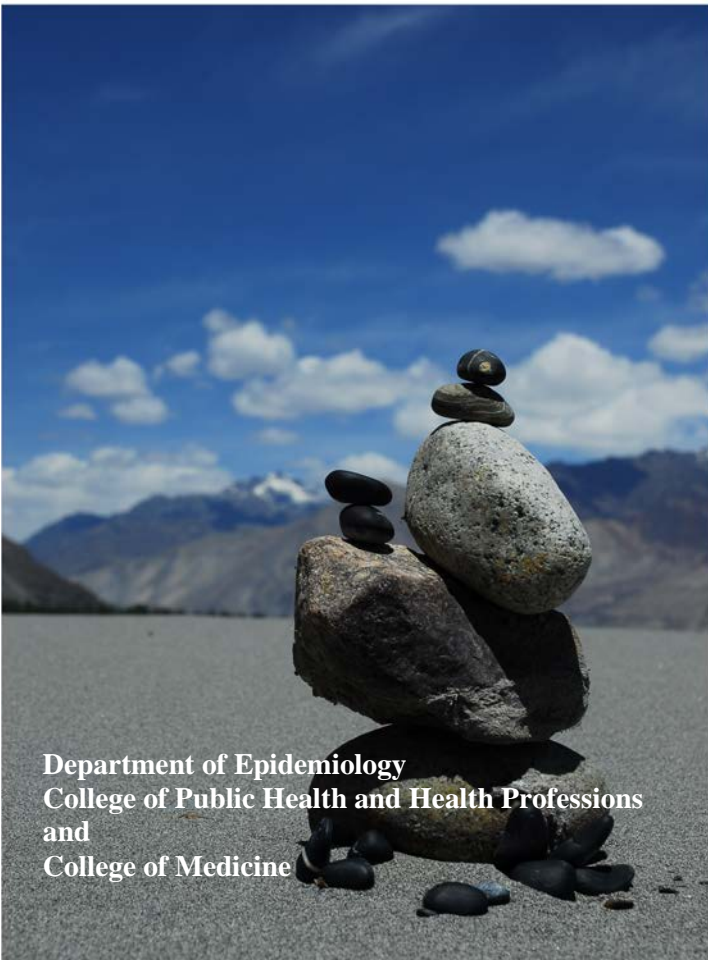


2017

# Building Mental Health Research Capacity in India

*Supported by the*  
Fogarty International Center  
National Institutes of Health



Department of Epidemiology  
College of Public Health and Health Professions  
and  
College of Medicine



*Compiled and Designed by*

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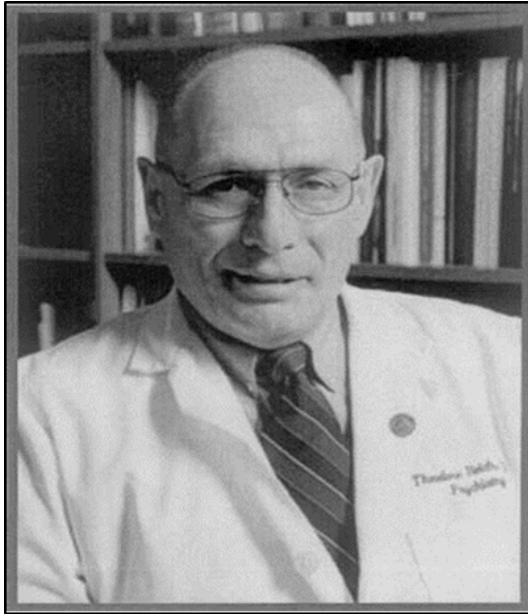
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*Dedicated to*

Theodore Reich, MD. (1938–2003)



*Dr. Reich was professor of psychiatry and genetics at Washington University School of Medicine and is still considered one of the most influential thinkers of modern psychiatric genetics. Dr. Reich was the founding PI of the Fogarty Indo-US Training Program and was a beloved mentor to many.*

