

# LUIS H. FAVELA

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Curriculum Vitae: September 2017  
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## ACADEMIC APPOINTMENTS

University of Central Florida

- *Assistant Professor of Philosophy and Cognitive Sciences* (tenure-track). (2015-Present). Department of Philosophy
- *Core Faculty*. (2015-Present). Cognitive Sciences Program
- *Affiliated Faculty*. (2015-Present). Texts and Technology Ph.D. Program
- *Faculty*. (2015-Present). The Burnett Honors College
- *Graduate Faculty*. (2015-Present). College of Graduate Studies

University of Cincinnati

- *Instructor*. (2010-2014). Departments of Philosophy and Psychology
- *Graduate Assistant*. (2010-2015). Department of Philosophy

## Visiting Positions

Indiana University Bloomington

- *Visiting Researcher*. (2017, Summer). Olaf Sporns' Computational Cognitive Neuroscience Laboratory. Department of Psychological and Brain Sciences.

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## EDUCATION

Ph.D. (2015). University of Cincinnati, Philosophy and the Life Sciences

- Dissertation: *Understanding cognition via complexity science*
- Committee: Anthony Chemero (Director), Valerie Gray Hardcastle, Robert C. Richardson, Rick Dale (External)

M.A. (2014). University of Cincinnati, Experimental Psychology

- Thesis: *Walking through apertures: Assessing judgments obtained from multiple modalities*
- Committee: Michael A. Riley (Co-Director), Kevin Shockley (Co-Director), Anthony Chemero

M.A. (2012). University of Cincinnati, Philosophy and the Life Sciences

- Qualifying Exam: *Ethics*

M.A. (2009). San Diego State University, Philosophy

- Thesis: *Biological theories of consciousness: The search for experience*
- Committee: Mark R. Wheeler (Director), Robert Francescotti, Linda Gallo (External)

B.A. (2004). University of San Diego, English and Philosophy

### **Certificates**

*Interactive distributed learning for technology-mediated course delivery.* (2015). Faculty Center for Teaching and Learning, University of Central Florida.

*Preparing future faculty.* (2015). The Graduate School, University of Cincinnati.

*Nonlinear methods for psychological science.* (2012). Advanced Training Institute, American Psychological Association.

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## **RESEARCH INTERESTS**

### **Philosophical**

- *Areas of specialization:* Philosophy of cognitive sciences; philosophy of mind; philosophy of science
- *Areas of competence:* Buddhism; ethics (applied, neuroethics); history (early modern Western philosophy, existentialism, and pragmatism)

### **Empirical**

- *Dynamical systems modeling:* Decision-making; neural dynamics
- *Perception-action:* Affordance perception; sensory substitution and augmentation

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## **PUBLICATIONS**

### **Edited Volumes**

Guest Editor. (In Progress). Innovative dynamical approaches to cognitive systems. Special issue of *Cognitive Systems Research*.

### **Articles (Peer Reviewed, + Student Co-Author)**

Favela, L. H. (2017). Consciousness is (probably) still only in the brain, even though cognition is not. *Mind and Matter*, 15, 49-69.

Favela, L. H., & Martin, J. (2017). "Cognition" and dynamical cognitive science. *Minds and Machines*, 27, 331-355. doi:10.1007/s11023-016-9411-4

+ Neemeh, Z. A., & Favela, L. H. (2017). Beyond distributed cognition: Towards a taxonomy of nonreductive social cognition. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 2796-2801). London, UK: Cognitive Science Society.

