

Chandra Sripada
4250 Plymouth Road
Ann Arbor MI, 48109
Phone: (734) 358-3297
Email: sripada@umich.edu

Academic Appointments

05/16 – present Associate Professor, Department of Psychiatry
Associate Professor, Department of Philosophy

07/09 – present Assistant Professor, Department of Psychiatry
Assistant Professor, Department of Philosophy

Other Appointments

01/12 – present Co-director, Neuroimaging Methods Core
11/11 – present Faculty Coordinator, M4 Medical Student Research
Elective

03/10 – 02/2012 Assistant Director, Residency Research Track,
Department of Psychiatry

02/10 – 04/2011 Director, Adult ADHD Clinic, Department of Psychiatry

Education and Postgraduate Training

07/05 – 06/09 Resident, Adult Psychiatry Residency Training Program
University of Michigan, Ann Arbor

08/00 - 04/06 Ph.D. Philosophy
Rutgers University, New Brunswick, New Jersey

08/00 – 04/05 Cognitive Science Certificate
Rutgers University, New Brunswick, New Jersey

07/98 - 06/99 Internship, Psychiatry
University of California, San Francisco

09/93 - 06/98 M.D. University of Texas Medical School, Houston

09/89 - 06/94 B.A. Plan II Liberal Arts Honors Program
University of Texas, Austin

Certification and licensure

07/2009 – present Medical License, Michigan, #4301085665

06/2005 – 06/2009 Education Limited License, Michigan, #4301085665

Research Interests

Psychiatry: Regulatory control, impulsivity, ADHD, substance use disorders, neuroimaging, machine learning, pattern classification in fMRI, connectomics, neuroeconomics

Philosophy: Moral psychology, ethics/metaethics, philosophy of psychology/cognitive science

Grants

ACTIVE

U01 DA041106 (Heitzeg/Cottler/Nixon/Zucker MPI) 09/30/2015-05/31/2020
NIH/NIDA \$9,184,426
ABCD-USA Consortium: Research Project
Role: Co-Investigator

ACTIVE

1 R01 MH107741-01 (Sripada PI) 7/15/2015-6/20/2020
NIMH \$2,340,203
Impulsivity as Immaturity: Mapping Dymaturation of the Brain's Control
Architecture in Youth Externalizing Psychopathology
Role: Principal Investigator

ACTIVE

Philosophy and Science of Self-Control (Sripada PI) 8/1/2015-7/31/2017
John Templeton Foundation \$195,453
Role: Principal Investigator

ACTIVE

K23-AA-020297 (Sripada PI) 2/5/2012 – 1/31/2017
National Institute for Alcohol Abuse and Alcoholism \$911,515
Neural and pharmacological dissociation of prefrontal control in ADHD and
alcohol dependence
Role: Principal Investigator

COMPLETED

Prospective Psychology (Seligman PI) 9/1/2012-8/31/2015
John Templeton Foundation \$3,131,709
(\$338,000 subcontract)
Role: Co-investigator/Subcontract

Science of Ethics (Jacobson PI) 9/1/2011 – 8/31/2014
John Templeton Foundation \$853,457
Role: Co-investigator

Pilot Program Grant (Sripada PI) 10/1/2012-9/30/2013
Center for Computational Medicine and Bioinformatics \$30,300
Detecting neural signatures of pharmacological response with machine learning
and connectomics
Role: Principal Investigator

UL1RR024986 (Sripada PI) 07/01/2009 12/31/2011
MICHR KL2 \$110,000
Regulation of the brain's default network in attention-deficit/hyperactivity disorder
Role: Principal Investigator