**ICOHRTA FOGARTY INDO-US TRAINING  
PROGRAM ON BEHAVIORAL DISORDERS  
ACROSS THE LIFESPAN  
D43TW5811**

*2001—2011*

Washington University School of Medicine

**Linda B Cottler, PhD, MPH, FACE**

Program Director

Washington University

St. Louis, MO, United States

**Sanjeev Jain, MD**

Major Foreign Collaborator

National Institute of Mental Health and Neuro Sciences,

Bangalore, India

## **Training Mentors**

### **India**

Vivek Benegal, MD  
Prabha Chandra, MD, MRC Psych  
Gururaj Gopalkrishna, MD PhD  
Sanjeev Jain, MD  
Pratima Murthy, MD  
Janardhan Reddy, MD  
Shoba Srinath, MD  
Mathew Varghese, MD

### **United States**

Arpana Agrawal, PhD  
Robert C Cloninger, MD, PhD  
John Constantino, MD  
Linda B Cottler, PhD, MPH, FACE  
John G Csernansky, MD  
Alison Goate, DPhil  
Rosalind Neuman, PhD  
John Newcomer, MD  
Carol North, MD  
Thomas Oltmanns, PhD  
Ramesh Raghavan, MD, PhD  
Theodore Reich, MD  
John Rice, PhD  
Edward Spitznagel, PhD  
Catherine Striley, PhD, MPH, MSW  
Richard Todd, MD, PhD



**Name** Saurabh Ghosh, PhD  
**Current Position & Affiliation** Professor, Human Genetics Unit  
Professor-in-Charge  
Biological Sciences Division  
Adjunct Professor, Academy of Science and Innovative Research  
Head, Human Genetics Unit,  
Indian Statistical Institute,  
Kolkata, West Bengal  
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**Training Period** September 2001 to December 2002  
**Mentors** Theodore Reich, MD  
**Research Interests** Genetic Epidemiology, Multivariate Modeling, Genetics of alcoholism and comorbidities

### **Post Training Achievements**

#### **Grants: 11**

##### **Most Recent Grants**

- 2015-2018 Genetic Association Mapping of Rare Variants, Multivariate and Longitudinal Phenotypes. Funded by Indian Statistical Institute. Role: PI
- 2012-2015 Population-based Versus Family-based Genetic Association Studies. Funded by the Indian Statistical Institute. Role: PI
- 2012-2015 Genome Wide Association Study of Chronic Pancreatitis Funded by Department of Biotechnology (DBT). Role: Co-I
- 2007-2012 Diabetes mellitus- New drug discovery R & D, molecular mechanisms and genetic & epidemiological factors. Funded by Council for Scientific and Industrial Research (CSIR). Role: Co-I
- 2006-2010 Endocrine Profiles and Characterization of Candidate Genes influencing Prolificacy of Black Bengal Goats Funded by Indian Council of Agricultural Research (ICAR). Role: Co-I

#### **Awards and Honors: 6**

##### **Most Recent Awards and Honors**

- 2012 R.N. Srivastava Award, Indian Society of Medical Statistics
- 2009 Selected as Member of International Advisory Committee, Genetic Analysis Workshop (GAW)
- 2008 Suraj Kali Jain Award, Indian Society of Medical Statistics
- 2004 Haldane Memorial Prize, Indian Statistical Institute, India

#### **Publications: 97**

##### **Most Recent Publications**

- Chandra A, Lahiri A, Ghosh S, et al. (2016). Increased risk of Psoriasis due to combined effects of HLA- Cw6 and LCE3 risk alleles in Indian population. Scientific Reports, 6:24059.