- Favela, L. H., Coey, C. A., Griff, E. R., & Richardson, M. J. (2016). Fractal analysis reveals subclasses of neurons and suggests an explanation of their spontaneous activity. *Neuroscience Letters*, 626, 54-58. doi:10.1016/j.neulet.2016.05.017
- Favela, L. H., & Chemero, A. (2016). The animal-environment system. In Y. Coello & M. H. Fischer (Eds.), *Foundations of Embodied Cognition: Volume 1: Perceptual and Emotional Embodiment* (pp. 59-74). New York, NY: Routledge.
- van Rooij, M. M. J. W., & Favela, L. H. (2016). A nonlinear dynamical systems theory perspective on dual-processing accounts of decision-making under uncertainty. In A. Papafragou, D. Grodner, D. Mirman, & J. C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1673-1678). Austin, TX: Cognitive Science Society.
- + Moralez, L., & Favela, L. H. (2016). Thermodynamics and cognition: Towards a lawful explanation of the mind. In A. Papafragou, D. Grodner, D. Mirman, & J. C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 948-953). Austin, TX: Cognitive Science Society.
- Favela, L. H., & Chemero, A. (2016). An ecological account of visual “illusions.” *Florida Philosophical Review*, 16, 68-93.
- Favela, L. H. (2016). An introduction to radical embodied cognitive neuroscience. *Proceedings of A Body of Knowledge - Embodied Cognition and the Arts conference CTSA UCI 8-10 Dec 2016*. Irvine, CA.
- Favela, L. H. (2014). Radical embodied cognitive neuroscience: Addressing “grand challenges” of the mind sciences. *Frontiers in Human Neuroscience*, 8, 1-10. doi:10.3389/fnhum.2014.00796
- van Rooij, M. M. J. W., Favela, L. H., Malone, M. L., & Richardson, M. J. (2013). Modeling the dynamics of risky choice. *Ecological Psychology*, 25, 293-303. doi:10.1080/10407413.2013.810502
- van Rooij, M. M. J. W., Favela, L. H., Malone, M. L., & Richardson, M. J. (2013). A dynamical model of risky choice. In M. Knauff, M. Pauen, N. Sebanz, & I. Waschmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 1510-1515). Austin, TX: Cognitive Science Society.
- Commentaries (Peer Reviewed)**
- Favela, L. H. (2016). Commentary: Purves, Morgenstern, & Wojtach. (2015). Perception and reality: Why a wholly empirical paradigm is needed to understand vision. *Frontiers in Systems Neuroscience*, 10(77). doi:10.3389/fnsys.2016.00077
- Amon, M. J., & Favela, L. H. (2015). The complex experience of touching metallic, damp, and slimy things [A commentary and review of *The first sense: A philosophical study of human touch* by M. Fulkerson]. *Theory & Psychology*, 25, 543-545. doi:10.1177/0959354315576382

Favela, L. H., & Chemero, A. (2014). The value of affordances: Commentary on Barrett, The perception of religious meaning and value: An ecological approach. *Religion, Brain & Behavior*, 4, 147-149. doi:10.1080/2153599X.2013.816343

### **Reviews (Editor Reviewed)**

Favela, L. H. (2017). Review of Pragmatism as a way of life: The lasting legacy of William James and John Dewey by H. Putnam, R. A. Putnam, & D. Macarthur. *Choice Reviews*, 55(3). American Library Association.

Favela, L. H. (2016). Review of Model emergent dynamics in complex systems by A. J. Roberts. *Dynamical Systems Magazine*, July 2016. Available at <http://tinyurl.com/DSM-July2016>

Favela, L. H. (2016). Review of Discovering the human connectome by Olaf Sporns. *Philosophical Psychology*, 29, 153-156. doi:10.1080/09515089.2014.946595

Favela, L. H. (2014). Review of Networks: An introduction by M. E. J. Newman. *Dynamical Systems Magazine*, October 2014. Available at <http://tinyurl.com/DSM-October2014>

### **Manuscripts: Under Review (Drafts Available)**

Amon, M. J., Favela, L. H., & Costa, A. A. [Titled redacted] Paper on fractals and neural networks.

Favela, L. H., Amon, M. J., & van Rooij, M. M. J. W. [Title redacted] Paper on dual-processing accounts of reasoning.

Favela, L. H., Riley, M. A., Shockley, K., & Chemero, A. [Title redacted] Paper on experiment on affordance judgments and sensory substitution.

### **Manuscripts: In Preparation (Drafts Available)**

Favela, L. H. [Title redacted] Paper on embodiment and network neuroscience.

Favela, L. H. [Title redacted] Paper on methods for modeling cognitive systems.

Favela, L. H. [Title redacted] Paper on neuroscience and universality classes.

