: The Mind Project: A Student-Faculty Research and Curriculum Project in the Cognitive and Learning Sciences. **American Association for the Advancement of Science, Proceedings of the National Science Foundation CCLI Workshop**: 313.
- 1996: Review: Adam Drozdek, The moral dimension of man in the age of computers. **Canadian Philosophical Reviews**, 16 (2): 97-98.

- 1996: Review: Origins of neuroscience, by Stanley Finger. **Philosophical Psychology**, 9 (4): 545-549.
- 1996: Abstract: Computation and the myth of internal representation: A non-representational view of vision. **Journal of Consciousness Studies: Consciousness research abstracts**: 58-59.
- 1996: Abstract: Computation matters: An analog view of vision. **Proceedings of the 18<sup>th</sup> Annual Conference of the Cognitive Science Society**: 851.
- 1995: Abstract: The brain, language, and PET: Revealing constraints on a naturalized model of language processing. **10<sup>th</sup> International Congress of Logic, Methodology, and Philosophy of Science**, Florence, Italy: Volume of abstracts: 556.

## 2. Items Accepted for Publication But Not Yet Published

- (2018): **Introduction to logic**. (Comprehensive logic textbook.) iBooks.
- (2018): **Problems of Philosophy by Bertrand Russell**. iBooks.

## 3. Artistic or Other Creative Contributions

- 2013: Video tutorials delivered through iTunes U
- Tutorial on how to access iTunes U courses from an iPhone/iPod
  - Tutorial on how to access iTunes U courses from an iPad
  - Tutorial on how to access iTunes U courses using the iTunes application on a Mac or PC
- 2013: Webinar delivered via Moodle: How to create an iTunes U course
- 2010: Modified interactive Flash exercises for **Sage Publications** to supplement R. Garrett's, **Brain and Behavior**. 3<sup>rd</sup> ed. Thousand Oaks, CA: Sage Publications:
- Transmission at the synapse
  - The spinal cord
  - Visual detection of edges
- 2009: Interactive Flash lessons for **The Mind Project**:
- Virtual Parkinson's disease lab
  - Passive Stabilization Simulation
- 2008: Interactive Flash lessons for **The Mind Project**:
- Virtual neuroscience lab #1: Cocaine study
  - The action potential
  - "Classic" chemical neurotransmission (v. 3.1)
  - Searle's robot reply to the Chinese room thought experiment (v. 1.3, v. 2.3, v. 3.3, v. 4.3, & v. 5.3)
- 2008: Interactive Flash exercises for **Sage Publications** to supplement R. Garrett's, **Brain and Behavior**. 2<sup>nd</sup> ed. Thousand Oaks, CA: Sage Publications (<http://homepage.mac.com/rob.stufflebeam/Sage/>):
- The neural impulse
  - Transmission at the synapse
  - Spatial and temporal summation
  - The spinal cord
  - Hunger, satiation, and the regulation of fat reserves
  - Place analysis of auditory frequency

- Sound localization
  - The Wernicke-Geschwind model of language
  - Visual projections to the cortex
  - Visual detection of edges
  - Associative long-term potentiation
  - Glutamate's role in LTP
  - Brain mechanisms of sleep and arousal
- 2006: Flash animations for **Consciousness: The movie**.
- 2006: Interactive Flash lessons for **The Mind Project**:
- Searle's robot reply to the Chinese room thought experiment (v. 1.0, v. 2.0, v. 3.0, v. 4.0, & v. 5.0)
  - Introduction to synapses
  - Electrical neurotransmission
  - Neurotransmission: Summary
  - Neural synchrony
- 2006: Interactive Flash exercises for **Thompson Learning** to supplement J. Kalat's, **Biological psychology**. 9<sup>th</sup> ed. Belmont, CA: Wadsworth (<http://homepage.mac.com/rob.stufflebeam/Kalat/>):
- Hemisphere control
  - Binocular rivalry
  - Possible failure of binding
  - Visuo-motor control
- 2004: Interactive Flash lessons for **The Mind Project**:
- Virtual Neuroscience Lab v.1.0
  - Long-term potentiation
  - The Mind Project (flash) mind reader
- 2004: Interactive Flash exercises for **Thompson Learning** to supplement J. Kalat's, **Introduction to psychology**. 7<sup>th</sup> ed. Belmont, CA: Wadsworth:
- Stop signal task
  - Change blindness
  - McGurk effect
  - Psychic phenomenon
  - Matching high school photos
  - After image
  - Overconfidence
  - Framing questions
  - Universal emotions
- 2003: Interactive Flash exercises for **Thompson Learning** to supplement J. Kalat's, **Biological psychology**. 8<sup>th</sup> ed. Belmont, CA: Wadsworth:
- Genetic generations
  - Illustration of binding
  - Color blindness in visual periphery
  - LTP (long-term potentiation)
  - Hemisphere control