- Giri AK, Banerjee P, Ghosh S, et al. (2016). Genome wide association study of uric acid in Indian population and interaction of identified variants with Type 2 diabetes. *Scientific Reports*, 6:21440.
- Giri AK, Midha S, Ghosh S, et al. INDIPAN and INDICO Consortium (2016). Common variants in CLDN2 and MORC4 genes confer disease susceptibility in patients with chronic pancreatitis. *PLoS One*, DOI:10.1371/journal.pone.0147345.
- Majumdar A, Witte J, Ghosh S. (2015). Semi-parametric Allelic Tests for mapping multiple phenotypes: Binomial regression and mahalanobis distance. *Genetic Epidemiology*, 39:635-650.
- Haldar T, Ghosh S. (2015). The Statistical Equivalent of the Classical TDT for Quantitative Traits and Multivariate Phenotypes. *Journal of Genetics*, 94:619-628.
- Datta S, Ray A, Ghosh S, et al. (2015). Sequence and expression variations in 23 genes involved in mitochondrial and non-mitochondrial apoptotic pathways and risk of oral leukoplakia and cancer. *Mitochondrion*, 25:28-33.
- Biswas S, Manna K, Ghosh S, et al. (2015). Smokeless tobacco consumption impedes metabolic, cellular, apoptotic and systemic stress pattern: A study on Government employees in Kolkata, India. *Scientific Reports*, 5:18284.
- Guha M, Bankura B, Ghosh S, et al. (2015). Polymorphisms in CaSR and CLDN14 genes associated with increased risk of kidney stone disease in patients from the Eastern Part of India. *PLoS One*, 10: e0130790.
- Aggarwal S, Gheware A, Ghosh S, et al. (2015). Combined genetic effects of EGLN1 and VWF modulate thrombotic outcome in hypoxia revealed by Ayurgenomics approach. *Journal of Translational Medicine*, 13:184.
- Ghosh S. (2014). Multivariate Analyses of Blood Pressure related phenotypes in a longitudinal Framework: insights from Genetic Analysis Workshop 18. *Genetic Epidemiology*, 38:63-67.

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Department of Epidemiology  
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**Training Period** June 2003 to June 2006  
**Mentors** Linda Cottler, PhD, MPH, FACE  
Prabha Chandra, MD, MRCPsych  
**Research Interests** Mental health, Substance use, Violence and Victimization

### Post Training Achievements

#### Grants: 6

#### Most Recent Grants

- 2016- Arts and Well-Being Indicators Project, Funded by Division of Cultural Affairs, Florida Department of State. Role: Co-I
- 2015-2017 Transformative Approach to Reduce Research Disparities Towards Drug Users. Funded by NIDA. Role: Subproject Co-I
- 2015- Haiti Health Study. Role: MPI
- 2012-2017 Indo-US Training Program in Behavioral Health Across the Lifespan, as a part of the Chronic, Non-communicable Disease and Disorders across the Lifespan. Fogarty International Center. Role: Training Coordinator and Mentor
- 2011-2013 Twinning Programs on Psychosocial Care and Mental Health Services in Leh District, India. Funded by Tata Institute of Social Sciences (TISS), Mumbai, India. Role: Co-I
- 2006-2008 Community Based HIV Prevention Among Females at Risk in Bangalor, India. Funded by World AIDS Foundation (WAF). Role: Study Coordinator

#### Awards and Honors: 4

#### Most Recent Awards and Honors

- OW Inducted into Beta Upsilon chapter of the Delta Omega Society
- 2016 Dean's Citation Paper Award for outstanding publication in journal *Nature*
- 2014 Integrated into the Academy of Research Excellency (ARE), CTSI, University of Florida
- 2013 NIDA-CPDD 2013 International Forum Travel Award

#### Publications: 10

#### Most Recent Publications

- Vaddiparti K, Cottler LB. (2017). Personality disorders and pathological gambling. *Current Opinion in Psychiatry*, 30, 45-49.
- Vaddiparti K, Striley CW, Cottler, LB. (2016). Association between gambling



severity and gun carrying among drug using women in community. *Gender and Violence*, 3, 162-166.

Dodani S, Striley CW, Vaddiparti K, et al. (2016). Clinical characteristics and chronic disease among cocaine users screened in the community through HealthStreet. *Health Behavior and Policy Review*, 3, 54-61.

Satyanarayana V, Chandra PS, Vaddiparti K. (2015). Violence among women and mental health outcomes. *Current Opinions in Psychiatry*, 28, 350-356.

Cottler LB, Kamal AK, Vaddiparti K, et al. (2015). Building global capacity for brain and nervous-system disorders research. *Nature*, 527, S207-S213.

Satyanarayana VA, Vaddiparti K, Chandra PS, et al. (2010). Problem drinking among married men in India: Comparison between husband's and wife's reports. *Drug and Alcohol Review*, 29: 5, 557–562.