Favela, L. H., & Chemero, A. [Title redacted] Paper on explanatory pluralism.

### **Monograph: Proposal Stage**

Favela, L. H. *The self-organized mind*.

### **Non-Peer Reviewed Publications**

Favela, L. H. (2016). Being uncomfortable can be a good thing: Teaching interdisciplinary subjects to non-interdisciplinary students. *Faculty Focus*, 15(1), 16-17. Available at [www.fctl.ucf.edu/Publications/FacultyFocus/content/2016/2016\\_august.pdf](http://www.fctl.ucf.edu/Publications/FacultyFocus/content/2016/2016_august.pdf)

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## **FELLOWSHIPS**

Fellow. (2017, Summer). *Summer Seminars in Neuroscience and Philosophy*. Duke University.

Faculty Fellow. (2017, Spring). *Writing Across the Curriculum*. University of Central Florida.

## GRANTS

*Research Mentoring Opportunity* (with S. Fiore). (2017-2018). Office of Research & Commercialization. University of Central Florida. \$3,000.

*From the Armchair to the Office: Shedding Light on Our Students' Variety of Career Options* (with C. Ravela). (2017-2018). *What's Next*, Quality Enhancement Plan Program. University of Central Florida. \$3,500.

### *Teaching Development Grants*

- Course Innovation Project: Improving Student Learning Approaches. (2017, Fall). \$500, Faculty Center for Teaching and Learning, University of Central Florida.
- Course Development: Interdisciplinary Honors Seminar: *The Buddha's Brain: Buddhism and Cognitive Sciences in Dialogue*. (2016, Spring). \$1,000, The Burnett Honors College. University of Central Florida.
- Active Learning Course Innovation Program. (2016, Spring). \$500, Faculty Center for Teaching and Learning, University of Central Florida.
- Interactive Distributed Learning for Technology-Mediated Course Delivery. (2015, Fall). \$2,500, Faculty Center for Teaching and Learning, University of Central Florida.
- Course Development: Introduction to Philosophy. (2015, Summer). \$1,500, Department of Philosophy, University of Central Florida.

*Competitive Grant*. (2012). \$1,100, Symposium: Eric Schwitzgebel, University of California, Riverside. Graduate Student Governance Association, University of Cincinnati.

### Grants Under Review

Favela, L. H. (PI), & Fiore, S. M. (Co-PI). (~2018-2021). *Mind-machine-motor systems as embodied softly-assembled systems*. ~\$450,000. National Science Foundation: Mind, Machine, and Motor Nexus. Division of Civil, Mechanical and Manufacturing Innovation. [Submitted for review September 2017.]

## AWARDS and HONORS

*Undergraduate Research Mentor of the Year*. (2016-2017). University of Central Florida.

*Travel Awards*. (2012-2015). Numerous, ranging from \$100-\$1,300. Sources:

- San Diego State University: Department of Philosophy; Interdisciplinary/Cultural Studies Graduate Program
- Southern Society for Philosophy and Psychology (2015)

- University of Cincinnati: Charles Phelps Taft Research Center and Memorial Fund; Department of Biological Sciences; Department of Philosophy; Department of Psychology; Graduate Student Governance Association

*Taft Graduate Enrichment Award.* (2012). \$550, to attend the American Psychological Association's Advanced Training Institute: Nonlinear Methods for Psychological Science. Charles Phelps Taft Research Center and Memorial Fund.

*Award of Excellence for Presentation.* (2011). *Deflating the role of reportability in cognitive science.* Center for Cognition, Action, and Perception Conference, University of Cincinnati.

*University Graduate Scholarship.* (2010-2015). University of Cincinnati.

*Teacher Who Cares Award.* (2006). Sweetwater Union High School District, Chula Vista, CA.

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## **PRESENTATIONS and PUBLISHED ABSTRACTS (\* Invited, + Student Co-Author)**

Favela, L. H. (2018, March). *When to be and not to be skeptical about unreportable phenomenal states.* 2018 Pacific Division Meeting of the American Philosophical Association. San Diego, CA.