2002: Interactive Flash exercises for **Thompson Learning** to supplement J. Kalat's, **Introduction to psychology**. 6<sup>th</sup> ed. Belmont, CA: Wadsworth:

- Motion aftereffect
- Brightness contrast
- Filling in the blind spot
- The Sperling effect
- The Peterson & Peterson experiment
- Deese memory distortion
- Muller-Lyer illusion
- Implicit memories
- Word superiority effect
- Emotional Stroop test

#### **4. Participation at Professional Meetings**

- 2017: **Using iTunes U to deliver quality online courses to students around the world for free.**  
*2017 World Conference on Online Learning, Toronto, CA (Oct. 18).*
- 2013: **Meshing Moodle: Using Moodle with compatible technologies to create streamlined, media-rich courses** (workshop with Elizabeth Blankenship).  
*2013 Moodle Moot, New Orleans, LA (Nov. 5).*
- 2013: **Philosophy of Language** (session chair).  
*Central Division Meeting of the American Philosophical Association, New Orleans, LA (Feb. 21).*
- 2006: **Teaching courses on the nature of persons using AI software, television & films, immersive virtual science labs, robots (on-video, virtual, and real), and more** (workshop with David Anderson).  
*2006 American Association of Philosophy Teachers, Washington, PA (Aug. 2-6).*
- 2006: **The Mind Project Learning Community** (workshop with David Anderson).  
*2006 American Association of Philosophy Teachers, Washington, PA (Aug. 2-6).*
- 2004: **The Mind Project: A Student-Faculty Research and Curriculum Project in the Cognitive and Learning Sciences** (poster presentation with David Anderson).  
*National Science Foundation CCLI Workshop, Washington, D.C. (Apr. 16-18).*
- 2001: **PET data** (commentary on John Bickle's "Empirical evidence for a narrative concept of self").  
*Mid-South Philosophy Conference, The University of Memphis (Feb. 23-24).*
- 2000: **Dynamical consciousness** (commentary on Natika Newton's "Dynamical systems as an approach to consciousness and emotion: How do I know how I feel?").  
*Mid-South Philosophy Conference, The University of Memphis (Feb. 25-26).*
- 1998: **What makes something a (digital) computer? Why not just any computational interpretation is sufficient.**  
*20<sup>th</sup> World Congress of Philosophy, Boston, MA (Aug. 10-16).*
- 1998: **Is the mind more like a water clock than a PC? In defense of analog computers.**  
*Southern Society for Philosophy and Psychology, New Orleans, LA (Apr. 9-11).*
- 1998: Session Chair, *Southern Society for Philosophy and Psychology, New Orleans, LA (Apr. 1998).*
- 1997: **Do explanations of computational systems require positing internal representations?**  
*Southern Society for Philosophy and Psychology, Atlanta, GA (Mar. 27-29).*

