

Ranjita Poudel

Email: rpoud001@fiu.edu, Tel: (786) 348-1326

EDUCATION

- Graduate program
In Cognitive
Neuroscience
Florida International University, Miami, FL
(Aug 2015 to Present)
- Master of Science in
Neuroscience
Norwegian Uni. of Science & Technology, Trondheim, Norway
(Aug 2012 to August, 2014)
Thesis: Three dimensional reconstruction of second order neurons conveying information about CO₂ in the heliothine moth brain
- Bachelor of Science in
Human Biology
Kathmandu University, Nepal
(2007 to 2011)
Project: Effect of long-term meditation (RajYoga) on cardiovascular functions

RESEARCH EXPERIENCES

Florida International University – Neuroinformatics and Brain Connectivity Laboratory
(2015-present)

Currently engaged in project investigating resting state functional connectivity of human striatum and Parcellation of human Insula.

Norwegian University of science and Technology – Chemosensory Laboratory (2013-2014)

Involved in dissection, tissue fixing, immunostaining, confocal microscopy and 3 dimensional reconstructions of *Heliothine virescens* neurons

Kathmandu University School of Medical Sciences- Physiology lab (2010-2011)

Involved in Electrocardiogram, Cardiac function test and respiratory function test data collection and analysis

PAPERS/ POSTERS

Poudel, R., Riedel, M.C., Salo, T., Eickhoff, S.B., Fox, P.T., Laird, A.R., and Sutherland, M.T. (in prep.) Co-activation based parcellation of the human insula.

Falcone, K., **Poudel, R.**, Laird, A.R., and Sutherland, M.T. (in prep.) Functional and structural neurobiological impact of mindfulness meditation: An ALE meta-analysis.

Falcone, K., **Poudel, R.**, Laird, A.R., and Sutherland, M.T. (2016) Functional and structural neurobiological impact of mindfulness meditation: An ALE meta-analysis. Poster presented at the 2016 Organization for Human Brain Mapping conference, Geneva, Switzerland; June 26-30.

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Riedel, M.C., **Poudel, R.**, Salo, T., Eickhoff, S.B., Fox, P.T., Laird, A.R., and Sutherland, M.T. (2016) Poster presented at the 2016 Organization for Human Brain Mapping conference, Geneva, Switzerland; June 26-30.

Pokhrel BR, Gautam P, **Poudel, R.** Effect of long term meditation (Raja Yoga) practice on autonomic cardiovascular functions. ICPS 2012 Suzhou, China. (Poster Presentation) **Excellent Poster Award**. International Conferences of Physiological Sciences, 1-4 November 2012, Suzhou, China.

TEACHING EXPERIENCES

- Lab Instructor, Department of Psychology, FIU, (*Aug 2016 to Continue*)
- Teaching Assistant, Department of Psychology, FIU, (*Aug 2015 to May 2016*)

TRAININGS

Florida International University:

MRI Safety Training (Aug. 2015, Aug. 2016)

Software Carpentry Workshop (Sept. 2016)

Responsible Conduct in Research: Informed Consent in Human Subjects Research Workshop (Jun. 2016)

National Institute of Drug Abuse:

AFNI data processing pipeline preparation (May 2016)

Norwegian University of Science and Technology:

Human Psychophysiology: High Density EEG Analysis (spring, 2014)

Laboratory Animal science for Researchers (2012)

RELEVANT LAB EXPERIENCES

- Dissection techniques, Staining techniques,
- Media preparation and storage, cell culture, Cell line maintainance
- Polymerase chain reaction, insituhybridization, immunoprecipitation, immunoblotting, electrophoresis, centrifugation, cell sorting, cryo-techniques

COMPUTER SKILLS

- Ms. Excel, SPSS, PowerPoint, UNIX/LINUX, Python, C/C++ programming, HTML AMIRA, BESA, Photoshop, Adobe Illustrator