Favela, L. H. (2017, September). *How to defend embodied cognition against the locked-in syndrome challenge.* Mind and Brain Annual Conference. Center for Cognition and Neuroethics. University of Michigan. Flint, MI.

+ Neemeh, Z. A., & Favela, L. H. *Beyond distributed cognition: Towards a taxonomy of nonreductive social cognition.*

- (2017, July). 39th Annual Conference of the Cognitive Science Society (Poster). London, UK.
- (2017, June). 43rd Annual Meeting of the Society for Philosophy and Psychology (Poster). Baltimore, MD.

+ Moralez, L., & Favela, L. H. (2017, June). *How physics may explain cognition* (Poster). 43rd Annual Meeting of the Society for Philosophy and Psychology. Baltimore, MD.

Favela, L. H. (2017, March). *Pluralistic explanatory practices for an ontologically pluralistic world.* Scientific Knowledge Under Pluralism. Center for Philosophy of Science, University of Pittsburgh. Pittsburgh, PA.

Favela, L. H. (2016, December). *An introduction to radical embodied cognitive neuroscience.* Body of Knowledge: Embodied Cognition and the Arts. University of California, Irvine. Irvine, CA.\*

Riley, M. A., Chemero, A. C., & Favela, L. H. (2016, August). *Ain't nothing wrong with having relations: Non-(neo-)mechanistic mechanisms and explanations for complex systems.* The Guy Van Orden UConn Workshop on Cognition and Dynamics, XI. Center for the Ecological

Study of Perception and Action and Connecticut Institute for Brain and Cognitive Sciences. Storrs, CT.

van Rooij, M. M. J. W., & Favela, L. H. (2016, August). *A nonlinear dynamical systems theory perspective on dual-processing accounts of decision-making under uncertainty*. 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.

+ Moralez, L., & Favela, L. H. *Thermodynamics and cognition: Towards a lawful explanation of the mind*.

- (2016, August). 38th Annual Conference of the Cognitive Science Society (Poster). Philadelphia, PA.
- (2016, June). The International Society for Ecological Psychology America (Talk). Clemson, SC.

Favela, L. H. (2016, April). *From the armchair to the street: Phenomenology and the visually impaired*. Experimental Philosophy as Applied Philosophy. The 2016 Ratio Conference and 7th Conference of Experimental Philosophy UK. Reading, United Kingdom.

Favela, L. H. (2016, April). *Consciousness is (probably) still only in the brain even though cognition is not*. The Reality of Experience. The Institute for Prospective Cognition and the Society for Mind Matter Research, Illinois State University. Chicago, IL. \*

Favela, L. H. (2016, April). *Crosscutting biology and engineering via fractals*. (Re)Engineering Biology: The Emerging Engineering Paradigm in Biomedical Engineering, Systems Biology, and Synthetic Biology. Center for Philosophy of Science, University of Pittsburgh. Pittsburgh, PA.

Favela, L. H., & Chemero, A. (2015, November). *An ecological account of visual "illusions"*. 61st Annual Meeting of the Florida Philosophical Association. St. Augustine, FL.

Favela, L. H. (2015, May). *Extended mind, life, and death*. Life and Death: Contemporary Philosophical Perspectives. San Diego, CA. \*

Favela, L. H., & Amon, M. J. (2015, May). *Touch as a unisensory, interaction-dominant sense*. Fifth Annual Midwestern Cognitive Science Conference, Mackinac Island, MI.

Favela, L. H. (2015, April). Commentary on Matthew Haug's *Explanatory depth, explanatory autonomy, and abstraction*. 106th Annual Meeting of the Southern Society for Philosophy and Psychology, New Orleans, LA.

Favela, L. H., & Chemero, A. (2015, April). *Preliminary evidence for extended cognitive systems*. 106th Annual Meeting of the Southern Society for Philosophy and Psychology, New Orleans, LA.