- 1996: **PET: Exploring the myth and the method** [co-authored with W. Bechtel].  
*Philosophy of Science Association*, Cleveland, OH (Nov. 1-3).
- 1996: **Using PET toward a naturalized model of human language processing.**  
*7<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Indiana University (Apr. 26-28).
- 1996: **Behavior, biology, and the brain.**  
*Southern Society for Philosophy and Psychology*, Nashville, TN (Apr. 4-6); Mary Ann Carroll, commentator.
- 1995: **The brain, language, and PET: Revealing constraints on a naturalized model of language processing.**  
*10<sup>th</sup> International Congress of Logic, Methodology and Philosophy of Science*, Florence, Italy (Aug. 19-25).
- 1995: **Are there distributed representations in distributed representation?**  
*6<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Carbondale, IL (Apr. 21-23).
- 1995: **Whither distributed representations?**  
*Southern Society for Philosophy and Psychology*, Virginia Beach (Apr. 13-15).
- 1995: **Whither distributed representations?**  
*Mid-South Philosophy Conference*, The University of Memphis (Feb. 24-25); Norman Gall, commentator.
- 1994: **Self-esteem, student-centrism, and inclusion** [co-authored with R. Broach].  
*4<sup>th</sup> Annual Conference of the Institute for the Study of Postsecondary Pedagogy*, SUNY, New Paltz (Nov. 9-11).
- 1994: **Quine on truth and the limits of revisability.**  
*Central States Philosophical Association*, Vanderbilt University (Oct. 28-29); Paul Roth, commentator.
- 1994: **Quine on truth and the limits of revisability.**  
*16<sup>th</sup> Annual Graduate Philosophy Conference*, University of Illinois, Urbana-Champaign (Apr. 8-9); Paul Saka, respondent.
- 1994: **Quine on truth and the limits of revisability.**  
*Graduate Student Conference*, Saint Louis University (Mar. 26).
- 1994: **Quine on truth and the limits of revisability.**  
*Mid-South Philosophy Conference*, Memphis State Univ. (Feb. 25-26); Jim Shelton, commentator.
- 1993: **Does Locke claim that 'awareness by the self' is necessary for an idea to be an idea?**  
*Central States Philosophical Association*, University of Missouri-Rolla (Oct. 15-16); David Soles, commentator.
- 1993: **Does Locke claim that 'awareness by the self' is necessary for an idea to be an idea?**  
*National Graduate Student Conference*, Washington University (Oct. 22-24); Robert Hatcher, commentator.

## 5. Other Scholarly or Creative Activities

### A. Service in role of discussant, critic, reviewer for professional meeting or publications

Reviewer, *Minds and Machines*

Reviewer, *American Philosophical Association Central Division Meeting* (Feb. 2013)

Reviewer, *Cognitive Science Society Conference* (CogSci 2001), Edinburgh, Scotland (Aug. 2001).  
Reviewer, *Cognitive Science Society Conference* (CogSci 2000), Philadelphia, PA (Aug. 2000).  
Reviewer, *Cognitive Science Society Conference* (CogSci 1999), Vancouver, British Columbia (Aug. 1999).  
Reviewer, National Science Foundation  
Reviewer, *Philosophical Psychology*  
Reviewer, Oxford University Press  
Reviewer, Prentice Hall Press

**B. Service in role of officer of professional organization, program committee member, session organizer for professional meeting**

Organizer, *2008 Meeting of the Consortium on Cognitive Science Instruction*, Washington D.C. (Jul. 2008).  
Program Committee, *2008 Midwest Artificial Intelligence and Cognitive Science Conf.*, U of Cincinnati (Apr. 2008).  
Program Committee, *2007 Midwest Artificial Intelligence and Cognitive Science Conf.*, DePaul U (Apr. 2007).  
Program Committee, *2006 Midwest Artificial Intelligence and Cognitive Science Conf.*, Valparaiso U (Apr. 2006).  
Program Committee, *2005 Midwest Artificial Intelligence and Cognitive Science Conf.*, U of Dayton (Apr. 2005).  
Program Committee, *2004 Midwest Artificial Intelligence and Cognitive Science Conf.*, Roosevelt U (Apr. 2004).  
Program Committee, *2003 Midwest Artificial Intelligence and Cognitive Science Conf.*, U of Cincinnati (Apr. 2003).  
Program Committee, *2002 Midwest Artificial Intelligence and Cognitive Science Conf.*, Chicago, IL (Mar. 2002).  
Program Committee, *1998 Midwest Artificial Intelligence and Cognitive Science Conf.*, Wright State U (Mar. 1998).  
Organized a symposium on neuroimaging technology, *Philosophy of Science Association*, Cleveland (Nov. 1996).  
Organizer, *Mind and Morals Conference*, Washington University (Apr. 1994).  
Co-director, *1994 National Graduate Student Conference*, Washington University (Oct. 1994).

**C. General editorship of journal, monograph series, book series (N/A)**

**D. Professional society membership**

American Association of Philosophy Teachers  
American Philosophical Association  
Behavioral and Brain Sciences Associate  
Central States Philosophical Association  
Cognitive Science Society  
Philosophy of Science Association  
Southern Society for Philosophy and Psychology

**6. Awards, Lectureships, or Prizes**

Faculty summer research award (2003)  
Curriculum Development Stipend for The Mind Project (Summer 2000)  
Curriculum Development Stipend for IDS 265: Minds, Brains, Computers, and Robots (Summer 2000)  
Quantitative Reasoning Workshop Stipend (Summer 2000)  
McDonnell Fellowship (1996 - 1997, 1994 - 1995)  
*Summa cum laude*: B.A. — 4.0 overall GPA (1992)  
Outstanding Graduating Senior, George Mason University (1992)  
Honor Graduate, Staff Noncommissioned Officer Academy, El Toro, CA (1986)  
Marine Corps Institute Graduate of the Year (1984)  
Honor Graduate, Marine Security Guard School, Quantico, VA (1982)



## 7. Grants and Contracts

### A. Grants and contracts received

#### a. Primary investigator

2006 – 2010 NIH-SEP (National Institutes of Health — Science Education Partnership) Award #1R25RR020425-01A1 (**\$1.35M**): *The Mind Project's Cutting Edge Health Science Initiative*.