Cottler LB, Satyanarayana VA, Vaddiparti K, et al. (2010). Feasibility and effectiveness of HIV prevention among wives of heavy drinkers in Bangalore, India. *AIDS and Behaviour*, 14, supplement 1, S168-S176.

Satyanarayana VA, Chandra PS, Vaddiparti K, et al. (2009). Factors influencing consent to HIV testing among wives of heavy drinkers in an urban slum. *AIDS Care*, 21, 615-621.

Chandra PS, Vaddiparti K, Carey MP. (2006) Improving knowledge about HIV and AIDS among persons with a severe mental illness in India. *Indian Journal of Social Psychiatry*, 22, 104-109.

Vaddiparti K, Bogetto J, Meeks C. et al. (2006). The effects of childhood trauma on sex trading in substance using women. *Archives of Sexual Behavior*, 35, 451-459.

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**Training Period** July 2003 to September 2005  
**Mentors** John G Csernansky, MD  
Robert C Cloninger, MD, PhD  
Sanjeev Jain, MD  
**Research Interests** Imaging, fMRI studies in schizophrenia

### **Post Training Achievements**

**Grants: 9**

#### **Most Recent Grants**

- 2017-2019 Harmonized Diagnostic Assessment of Dementia for Longitudinal Ageing Study of India. Funded by NIH. Role: Co-I  
2016-2021 Accelerator Program for Brain disorders using Stem Cells. Funded by Department of Biotechnology. Role: PI  
2013-2016 Imaging and Biochemical Correlates of Children in Autism Spectrum Disorder With or Without Epilepsy. Funded by Indian Council of Medical Research. Role: PI

### **Awards and Honors: 5**

#### **Most Recent Awards and Honors**

- 2014 Dr. Raghuram's Distinguished Teacher Award, Indian Psychiatric Society Karnataka Chapter  
2008 Young Investigator Travel Award, 1st Schizophrenia International Research Society Conference, Venice, Italy  
2008 Young Psychiatrist Award, Asian Region, Royal Perth Hospital, Perth, Australia  
2007 Young Investigator Award for Best Poster at the 2nd International Congress of Biological Psychiatry, Santiago de Chile

### **Publications: 60**

#### **Most Recent Publications**

- Bharath S, Joshi H, John JP, et al. (2017). A multimodal structural and functional neuroimaging study of amnesic mild cognitive impairment. *The American Journal of Geriatric Psychiatry*, 25, 158-169.  
Vijayakumari AA, John JP, Halahalli HN, et al. (2015). Effect of COMT, 5-HT2A and 5-HTTLPR polymorphisms on brain morphometry in schizophrenia and healthy subjects. *Clinical Psychopharmacology and Neurosciences*, 13, 68-82.

- John JP, Thirunavukkarasu P, Halahalli HN, et al. (2015). A systematic review of the effect of genes mediating neurodevelopment and neurotransmission on brain morphology: focus on schizophrenia. *Neurology, Psychiatry and Brain Research*, 21, 1-26.
- Balachandar R, John JP, Saini J, et al. (2015). A study of structural and functional connectivity in early Alzheimer's disease using rest fMRI and diffusion tensor imaging. *International Journal of Geriatric Psychiatry*, 30, 497- 504.
- Thirunavukkarasu P, Vijayakumari AA, John JP, et al. (2014). An exploratory association study of the influence of dysbindin and neuregulin polymorphisms on brain morphometry in patients with schizophrenia and healthy subjects from South India. *Asian Journal of Psychiatry*, 7, 22-27.
- Halahalli HN, John JP, Lukose A, et al. (2014). Endogenous-cue prospective memory involving incremental updating of working memory: an fMRI study. *Brain Structure and Function*, 220, 3611- 3626.
- John JP, Harsha HN, Vasudev MK, et al. (2011). Regional brain activation/deactivation during word generation in schizophrenia: fMRI study. *The British Journal of Psychiatry*, 198, 213-222.
- John JP, Burgess, PW, Yashavantha BS, et al. (2009). Differential relationship of frontal pole and whole brain volumetric measures with age in neuroleptic-naïve schizophrenia and healthy subjects. *Schizophrenia Research*, 109, 148-158.
- John JP, Yashavantha BS, Gado MH, et al. (2007). A proposal for MRI-based parcellation of the frontal pole. *Brain Structure and Function*, 212, 245-253.
- John JP, Wang L, Moffit AJ, et al. (2006). Inter-rater reliability of manual segmentation of the superior, inferior and middle frontal gyri. *Psychiatry Research Neuroimaging*, 148, 151-163.