Favela, L. H., Coey, C. A., Griff, E. R., & Richardson, M. J. (2014, November). *Fractal analysis of spontaneous activity in single neurons* (Poster). 44th Annual Meeting of the Society for Neuroscience, Washington, D.C.  
Abstract published in Program No. 272.06. *2014 Neuroscience Meeting Planner*. Washington, DC: Society for Neuroscience, 2014. Online at <http://tinyurl.com/SfN2014>

- Favela, L. H., Riley, M. A., Shockley, K., & Chemero, A. (2014, August). *Augmenting the sensory judgment abilities of the visually impaired*. 122nd Annual Convention of the American Psychological Association, Washington, DC.  
Abstract available at <http://dx.doi.org/10.1037/e553822014-001>
- Favela, L. H. (2014, May). *Motivating a nonreductive approach to social cognition*. In L. H. Favela (Co-Chair) & A. Chemero (Co-Chair), *Why Can't We Be Friends: Reductive and Nonreductive Treatments of Social Cognition*. Symposium conducted at the 26th Annual Convention of the Association for Psychological Science, San Francisco, CA.  
Abstract published in *Program of the 26th Annual Convention of the Association for Psychological Science*. San Francisco, CA, 2014. Online at <http://tinyurl.com/APS2014-Symposium>
- Favela, L. H., Jinks, A. K., & Chemero, A. *Getting a grip on extended cognition*.
- (2014, June). North American Meeting of the International Society for Ecological Psychology, Miami University, Oxford, OH.
  - (2014, May). Fourth Annual Midwestern Cognitive Science Conference, Wright State University, Dayton, OH.  
Abstract published in J. Houpt, L. Blaha, I. Juvina, & A. Miller (Eds.), *Proceedings of the Fourth Midwestern Cognitive Science Conference* (p. 33). Dayton, OH.
- Favela, L. H., Riley, M. A., Shockley, K., & Chemero, A. (2014, May). *Perception-action judgments normally made with vision more accurately made with touch* (Poster). 26th Annual Convention of the Association for Psychological Science, San Francisco, CA.  
Abstract published in Program No. X-143. *Poster Sessions of the 26th Annual Convention of the Association for Psychological Science* (pp. 36-37). San Francisco, CA, 2014. Online at <http://tinyurl.com/APS2014-X143>
- Favela, L. H. *An empirically viable extended cognition*.
- (2014, July). Perception Group: Department of Philosophy, University of California, San Diego, La Jolla, CA.
  - (2014, April). Philosophy Colloquium, San Diego State University, San Diego, CA. \*
- Favela, L. H. (2013, November). *An introduction to complex networks*. Networks: Theory and Methods Workshop, Center for Cognition, Action, and Perception, University of Cincinnati, Cincinnati, OH.
- Favela, L. H. (2013, October). *Direct realism, disjunctivism, and ecological psychology*. Southern California Philosophy Conference, San Diego, CA.
- van Rooij, M. M. J. W., Favela, L. H., Malone, M. L., & Richardson, M. J. (2013, August). *A dynamical model of risky choice*. 35th Annual Meeting of the Cognitive Science Society, Berlin, Germany.
- Favela, L. H. (2013, July). *Dynamical systems, representations, and consciousness* (Poster). Association for the Scientific Study of Consciousness 17, San Diego, CA.



Favela, L. H. *Explanatory pluralism: A case study*.

- (2013, May). Cognitive and Information Sciences Colloquium, University of California, Merced, Merced, CA. \*
- (2013, April). Philosophy Colloquium, San Diego State University, San Diego, CA. \*
- (2012, November). Graduate Student Research Symposium, University of Cincinnati, Cincinnati, OH.

Favela, L. H. (2013, April). *Ethics, poverty, and responsibility*. Sweetwater Union High School District AVID Guest Speaker, Chula Vista, CA. \*

Favela, L. H. (2011, September). *The overflow of nonconceptual content*. Philosophy Colloquium, San Diego State University, San Diego, CA. \*

Favela, L. H. (2011, April). *Deflating the role of reportability in cognitive science*. Center for Cognition, Action, and Perception Conference, University of Cincinnati, Cincinnati, OH.  
Abstract published in M. van Rooij & J. Weast (Eds.), *Proceedings of the 2nd Annual CAP conference* (p. 15). Cincinnati, OH: CAP Center for Cognition, Action & Perception.