2002 – 2006 NSF-CCLI (National Science Foundation — Course, Curriculum, Lab Improvement) Award #0127561 (**\$553,228**): *The Mind Project Online Curriculum and Archive for the Cognitive & Learning Sciences*.

#### b. Not primary investigator

2000 – 2001 Participant, NSF-CCLI (National Science Foundation—Course, Curriculum, Lab Improvement) Award #9981217 (**\$79,999**): *The Mind Project Curriculum in the Cognitive & Learning Sciences*.

## 8. Thesis/Dissertation Committee Service

The Philosophy Department does not have a graduate program, but I have directed a number of senior theses.

## 9. Major Areas of Creative or Research Interest

**Areas of Specialization:** Philosophy of Mind/Cognitive Science, Philosophy of Science, and Logic

**Areas of Competence:** Ethics, History of Phil., Phil. of Language, Metaphysics, Epistemology, Aesthetics

## 10. Other Professional Accomplishments

### A. Manuscripts under submission (N/A)

### B. Course/Program design and development

<i>Upper-level Courses Taught</i>	<i>Multiple sections</i>	<i>Gen-Ed</i>	<i>Interdisciplinary</i>	<i>Online</i>	<i>Taught abroad</i>
Metaphysics	✓			✓	
Philosophical Psychology	✓		✓		
Philosophy and Artificial Intelligence			✓		
Philosophy of the Natural Sciences	✓			✓	
Advanced Logic	✓				
British Empiricists and 18 <sup>th</sup> -Century Philosophy					
Analytic Philosophy	✓				
Philosophy of Art	✓				
<i>Lower-level Courses Taught</i>					
Visions of the Self: A Study of Minds and Persons	✓	✓	✓		
Language, Logic, and Mathematics	✓	✓			
Minds, Brains, and Programs		✓	✓		
From Socrates to Sartre: Ideas that Shaped Our World		✓			
Basic Issues in Philosophy: Minds, Matter, and Morals	✓				
Methods of Science			✓		
Philosophy of Mind	✓		✓	✓	
Philosophy of Language	✓				
Intro. to Logic (or Intro. to Logic and Critical Analysis)	✓	✓		✓	

	Multiple sections	Gen-Ed	Interdisciplinary	Online	Taught abroad
Reasoning	✓				
Moral and Social Values	✓				
Intro. to Philosophy	✓	✓		✓	✓
Philosophical Classics					
Ethics	✓	✓		✓	✓
Intro. to Philosophy of Science					
Intro. to the Philosophy of Religion					
Intro. to Metaphysics and Epistemology					

#### Courses Assisted

Intro. to Philosophy of Cognitive Science (TA for Andy Clark)

Philosophy of Science (TA for Joe Ullian)

Intro. to Logic and Critical Analysis (TA for Robert Barrett)

Present Moral Problems (TA for Pauline Kleingeld)

### Online teaching

- As Chair, created the first online B.A. program at UNO.
- Created 6 online courses delivered through both iTunes U and Panopto + Moodle.
- My *Philosophy of Mind* and *Introduction to Philosophy* have remained the #1 and #5 “Standout” philosophy courses delivered via iTunes U from June 2013 – Present.
- Averaging half of the daily “Top 10” courses in philosophy delivered through iTunes U, UNO philosophy courses have been more popular than such courses delivered by any university in the world from June 2013 – Present.
- Created a webinar for how to create an iTunes U course.
- Created 3 video tutorials on how to access an iTunes U course.

### Instructional technology and instruction

- Use *Moodle* for all my courses so students can access course information, study questions, assignment guidelines, essay topics, readings, lecture notes, grades, online discussions, etc.
- Teach all my courses using computer-mediated instruction (computer + projector).
- Presented at and participated in a host of instructional technology workshops.
- Contributed an article to the *APA Newsletter on Philosophy and Computers* outlining how I use instructional technology to teach symbolic logic, manage the grade book, and assess student performance.
- Given numerous presentations on the use of instructional technology and the internet in delivering both face-to-face and online courses.