Honors and Awards

01/2013 Don Klein Early Career Investigator Award, Anxiety and
Depression Association of America
12/2009 Online 'Hot topics' poster. American College of
Neuropsychopharmacology
05/2008 Albert J. Silverman Research Conference, Overall best poster
2008 Psychiatry Resident Best Writing Award, University of Michigan
2007 Psychiatry Resident Best Writing Award, University of Michigan
2004-2005 Rutgers University Dissertation Fellowship
04/04-05/2004 Dartmouth College Visiting Scholar Fellowship
2002-2003 NIH Cognitive Science Fellowship
2000-2001 NIH Cognitive Science Supplemental Fellowship
2000-2003 Rutgers University Excellence Fellowship
1990-1994 UT Austin Dean's List
1990-1994 UT Austin Dedman Scholarship
1990-1994 National Merit Scholarship
1990 UT Austin Honors Colloquium Scholarship

Service

Membership in professional societies

2012-present Society for Biological Psychiatry
2011-present American Philosophical Association
2010-present Associate, Behavior and Brain Sciences

Ad hoc reviewer

- Nature Reviews Neuroscience
- American Journal of Psychiatry
- JAMA Psychiatry
- Biological Psychiatry
- Neuropsychopharmacology
- Neuroimage

- International Journal of Neuropsychopharmacology
- Journal of Neuroscience
- Cerebral Cortex
- Behavior and Brain Sciences (Associate Member)
- Plos One
- Cognition
- Journal of Personality and Social Psychology
- Mind
- Ethics
- Philosophy and Phenomenological Research
- Philosophical Studies
- Philosophical Psychology

Extramural Invited Presentations

“Addiction, Fallibility, Responsibility”, Rocky Mountain Philosophy Conference, Boulder, CO, 04/2017.

“The (surprisingly complex) architecture of self-control”, Self-Control and Decision-Making Workshop, Washington University, St. Louis, MO, 04/2016.

“Intuitions and Tacit Theories”, Hebrew University of Jerusalem, Jerusalem, Israel, 06/2015.

“Maturation of the Brain’s Intrinsic Functional Architecture Reliably Predicts Attention Task Performance: A Connectomic Analysis of 674 Youth Resting State Scans”, Society for Biological Psychiatry, Toronto, CA, 05/2015.

“Resting state functional connectomes robustly predict externalizing symptoms in a large sample at high risk for alcoholism”, Society for Biological Psychiatry, Toronto, CA, 05/2015.

“Addiction, Fallibility, and Responsibility”, Interdisciplinary Perspectives on Moral Responsibility, Utah Valley University, Orem, UT, 03/2015.

“Acting from the Gut: Responsibility Without Awareness”, Central Division, American Philosophical Association, St. Louis, MO, 03/2015.

“Addiction, Fallibility, and Responsibility”, Georgia State Neurophilosophy Forum, Decatur, Georgia, 02/2015.

“At the Center of Agency, the Deep Self”, Experimental Philosophy of the Self Workshop, New York University, New York, NY, 12/2014.

“A Connectomic Perspective on Attention Control”, Cognitive Neuroscience Colloquium, University of Pennsylvania, Philadelphia, PA, 10/2014.

“Moral Responsibility as Self-Expression”, International Society of Justice Research, New York, NY, 06/2014. *Declined*.

“The Wide Impact of the Deep Self”, *Walter Sinnott-Armstrong Lab Group*, Duke University, Durham, NC, 01/2014.

“The Paradox of Control in Addiction”, *Center on Addiction and Behavior Change*, Duke University, Durham, NC, 01/2014.

“Moral Responsibility, Reasons, and the Self”, New Orleans Workshop on Responsibility and Agency, New Orleans, LA, 11/2013.

“Psychological Hedonism and the Neuroscience of Motivation”, International Society for Philosophy, History and Social Studies of Biology, Montpellier, France, 7/2013.

“Whole-brain connectomic analysis of 145 resting state scans reveals network neurosignatures of schizophrenia”, Society for Biological Psychiatry, 5/2013.

“The Neuroeconomics of Social Anxiety”, Don Klein Award Talk, Anxiety and Depression Association of America, San Diego, 4/2013.