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**Training Period** July 2003 to September 2005  
**Mentors** Linda B Cottler, PhD, MPH, FACE  
Carol North, MD  
John Newcomer, MD  
Edward Spitznagel, PhD  
**Research Interests** Schizophrenia

### **Post Training Achievements**

**Grants: 24**

#### **Most Recent Grants**

- 2015 - Exploring the Autonomic and the Neuroendocrine Regulation of the Mirror Neuron System in Schizophrenia. Funded by DST, Government of India. Role: Co-I.
- 2013-2015 Augmentation of Cognitive Remediation in Schizophrenia with Transcranial Magnetic Stimulation. Funded by DST, Government of India. Role: PI.
- 2012-2015 Parental Consanguinity in Schizophrenia Patients Living in a Rural Community of South India: A Clinical and Genetic Investigation. Funded by DBT, Government of India. Role: PI.
- 2012-2014 Augmentation Effect of Low Frequency-Repetitive Transcranial Magnetic Stimulation over Supplementary Motor Area in Obsessive Compulsive Disorder: A Randomized Controlled Trial. Funded by NIMHANS. Role: Co-I.
- 2011-2012 Efficacy of Brief Yoga Programme for Caregivers of Out-Patients with Schizophrenia. Funded by AYUSH, Government of India. Role: Co-I.

### **Awards and Honors: 50**

#### **Most Recent Awards and Honors**

- 2015 Best Poster Presentation at the 1st Symposium on Non-Invasive Brain Stimulation (NIBS) in Psychiatry, Bangalore, India.
- 2015 Best Poster Presentation of the Day at the World Psychiatric Association Regional Congress, Kochi, India.
- 2014 Dr. Vimla Virmani Award by the National Academy of Medical Sciences for Rehabilitation of neurologically and/ or mentally afflicted subjects at the National Academy of Medical Sciences Conference in Rishikesh, India.

- 2014 SS Jayaram Award for the best paper of the Indian Psychiatric Society – South Zone Conference. Bangalore, India
- 2013 SS Jayaram Award for the best paper of the Indian Psychiatric Society – South Zone Conference. Kottayam, India.

**Publications: 106**

**Most Recent Publications**

- Reddy KS, Thirthalli J, Naveen Kumar C, et al. Treatment Discontinuation in Schizophrenia: A Qualitative Exploration from a Rural South Indian Community, *Journal of Neurosciences in Rural Practice*, (in press)
- Thirthalli J, Zhou L, Kumar K, et al. (2016). Traditional, Complementary and Alternative Medicine approaches to mental health care and psychological wellbeing in India and China. *Lancet Psychiatry*, 3, 660-672
- Abhishekh HA, Thirthalli J, Phutane V, et al. (2015). Ictal EEG non-linear and high order spectral analysis methods in electroconvulsive therapy and its clinical utility. *Indian Journal of Physiology and Pharmacology*, 59, 261-265.
- Viswanath B, Jose SP, Thirthalli J, et al. (2015). Cellular models to study bipolar disorder: A systematic review. *Journal of Affective Disorders*, 184, 36-50.
- Mehta UM, Thirthalli J, Aneelraj D, et al. (2014). Mirror neuron dysfunction in schizophrenia and its functional implications: a systematic review. *Schizophrenia Research*, 160, 9-19.
- Mehta UM, Bhagyavathi HD, Thirthalli J, et al. (2014). Neurocognitive predictors of social cognition in remitted schizophrenia. *Psychiatry Research*, 219, 268-274
- Mehta UM, Thirthalli J, Basavaraju R, et al. (2014). Reduced Mirror Neuron Activity in Schizophrenia and its Association with Theory of Mind Deficits: Evidence From a Transcranial Magnetic Stimulation Study. *Schizophrenia Bulletin*, 40, 1083-94.
- Mehta UM, Bhagyavathi HD, Thirthalli J, et al. (2014). Cognitive Deconstruction of Parenting in Schizophrenia: The Role of Theory of Mind. *Australian and New Zealand Journal of Psychiatry*, 48, 249-58.
- Chand P, Thirthalli J, Murthy P (2014). Substance use disorders among treatment naïve first-episode psychosis patients. *Comprehensive Psychiatry*, 55:165-9.
- Jacob P, Gogi PK, Thirthalli J, et al. (2014). Review of electroconvulsive therapy practice from a tertiary Child and Adolescent Psychiatry Centre. *Asian Journal of Psychiatry*, 12, 95-99.