### Curriculum development

#### Cognitive Science

- See **The Mind Project** below.
- Created PHIL 4460: Philosophy of Cognitive Science: Computers, Minds, Brains, and Robots.
- Created **16** Flash animations to supplement Robert Garrett’s *Brain and Behavior* (2<sup>nd</sup> – 3<sup>rd</sup> eds.). Sage Publications.
- Created **27** online psychological experiments using Flash to supplement James Kalat’s *Introduction to Psychology* (6<sup>th</sup>-7<sup>th</sup> eds.) and *Biological Psychology* (8<sup>th</sup>-9<sup>th</sup> eds.), both published by Wadsworth.
- At ISU, was central member of the committee from the Council of Cognitive Science that developed the team-taught interdisciplinary gen-ed course: IDS 265/Minds, Brains, Computers, and Robots: An

Introduction to Cognitive Science. The committee included faculty from psychology, computer science, biology, linguistics, and philosophy (Summer 2000).

- Co-editor and contributor to *Philosophy and the Neurosciences* (Blackwell, 2001), a reader for an upper-level course in philosophy of neuroscience.

### Logic

- Wrote a comprehensive logic textbook covering informal logic, classical logic, sentential logic, and predicate logic (iBooks).
- Created an online version of *Introduction to logic* using my textbook. Created 24 multimedia lectures, 17 online quizzes, and 3 online exams delivered through Moodle to supplement my textbook.
- Consultant and software developer for Wadsworth's online course management and assessment software that supports logic textbooks.
- At ISU, created and implemented a new symbolic logic curriculum for a gen-ed course in deductive reasoning (PHI 112: Language, Logic, and Mathematics) that covers informal logic, sentential logic, and predicate logic. The emphasis is upon constructing proofs in prose.
- Presenter and participant in the Middle Core Quantitative Reasoning Workshop, ISU (May 2000).

### The Mind Project

**The Mind Project** ([www.mind.ilstu.edu](http://www.mind.ilstu.edu)) is a web-based interdisciplinary curriculum in cognitive science (primarily for undergraduates). The emphasis is upon interdisciplinary content modules, active learning and assessment, interactive presentation of content, and online experiments. Through the support of the **National Science Foundation (NSF)**, the **National Institutes of Health (NIH)**, **The MIT Press**, and other sponsors, the curriculum was developed by cognitive science faculty across the country and used by hundreds of thousands of students across the world.

- PI on NIH-SEP Award #1R25RR020425-01A1 (*The Mind Project's Cutting Edge Health Science Initiative*).
- PI on NSF-CCLI Award #0127561 (*The Mind Project's Online Curriculum and Archive for the Cognitive and Learning Sciences*).
- Comparison of Google search results for some of my online curriculum between **5/16/2014** and **6/12/2017**:

Google search term	Webpages in English	Google Ranking 5/16/2014	Webpages in English	Google Ranking 6/12/2017
robot reply	123,000,000	#1	4,820,000	#1
chemical neurotransmission	694,000	#1	551,000	#1
neural synchrony	525,000	#2	522,000	#1
introduction to perception	71,000,000	#2	117,000,000	#1
electrical neurotransmission	372,000	#2	445,000	#2
neurons	8,000,000	#16	38,500,000	#2
neurotransmission	707,000	#3	2,060,000	#3
synapses	4,870,000	#4	11,900,000	#3
Autonomous Nanotechnology Swarm	3,060,000	#5	806,000	#3
connectionism	269,000	#5	348,000	#4
action potential	291,000,000	#29	42,300,000	#4

- Curriculum editor for **The Mind Project** from 2001-2010.

- Through NSF-CCLI Award #9981217 (*The Mind Curriculum Project in the Cognitive and Learning Sciences*), member of a 5 faculty team (from psychology, mathematics, computer science, and philosophy) that created and piloted the perception curriculum module.
- Created content pages (many with interactive Flash components) on a host of topics, including:
  - ❑ Searle's Chinese room thought experiment and robot replies
  - ❑ the nature of computation, functions, computers, digital computers, analog computers
  - ❑ connectionism, artificial neural networks, nonsymbolic processing, dynamical systems
  - ❑ neurons, action potentials, neurotransmission, neural synchrony, brain organization, perception, vision
  - ❑ scientific method, neuroscientific methods, PET
  - ❑ finished the enhanced 1.0 version of my virtual neuroscience lab using Flash (cocaine study)
  - ❑ developing 4 new neuroscience labs as part of the new NIH grant and the study of Parkinson's Disease