“Moral Responsibility: Philosophical Analyses, Psychological Experiments”, Cognitive Science Colloquium, University of Maryland, College Park, Maryland, 3/2013.

“Multivariate Pattern Classification and the Search for Biomarkers in Psychiatric Imaging”, University of Illinois, Chicago, 10/2012.

“Self-expression: A deep self theory of moral responsibility,” Science of Ethics Conference, Ann Arbor, Michigan, 6/2012.

“What makes a manipulated agent unfree?”, Moral Psychology Salon, University of Notre Dame, South Bend, Indiana, 5/2012.

“The Deep Self and Moral Responsibility”, Character and Decision Conference, Franklin and Marshall College, Lancaster, Pennsylvania, 3/2012.

“Being the source of yourself: Folk intuitions about ultimate control”, American Philosophical Association, Central Meeting, Minneapolis, Minnesota, 4/2011.

“Depth of psychological attitudes: A basic dimension of folk psychology?”, Metro Experimental Research Group, New York University, 12/2010

“Four projects in experimental philosophy”, Epistemology Seminar, University of Notre Dame, South Bend, Indiana, Professor Fritz Warfield, 11/2010

“The evolution and psychology of moral diversity”, Evolution and Ethics Seminar, New York University, Professors Sharon Street and Laura Franklin-Hall, 4/2010

“Time and temptation: The functional neuroanatomy of delay of gratification”, *Evolution and Human Adaptation Speaker Series*, University of Michigan, 3/2009

“Weakness of will and the failure of resistance”, Lecture Series: *The Philosophy and Science of Weakness of the Will*, Amherst College, 2/2009

“The Deep Self Model and asymmetries in folk judgments of intentional action”, Conference on Moral Psychology, Princeton University, 11/2008.

“Changing Biological Conceptions of Personality Disorders: The Importance of Endophenotypes”, American Psychiatric Association, Washington DC, 5/2008 (with Kenneth Silk, MD).

Bibliography

Peer-reviewed Publications

1. Kessler, D., Angstadt, M. and Sripada, C. S. (2017) ‘Reevaluating “cluster failure” in fMRI using nonparametric control of the false discovery rate’, *Proceedings of the National Academy of Sciences*, 114(17), pp. E3372–E3373.
2. Chang, S.-E., Angstadt, M., Chow, H. M., Etchell, A. C., Garnett, E. O., Choo, A. L., Kessler, D., Welsh, R. C. and Sripada, C. (2017; advance online publication) ‘Anomalous network architecture of the resting brain in children who stutter’, *Journal of Fluency Disorders*.
3. Sripada CS (2017; advance online publication). Frankfurt’s Unwilling and Willing Addicts. *Mind*.
4. Duval, ER, Garfinkel SN, Swain JE, Evans GW, Blackburn E, Angstadt M, Sripada CS, Liberzon I (2016). Childhood Poverty is Associated with Altered Hippocampal Function and Visuospatial Memory in Adulthood. *Developmental Cognitive Neuroscience*, 23, 39-44.
5. Kessler D, Angstadt M, Sripada CS (2016, advance online publication). Growth Charting of Brain Connectivity Networks and the Identification of Attention Impairment in Youth. *JAMA Psychiatry*.
6. Sripada CS (2016; advance online publication). Free will and the Construction of Options. *Philosophical Studies*.