Favela, L. H. (2009, November). *On the origin of consciousness: A critique of neural Darwinism*. 150 Years of Evolution: Darwin's Impact on the Humanities and Social Sciences Symposium, San Diego Natural History Museum and San Diego State University, San Diego, CA.

Favela, L. H. (2009, February). *Dissolving the hard problem of consciousness*. Research Symposium, San Diego State University, San Diego, CA.

Favela, L. H. (2008, July). *Two birds with one stone: Evidence for biological and computational theories of consciousness*. Graduate Liberal Studies Symposium, Stanford University, Palo Alto, CA.

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### **MEDIA COVERAGE (National and International, Selected)**

BioOptics World. (2014, September 16). *Handheld IR device could be game-changer for the visually impaired*. Available at <http://tinyurl.com/BioOpticsWorld-20140916>

WCPO Cincinnati Channel 9. (2014, August 27). *University of Cincinnati investigates new technology for the visually impaired*. Available at <http://tinyurl.com/WCPOCincinnati-20140827>

Optometry Today. (2014, August 20). *Seeing with infrared*. Available at <http://tinyurl.com/Optometry-20140820>

TechCrunch. (2014, August 13). *The Enactive Torch is a sensor that helps the blind 'see.'* Available at <http://tinyurl.com/TechCrunch-20140813>

The Australian. (2014, August 12). *Robots pave way for a better way to see life*. Available at <http://tinyurl.com/Australian-20140812>

ZME Science. (2014, August 12). *Star Trek walking cane lends virtual touch to the blind*. Available at <http://tinyurl.com/ZMEScience-20140812>

Medical Daily. (2014, August 11). *Visually impaired will benefit from new infrared device: Enactive Torch helps the blind 'see' without canes*. Available at <http://tinyurl.com/MedicalDaily-20140811>

UC Magazine. (2014, August 11). *'Seeing' through virtual touch is believing*. Available at [www.uc.edu/news/NR.aspx?id=20215](http://www.uc.edu/news/NR.aspx?id=20215)

This article was reproduced in English-speaking news sites and blogs (e.g., Disabled World, Medical Xpress, Neuroscience News, Science Daily) and translated into languages such as Japanese, Persian, Russian, and Spanish.

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## TEACHING EXPERIENCE

### Graduate: University of Central Florida

- *Cognitive Sciences*
  - Research Methods in the Cognitive Sciences (Spring 2017)

### Undergraduate: University of Central Florida

- *Philosophy*
  - The Buddha's Brain: Buddhism and Cognitive Sciences in Dialogue (Spring 2018)
  - Critical Thinking (Summer 2016, Summer 2017)
  - Embodiment: Mind, Body, and Self (Spring 2016)
  - Honors Introduction to Philosophy (Fall 2015 x2, Fall 2016 x2, Fall 2017 x2)
  - Introduction to Philosophy (Fall 2015, Spring 2018)
  - Minds and Machines: Philosophy of Cognitive Science (Spring 2016, Spring 2017)
  - Philosophy of Mind (Fall 2016, Fall 2017)
- *Honors Directed Readings and Independent Research*
  - Complex and Dynamical Systems (Fall 2015)
  - Distributed Cognition (Fall 2016, Spring 2017)
  - Dynamical Cognitive Science (Fall 2017)
  - Metaphysical Grounding and Levels (Spring 2017)
  - Process Philosophy and Nonlinear Dynamical Systems Science (Summer 2016)
  - Situated and Thermodynamic Approaches to Cognition (Spring 2016)

### Undergraduate: University of Cincinnati

- *Philosophy*
  - Contemporary Moral Issues (Summer 2013, Fall 2013)
  - Critical Thinking (Summer 2012)
  - Philosophy and Cognitive Ethology (Spring 2012)
  - Philosophy and Religion (Summer 2011)
- *Psychology*
  - Cognitive Science (Summer 2013)

### **Teaching Assistant: University of Cincinnati**

- *Philosophy*
  - Bioethics (Spring 2015)
  - Contemporary Moral Issues (Fall 2011, Winter 2012, Fall 2014)
  - Critical Thinking (Fall 2010)
  - Moral and Political Ideas: 20th/21st Century (Spring 2011)
  - Moral and Political Ideas: Modern Period (Winter 2011)
  - Sex and Death (Spring 2014)