## **D. Academic service**

### **a. On-campus (as administrator, committee member, etc.)**

#### *University of New Orleans*

- 2017 – present: UNO Faculty Senate, Academic Affairs Committee
- 2017 – present: UNO Faculty Senate
- 2016 – present: Associate Chair, Department of History and Philosophy
- 2013 – present: Coordinator of online B.A. program in Philosophy
- Fall 2013: Search committee, Director of online programs for Global UNO
- 2012 – present: iTunes U Site Manager for UNO
- 2012 – 2016: COLA representative to UNO Faculty Senate Distance Learning Committee
- 2012 – 2016: UNO Distance Learning Task Force
- 2011 – 2016: Chair, Department of Philosophy
- 2001 – 2005: College of Liberal Arts Technology Committee
- 2001 – 2014: Faculty advisor, UNO Philosophy Club
- 2001 – present: Philosophy Webmaster

#### *Illinois State University*

- University Council of Cognitive Science Faculty
- College of Arts and Sciences (CAS) Instructional Technology Support Team
- CAS Curriculum Development Committee for IDS 265: Minds, Brains, Computers, & Robots
- ad hoc* Departmental Instructional Technology Renovation Committee
- Departmental Liaison to the Laboratory for Integrated Learning and Technology
- Departmental Curriculum Development Committee for PHI 281: Modern Metaphysics and Epistemology
- Departmental Curriculum Development Committee for PHI 199: Philosophical Methods
- Departmental Curriculum Development Committee for PHI 112: Language, Logic, and Mathematics
- Faculty Advisor to ISU Student Philosophical Society (1998 – 2000)

#### *Washington University*

- Graduate School of Arts and Sciences Graduate Council (1993 - 1994)
- Graduate Student Senate (1993 - 1994)
- Chair, Rights & Responsibilities Committee, Graduate Student Senate (1993 - 1994)
- Departmental Admissions Committee (1995 - 1996)
- Departmental Committee on Committees (1994 - 1996)

## **b. Speaking engagements**

- 2017: **Turing machines, robots, and androids: On making real artificial people.**  
The University of Southern Mississippi, Philosophical Fridays Lectures (Nov. 10).
- 2017: **Saving Philosophy in LA through Technology**  
Logsdon and Mizell-Nelson Library Lecture Series, New Orleans Public Library (Apr. 12).
- 2016: **How to create an iTunes U course**  
Department of History (Mar. 9).
- 2013: **Asynchronous delivery of philosophy courses via iTunes U**  
Global UNO presentation to Latin American delegation (Nov. 21).
- 2013: **Asynchronous delivery of philosophy courses via iTunes U**  
Global UNO presentation to Iraqi delegation (Aug. 26).
- 2012: **Can a machine think?**  
Tulane University
- 2011: **Should a robot ever have rights?**  
UNO Honors Program Faculty Lectures (Oct. 15).
- 2006: **Should a robot ever have rights?**  
UNO Honors Program Faculty Lectures (Oct. 24).
- 2003: **Can a machine think?**  
UNO Honors Program Faculty Lectures (Apr. 1).
- 2001: In Feb. 2001, I took 8 students to an undergraduate philosophy conference at the University of Memphis; two ISU students presented papers.
- 2001: In Feb. 2000, I took 11 students to an undergraduate philosophy conference at the University of Memphis; two ISU students presented papers.
- 1999: **Computation and representation: The controversial foundations of cognitive science.**  
ISU Philosophical Society, Illinois State University (Apr. 15).
- 1999: In Mar. 1999, I took 4 students to an undergraduate philosophy conference at the University of Memphis; one ISU student presented a paper.
- 1998: **Using instructional technology.**  
Dept. of Philosophy, Illinois State University (Oct. 14).
- 1997: **What is philosophy?**  
Dept. of Philosophy and Religion, The University of Tulsa (May 28).
- 1997: **The Turing test.**  
Dept. of Philosophy, Albright College (May 7).
- 1997: **Analog computation matters.**  
Dept. of Philosophy, William Paterson College (Feb. 10).
- 1996: **What's wrong with representation-talk.**  
PNP Colloquium, Washington University (Dec. 5).

## **E. Other service**

- 2010 – 2012 Member, Board of Directors, New Orleans Yacht Club