7. Madjar S, Sripada CS (2016). The Phenomenology of Hair Pulling Urges in Trichotillomania: A Comparative Approach. *Frontiers in Psychology* 7(129): 1-11.
8. Sripada CS (2015). Self-Expression: A deep self theory of moral responsibility. *Philosophical Studies*.175 (5): 1203-1232.
9. Kessler D, Angstadt M, Welsh R, Sripada CS (2014). Modality-spanning deficits in attention-deficit/hyperactivity disorder in functional networks, gray matter, and white matter. *Journal of Neuroscience*. 34 (50): 16555–66.
10. Sripada CS, Kessler D, Angstadt M (2014). Lag in maturation of the brain's intrinsic functional architecture in ADHD. *Proc Natl Acad Sci U S A*. 111(39):14259-64. PMID: 25225387 [PubMed - in process]
11. Watanabe T, Kessler D, Scott C, Angstadt M, Sripada CS (2014). Disease Prediction based on Functional Connectomes using a Spatially-Informed Fused Lasso Support Vector Classifier. *Neuroimage* 96: 183–202.
12. Sripada CS (in press). Moral responsibility, reasons, and the self. In D. Shoemaker, *Oxford Studies in Agency and Responsibility*.
13. Sripada CS, Kessler D, Jonides J (2014; epub ahead of print). Methylphenidate blocks effort-induced depletion of regulatory control in healthy volunteers. *Psychological Science*.
14. Sripada CS, Kessler D, Fang Y, Welsh R, Kumar K, Angstadt M (2014; epub ahead of print). Disrupted network architecture of the resting brain in attention-deficit/hyperactivity disorder. *Human Brain Mapping*.
15. Nadelhoffer T, Shepard J, Nahmias E, Sripada CS, Ross LT (accepted). The Free Will Inventory: Measuring Beliefs about Agency and Responsibility. *Journal of Consciousness Studies*.
16. Sripada CS, Angstadt M, Kessler D, Phan KL, Liberzon I, Evans G, Welsh R, Kim P, Swain JE (2014). Volitional regulation of emotions produces distributed alterations in connectivity between visual, attention control, and default networks. *NeuroImage*: 89, 110–121. PMID: 24246489
17. Kim P, Evans GW, Angstadt M, Ho S, Sripada CS, Swain JE, Liberzon I, Phan KL (2013). Effects of Childhood Poverty and Chronic Stress on Emotion Regulatory Brain Function in Adulthood. *Proc Natl Acad Sci U S A* 110: 18442–18447. PMID: 24145409

18. Wardle MC, Fitzgerald DA, Angstadt M, Sripada, CS, McCabe, Phan KL (2013). The Caudate Signals Bad Reputation during Trust Decisions. *PLoS ONE* 88 (6) (June 20).
19. Sripada CS, Swain JD, Ho SS, Swain JE (2014). Automatic Goals and Conscious Regulation in Social Cognitive Affective Neuroscience. *Behavioral and Brain Sciences* 37 (02): 156–57. PMID: 24775144
20. Sripada CS, Kessler DK, Welsh RC, Angstadt M, Liberzon I, Phan KL, Scott C (2013). Distributed effects of methylphenidate on the network structure of the resting brain: a connectomic pattern classification analysis. *NeuroImage* 11: 213-221. PMID: 23684862
21. Swain JE, Sripada CS, Swain JD (2014). Using Big Data to Map the Network Organization of the Brain. *Behavioral and Brain Sciences* 37 (01): 101–2. PMID: 24572243
22. Sripada CS, Angstadt M, Liberzon I, McCabe K, Phan KL (2013). Aberrant Reward Center Response to Partner Reputation During a Social Exchange Game in Generalized Social Phobia. *Depression & Anxiety* 30 (4): 353–361.
23. Sripada CS, Railton P, Baumeister R, Seligman M (2013). Reply to Comments. *Perspectives on Psychological Science* 8 (2) (March 1): 151–154.
24. Seligman M, Railton P, Baumeister R, Sripada CS. Driven by the Past or Navigating into the Future? Prospective Guidance as a Central Organizing Principle of the Human and Animal Mind (2013). *Perspectives on Psychological Science* 8 (2) (March 1): 119–141.
25. Sripada CS (2012 [early view]). How is willpower possible? *Nous*. doi: 10.1111/j.1468-0068.2012.00870.x
26. Sripada RK, King AP, Welsh RC, Garfinkel SN, Wang X, Sripada CS, Liberzon I. (2012). Neural Dysregulation in Posttraumatic Stress Disorder: Evidence for Disrupted Equilibrium between Salience and Default Mode Brain Networks. *Psychosomatic Medicine*. PMID:23115342
27. Sripada, CS, Phan, KL, Labuschagne, I, Welsh, R, Nathan, PJ, & Wood, AG (2012 [epub ahead of print]). Oxytocin enhances resting-state connectivity between amygdala and medial frontal cortex. *International Journal of Neuropsychopharmacology*, May 30, 1–6. PMID:22647521

