

Chandra Sekhar Sripada
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Academic Appointments

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

Other Appointments

01/12 – present Co-director, Neuroimaging Methods Core,
Department of Psychiatry
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

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

ACTIVE

Science of Ethics (Jacobson PI) 9/1/2011 – 8/31/2014
John Templeton Foundation \$853,457
(\$25,000 subcontract)
Role: Co-investigator/Subcontract

ACTIVE

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

ACTIVE

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

COMPLETED

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

- Biological Psychiatry
- Neuropsychopharmacology
- Neuroimage
- International Journal of Neuropsychopharmacology
- Behavior and Brain Sciences (Associate Member)
- Plos One
- Mind
- Philosophy and Phenomenological Research
- Philosophical Studies
- Philosophical Psychology
- Cognition
- Journal of Personality and Social Psychology

Extramural Invited Presentations

"Hedonism, egoism, and human motivational architecture", International Society for Philosophy, History and Social Studies of Biology, Montpellier, France, July 7-12, 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 Search for Biomarkers in Psychiatric Imaging”, University of Illinois, Chicago, 10/2012.

“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. Sripada CS, Angstadt M, Liberzon I, McCabe K, Phan KL. Aberrant Reward Center Response to Partner Reputation During a Social Exchange Game in Generalized Social Phobia. *Depression & Anxiety* 30 (4): 353–361.
2. Sripada CS, Railton P, Baumeister R, Seligman M. Reply to Comments. *Perspectives on Psychological Science* 8 (2) (March 1): 151–154.
3. 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. *Perspectives on Psychological Science* 8 (2) (March 1): 119–141.
4. Sripada CS (2012 [epub ahead of print]). How is willpower possible? *Nous*.
5. Sripada RK, King AP, Welsh RC, Garfinkel SN, Wang X, Sripada CS, Liberzon I. (In Press). Neural Dysregulation in Posttraumatic Stress Disorder: Evidence for Disrupted Equilibrium between Salience and Default Mode Brain Networks. *Psychosomatic Medicine*. PMID:23115342
6. 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
7. 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
8. 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
9. 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
10. Sripada CS, Stanley JS (in press). Empirical tests of interest-relative invariance.

11. Sripada CS (2012). Mental state attributions and the side-effect effect. *Journal of Experimental Social Psychology*, Jan;48(1):232–8.
12. Sripada, CS (2012). What makes a manipulated agent unfree? *Philosophy and Phenomenological Research*, 85(3):563–93.
13. Cocarro E*, Sripada CS*, Yanowitch R, & Phan KL (2011). Cortico-limbic circuits in impulsive aggression. *Biological Psychiatry*, 69(12): 1153-1159. PMID:21531387
14. Sripada CS, Konrath S (2011). Telling more than we can know about intentional action, *Mind & Language*, 26(3): 353–380.
15. 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
16. 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
17. 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
18. Sripada CS (2010). Philosophical questions about the nature of willpower. *Philosophy Compass* 5:793–805.
19. Sripada CS (2010). The Deep Self Model and asymmetries in folk judgments about intentional action. *Philosophical Studies*, 151(2):159-176.
20. 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
21. 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
22. Goldman AI, Sripada CS (2005). Simulationist models of face-based emotion recognition. *Cognition* 94: 193-213.

23. Sripada CS (2005). Punishment and the strategic structure of moral systems. *Biology and Philosophy* 20: 767-789.
24. 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
25. 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
26. 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)

1. Sripada CS et al, Distributed effects of methylphenidate on the network structure of the resting brain: a connectomic pattern classification analysis.
2. Sripada CS et al, Volitional regulation of emotions produces distributed alterations in connectivity between visual, attention control, and default networks.

Non-peer Reviewed Publications

1. 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*.
2. 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, CS (in press). *The Second Hit in Addiction*. *Moral Psychology: Volume 4: Free Will and Moral Responsibility*, Walter Sinnott-Armstrong, Editor. Cambridge, Mass.: MIT Press, 2013
2. 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.

3. Mason K, Sripada CS, Stich S (2008). The Philosophy of Psychology. Moran D, ed. The Routledge Companion to Twentieth-Century Philosophy. London: Routledge Press.
4. 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.
5. 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.
6. Sripada CS (2008). Nativism and moral psychology. Sinnott-Armstrong W, ed. Moral Psychology, The Evolution of Morality, vol. 2. Cambridge: MIT Press, 319-343.
7. 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.
8. Sripada CS, Goldman A (2005). Simulation and the evolution of mindreading. Zihlao A, ed. Cognition, Evolution and Rationality. London: Routledge Press.
9. 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.