### **Secondary Education**

- *High School Teacher*
  - English: 9th and 11th grade (3 years)
- *Instructional Assistant*
  - AVID (Advancement Via Individual Determination) Program: 7th through 12th grade (4 years)

### **Guest Lectures and Special Presentations**

- *University of Central Florida*
  - High- and Low-Stakes Writing Assignments. (2017). Teaching Matters Workshop, Department of Philosophy.
  - Getting a grip on extended cognition. (2017). Cognitive Sciences Student Association.
  - From the armchair to the street: Phenomenology and the visually impaired. (2016). 8x8 Lightning Talks, Texts and Technology Ph.D. Program.
  - Extra credit. (2016). Teaching Matters Workshop, Department of Philosophy.
  - Embodied cognition. (2015). Philosophy of Mind, Department of Philosophy.
- *University of Cincinnati*
  - Conducting sensory substitution experiments. (2014). Research Methods: Perception and Action, Department of Psychology.
  - Connectionism. (2014). Cognitive Science, Department of Psychology.
  - The molecular basis of interpersonal relations. (2013). Psychology of Interpersonal Relations, Department of Psychology.

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### **STUDENT RESEARCH SUPERVISION and MENTORSHIP**

- *Chair: Honors in the Major Thesis*
  - Zachariah Neeme. (2017, completed). *Flocks, swarms, crowds, and societies: On the scope and limits of cognition*. Department of Philosophy, University of Central Florida.
  - Larry Moralez. (2016, completed). *Process and mind: Exploring the relationship between process philosophy and the nonlinear dynamical systems science of cognition*. Department of Philosophy, University of Central Florida.
- *Committees*
  - Usman Ahmed. (2016-Present). *Structure and function of the cortical laminae*. M.S. Biomedical Sciences: Neuroscience. University of Central Florida.

- Austin Tindle. (2016-Present). *Biosemiotics and autopoietic enactivism: Expanding the enactivist approach*. Honors in the Major Thesis. Philosophy. University of Central Florida.

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## PROFESSIONAL ACTIVITIES and ORGANIZATIONS

### Editorial and Reviews

- *Guest Editor*
  - Cognitive Systems Research (2017-2018)
- *Review Editor*
  - Frontiers in Psychology: Theoretical and Philosophical Psychology (2014-Present)
- *Ad Hoc Reviewer, Conferences*
  - Annual Meeting of the Cognitive Science Society (5x)
  - Florida Philosophical Association
  - Philosophers' Cocoon Philosophy Conference
  - Southern Society for Philosophy and Psychology
- *Ad Hoc Reviewer, Book Proposals*
  - Sinauer Associates, Publishers (Cognitive science textbook)
- *Ad Hoc Reviewer, Grant Proposals*
  - Association for Psychological Science (2x)
- *Ad Hoc Reviewer, Journal Referee*
  - Cognitive Systems Research
  - Frontiers in Human Neuroscience
  - Frontiers in Psychology: Quantitative Psychology and Measurement
  - Frontiers in Psychology: Theoretical and Philosophical Psychology (3x)
  - Mind and Matter
  - Minds and Machines
  - Synthese (4x)

### Conferences, Sessions, and Symposia Organized

Chair and Co-Organizer (with L. Kühle). (2018). *Taking phenomenal consciousness from the personally known to the scientifically knowable*. Symposium conducted at the 2018 Pacific Division Meeting of the American Philosophical Association, San Diego, CA.

Co-Organizer (with S. Fiore). (2016). *The ethics of transhumanism*. Workshop. University of Central Florida.

Organizer and Co-Chair (with A. Chemero). (2014). *Why can't we be friends? Reductive and nonreductive treatments of social cognition*. Symposium conducted at the 26th Annual Convention of the Association for Psychological Science, San Francisco, CA.

Organizer. (2013). *Symposium: Olaf Sporns, Indiana University, Bloomington, Psychological and Brain Sciences*. Center for Cognition, Action, and Perception, University of Cincinnati.