28. Rabinak CA, Angstadt M, Sripada CS, Abelson JL, Liberzon I, Milad MR, et al. (2013). Cannabinoid facilitation of fear extinction memory recall in humans. *Neuropharmacology*, Jan;64:396–402. PMID:22796109
29. Sripada RK, King AP, Garfinkel SN, Wang X, Sripada CS, Welsh RC, & Liberzon I (2012 [epub ahead of print]). Altered resting-state amygdala functional connectivity in men with posttraumatic stress disorder, *Journal of Psychiatry & Neuroscience*, 37(2). PMID:22313617
30. Rabinak CA, Sripada CS, Angstadt M, de Wit H, & Phan KL (2012). Cannabinoid modulation of subgenual anterior cingulate cortex activation during experience of negative affect. *Journal of Neural Transmission*. Jun;119(6):701-7. PMID:22160489
31. Sripada CS, Stanley JS (in press). Empirical tests of interest-relative invariance.
32. Sripada CS (2012). Mental state attributions and the side-effect effect. *Journal of Experimental Social Psychology*, Jan;48(1):232–8.
33. Sripada, CS (2012). What makes a manipulated agent unfree? *Philosophy and Phenomenological Research*, 85(3):563–93.
34. Coccaro E*, Sripada CS*, Yanowitch R, & Phan KL (2011). Cortico-limbic circuits in impulsive aggression. *Biological Psychiatry*, 69(12): 1153-1159. PMID:21531387
35. Sripada CS, Konrath S (2011). Telling more than we can know about intentional action, *Mind & Language*, 26(3): 353–380.
36. Sripada CS, Angstadt M, McNamara P, King AC, & Phan KL (2011). Effects of alcohol on brain responses to social signals of threat in humans. *NeuroImage*, 55(1), 371–380. PMID:21122818
37. Sripada CS, Gonzalez R, Phan KL, & Liberzon I (2011). The neural correlates of intertemporal decision-making: Contributions of subjective value, stimulus type, and trait impulsivity. *Human Brain Mapping*, 32(10), 1637–1648. PMID:20886577
38. Phan KL*, Sripada CS*, Angstadt M, & McCabe K (2010). Reputation for reciprocity engages the brain reward center. *Proc Natl Acad Sci U S A* 107(29):13099-13104. PMID:20615982
39. Sripada CS (2010). Philosophical questions about the nature of willpower. *Philosophy Compass* 5:793–805.

40. Sripada CS (2010). The Deep Self Model and asymmetries in folk judgments about intentional action. *Philosophical Studies*, 151(2):159-176.
41. Sripada CS, Angstadt M, Banks S, Nathan P, Liberzon I, Phan KL (2009). Deciding who to trust: Functional neuroimaging of mentalizing during the trust game in social anxiety disorder. *NeuroReport* 20: 984-989. PMID:19521264
42. Liberzon I, Sripada CS (2008). The functional neuroanatomy of PTSD: A critical review. de Kloet ER, Oitzl MS, Vermetten E, eds. *Progress in Brain Research* 167: 151-169. PMID:18037013
43. Goldman AI, Sripada CS (2005). Simulationist models of face-based emotion recognition. *Cognition* 94: 193-213.
44. Sripada CS (2005). Punishment and the strategic structure of moral systems. *Biology and Philosophy* 20: 767-789.
45. Sripada CS, Gaytan O, Swann A, Dafny N (2001). The role of MK-801 in sensitization to stimulants. *Brain Res Brain Res Rev* 35: 97-114. PMID:11336778
46. Gaytan O, Sripada CS, Swann A, Dafny N (2001). Blockade of sensitization to methylphenidate by MK-801: partial dissociation from motor effects. *Neuropharmacology* 40: 298-309. PMID:11114409
47. Sripada CS, Gaytan O, Al-rahim S, Swann A, Dafny N (1998). Dose-related effects of MK-801 on acute and chronic methylphenidate administration. *Brain Res* 814: 78-85. PMID:9838055