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**Name** Odity Mukherjee, PhD  
**Current Position & Affiliation** Chief Technologist  
Accelerator Program for Discovery in Brain Disorders Using Stem Cells,  
Centre for Brain Development and Repair,  
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**Training Period** March 2005 to September 2006  
**Mentors** Alison Goate, DPhil  
Sanjeev Jain, MD  
**Research Interests** Genetics of psychiatric and medical disorders,  
Stem cell research

### **Post Training Achievements**

**Grants: 8**

#### **Most Recent Grants**

- 2016-2021 Accelerator Program for Discovery in Brain Disorders using Stem cells (ADBS) – Funded by Department of Biotechnology + Pratiksha Trust – Role: PI
- 2013-2018 Imaging-genomics Approach to Identify Molecular Markers of Lithium Response in Bipolar Disorder. Funded by Inspire fellowship awards (DST). Role: Co-I
- 2012-2017 Translational Research and Innovative Science Through Ayurgenomics (TRISUTRA). Funded by Council of Scientific and Industrial Research (CSIR). Role: Co-I
- 2017-2017 Targeted Generation and Interrogation of Cellular Models and Networks in Neuro-psychiatric Disorders Using Candidate Genes – Funded by Department of Biotechnology Centre for Excellence. Role: Co-I
- 2011-2014 Molecular Characterization of Frontotemporal Lobar Degeneration and Related Disorders in India: A Multicentre Study Funded by Indian Council of Medical Research. Role: Co-I

### **Awards and Honors: 2**

#### **Most Recent Awards**

- 2015 Awarded the Innovative Young Biotechnologist Award (IYBA), Department of Biotechnology, Govt. of India
- 2013 A method to identify and isolate Pluripotent Stem cells using endogenous blue fluorescence: PCT No. B2013/060076 – Menon R, Thangaselvam M, Mukherjee O, Panicker MM. Patent awarded in USA and Europe.
- 2010 Awarded the Innovative Young Biotechnologist Award (IYBA), Department of Biotechnology, Govt. of India

## **Publications: 26**

### **Most Recent Publications**

- Bangalore MP, Adhikarla S, Mukherjee O, Panicker MM. (2016). Adverse effects of culture media on human pluripotent stem cells. *Scientific Reports*. (In Press).
- Baghbaderani BA, Syama A, Sivapatham R, et al (2016). Detailed Characterization of Human Induced Pluripotent Stem Cells Manufactured for Therapeutic Applications. *Stem Cell Reviews and Reports*. 12, 394-420.
- Viswanath B, Jose SP, Squassina A, et al. (2015). Cellular models to study bipolar disorder: A systematic review. *Journal of Affective Disorders*, 15, 36-50.
- Mukherjee O, Das G, Sen S, et al (2015). C9orf72 mutations may be rare in frontotemporal lobar degeneration patients in India. *Amyotrophic Lateral Sclerosis Frontotemporal Degeneration*, 17, 151-153.
- Muthusamy T, Mukherjee O, Menon R, Panicker MM. (2014). A novel method to identify and isolate pluripotent human stem cells and mouse epiblast stem cells using lipid body-associated retinyl ester fluorescence. *Stem Cell Reports*, 12, 169-184.
- Zulfiqar S, Menon R, Atmaram T, et al. (2013). Generation and characterization of individual-specific induced pluripotent cells from patient-derived lymphoblastoid cell lines. *Molecular Neurodegeneration*, 8, P53.
- Bagepally BS, Halahalli H, John PJ, et al. (2012). Apolipoprotein E4 and brain white matter integrity in Alzheimer's Disease: Tract based spatial statistics under 3- tesla MRI. *Neurogenetic Disorders*, 10, 145-148.
- Sureshkumar R, Bharath S, Jain S, et al. (2012). ApoE and late onset depression in Indian population. *Journal of Affective Disorders*, 136, 244-248.
- Bharath S, Purushottam M, Mukherjee O, et al. (2010). Apolipoprotein E polymorphism and dementia: a hospital-based study from southern India. *Dementia and Geriatric Cognitive Disorders*, 30, 455-60.
- Chakraborty S, Chakraborty D, Mukherjee O, et al. (2010). Genetic polymorphism in the serotonin transporter promoter region and ecological success in macaques. *Behavior Genetics*, 40, 672-679