Co-Organizer (with N. Atanasova & M. T. S. Barker). (2012). *Symposium: Eric Schwitzgebel*, University of California, Riverside, Philosophy. Graduate Student Governance Association, University of Cincinnati.

Co-Organizer (with M. R. Wheeler). (2009). *150 Years of Evolution: Darwin's Impact on the Humanities and Social Sciences Symposium*, San Diego Natural History Museum and San Diego State University.

Co-Organizer (with J. Purchase). (2003). *Youth Forum for Global Peace*, Joan B. Kroc Institute for Peace and Justice and University of San Diego.

### **Professional Society Memberships**

#### *Current*

- American Association of Philosophy Teachers (2015-Present)
- American Philosophical Association (2007-Present)
- International Society for Ecological Psychology (2010-Present)
- Society for Philosophy and Psychology (2017-Present)
- Society for Philosophy of Science in Practice (2015-Present)

#### *Former*

- American Psychological Association (2012-2014)
- Association for Psychological Science (2013-2014)
- Association for the Scientific Study of Consciousness (2013)
- Cognitive Science Society (2016-2017)
- Florida Philosophical Association (2015-2016)
- Philosophy of Science Association (2010-2016)
- Society for Neuroscience (2014)
- Southern Society for Philosophy and Psychology (2014-2016)

### **Professional Organization Memberships**

- United Faculty of Florida. (2015-Present). University of Central Florida.
- Multidisciplinary Neuroscience Alliance. (2015-Present). University of Central Florida.

### **Service to the Profession**

Executive Committee. (2016-Present). *Society for Philosophy and Psychology*.

Secretary-Treasurer Elect. (2016-Present). *Society for Philosophy and Psychology*.

#### *Conference Session Chair*

- (2015). *61st Annual Meeting of the Florida Philosophical Association*. St. Augustine, FL.
- (2015). Abundant vs. sparse multiple realization. *106th Annual Meeting of the Southern Society for Philosophy and Psychology*, New Orleans, LA.
- (2014). Psychology and neuroscience. *24th Biennial Meeting of the Philosophy of Science Association*, Chicago, IL.
- (2013). *Southern California Philosophy Conference*, San Diego, CA.

### **Service to the University of Central Florida**

*University-Level*

- College of Graduate Studies and Research Committee. (2017-2018).
- Peer reviewer: National Science Foundation grant pre-proposal submissions. (2017). Office of Research and Commercialization.
- Moderator and Judge. (2016). *Southeast Regional Ethics Bowl*.
- Faculty Advisor. (2015-Present). *Cognitive Sciences Student Association*.
- Graduate Program Development Committee. (2015-Present). Masters in Cognitive Sciences. College of Graduate Studies.
- Judge. (2015). *12th Annual UCF Ethics Bowl*.

*College-Level*

- Information Technology Advisory Committee. (2017-2018). College of Arts and Humanities.
- Research and Scholarship Recognition Committee. (2017). College of Arts and Humanities.
- Faculty Advisor. (2016-2017). Texts and Technology Ph.D. Program.
- Curriculum Development Committee. (2015-2017). Texts and Technology Ph.D. Program.
- Scholarship Committee. (2015-2016). College of Arts and Humanities.
- Diversity Advocate and Hiring Committee Member. (2015-2016). Texts and Technology Ph.D. Program.

*Department-Level*

- Organizer. (2017). Teaching Matters Workshop: Writing Across the Curriculum. Department of Philosophy.
- Diversity Advocate and Hiring Committee Member. (2016-2017). Department of Philosophy.
- Curriculum Development Committee. (2015-Present). Department of Philosophy.

**Service to the University of Cincinnati**

Organizer. (2012-2014). *Cognition, Action, and Perception Reading Group*. Department of Psychology.

Organizer. (2012-2013). *Department Reading Group*. Department of Philosophy.

Philosophy Department Representative. (2011-2015). Graduate Student Governance Association.

Graduate Student Faculty Representative. (2011-2012). Department of Philosophy.

Diversity Task Force. (2010-2012). Department of Philosophy.

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