* These authors contributed equally

Peer-reviewed Publications (Submitted or In Revision)

None.

Non-peer Reviewed Publications

1. Sripada CS (2015). Acting from the gut: Responsibility without awareness. *Journal of Consciousness Studies* "Author Meets Critic" Forum.
2. Sripada CS, Silk KR (2007). The role of functional neuroimaging in exploring the overlap between borderline personality disorder and bipolar disorder. *Current Psychiatry Reports* 9: 40-5. *Review article*.

3. Sripada CS (2004). Review of Adam Morton's *The Importance of Being Understood: folk psychology as ethics*. *Australasian Journal of Philosophy* 82: 359-361. *Book Review*.

Book Chapters

1. Sripada, C. An Exploration/Exploitation Tradeoff Between Mind Wandering and Goal-Directed Thinking. In Kalina Christoff and Keiran Fox, *Oxford Handbook on Spontaneous Thought*.
2. Sripada CS (forthcoming). Experimental Philosophy and Moral Theory. In Tristram McPherson and David Plunkett, *Routledge Handbook of Metaethics*.
3. Sripada CS (2015). Mental illness, moral responsibility, and expression of the self. In D. Moseley and G. Gala, *Philosophy and Psychiatry: Problems, Intersections and New Perspectives*.
4. Sripada, CS (2014). The Second Hit in Addiction. *Moral Psychology: Volume 4: Free Will and Moral Responsibility*, Walter Sinnott-Armstrong, Editor, 295-304, Cambridge, MA: MIT Press.
5. Phan, K.L. and C.S. Sripada (2013). Emotion Regulation, in *Handbook of Human Affective Neuroscience*, P. Vuilleumier and J. Armony, Editors. Cambridge University Press: Cambridge, UK.
6. Mason K, Sripada CS, Stich S (2008). The Philosophy of Psychology. Moran D, ed. *The Routledge Companion to Twentieth-Century Philosophy*. London: Routledge Press.
7. Sripada CS (2008). Adaptationism, culture and the malleability of human nature. Carruthers P, Laurence S, Stich S, eds. *Innateness and the Structure of the Mind*, Vol. III. London: Oxford University Press.
8. Sripada CS (2008). Reply to Harman and Mikhail. Sinnott-Armstrong W, ed. *Moral Psychology, The Evolution of Morality*, vol. 2. Cambridge: MIT Press, 361-365.
9. Sripada CS (2008). Nativism and moral psychology. Sinnott-Armstrong W, ed. *Moral Psychology, The Evolution of Morality*, vol. 2. Cambridge: MIT Press, 319-343.
10. Sripada CS, Stich S (2007). A framework for the psychology of moral norms. Carruthers P, Laurence S, Stich S, eds. *Innateness and the Structure of the Mind*, vol. II. London: Oxford University Press, 280-302.

11. Sripada CS, Goldman A (2005). Simulation and the evolution of mindreading. Zihlao A, ed. *Cognition, Evolution and Rationality*. London: Routledge Press.
12. Sripada CS, Stich S (2004). Evolution, culture, and the irrationality of the emotions. Evans D, Cruse P, eds. *Emotion, Evolution, and Rationality*. New York: Oxford University Press, 133-158.

Books

1. Seligman M, Railton P, Baumeister R, Sripada CS (forthcoming). *Homo Prospectus*. New York: Oxford University Press.