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**Training Period** April 2005 to March 2006  
**Mentors** John Rice, PhD  
Rosalind Neuman, PhD  
Sanjeev Jain, MD  
**Research Interests** Applied multivariate analysis, Statistical applications in genetics, Survival analysis, Categorical data analysis, Latent variable modeling, Growth mixture models

### **Post Training Achievements**

**Grants: 23**

#### **Most Recent Grants**

- 2016-2019 Aetiology and Life-Course of Substance Misuse and Relationship with Mental Illness Project Title: Consortium on Vulnerability to Externalizing Disorders and Addictions [c-VEDA]. Funded by ICMR. Role: Co-I
- 2016-2019 Prevalence of Anxiety and Depression among Pregnant Women and Association with Antenatal Healthcare Utilization, Antenatal Health Behaviour and with Pregnancy Outcomes – A Prospective Study in an Urban Slum. Funded by ICMR. Role: Co-I
- 2016-2019 Effect of Yoga and Meditation on Hippocampal Volumetry and Memory Among People with Chronic Drug Resistant Mesial Temporal Lobe Epilepsy: A Comparative Study Before and After Epilepsy Surgery. Funded by Department of Science and Technology. Role: Co-I
- 2014 - 2015 Psychometric Properties of Difficulties in Emotion Regulation Scale in Indian Population. Funded by NIMHANS Intra-Mural Grant. Role: Co-I

#### **Awards and Honors: 8**

##### **Most Recent Awards and Honors**

- 2015 - Member of Scientific Advisory Committee to JIPMER, Pondicherry, India
- 2015 - Data Safety and Monitoring Board Member of research projects funded by NIH, Canadian Institute of Health Research and Wellcome Trust
- 2015 - Editorial Board Member of ISMS Bulletin by Indian Society for Medical Statistics, New Delhi, India



- 2014 Fellow of Indian Society for Medical Statistics (FSMS), Coimbatore, India
- 2014 - Technical consultant to Government of Kerala, Health Department/NRHM research projects on mental health survey in the state of Kerala.

### **Publications: 167**

#### **Most Recent Publications**

- Saraswati N, Nayak C, Sinha S, et al (2017). Comparing sleep profiles between patients with juvenile myoclonic epilepsy and symptomatic partial epilepsy: Sleep questionnaire-based study. *Epilepsy & Behavior*, 66, 34–38.
- Reddy RP, Rajeswaran J, Devi BI, Kandavel T. (2017). Cascade of traumatic brain injury: A correlational study of cognition, post-concussion symptoms, and quality of life. *Indian Journal of Psychological Medicine*, 39, 32-39.
- Nayak CS, Sinha S, Nagappa M, Thennarasu K, Taly AB. (2017). Lack of heart rate variability during sleep-related apnea in patients with temporal lobe epilepsy (TLE)—an indirect marker of SUDEP? *Sleep and Breathing*, 1, –[Epub ahead of print]
- Gadad V, Sinha S, Mariyappa N, et al. (2017). Source localization of epileptiform discharges in juvenile myoclonic epilepsy (JME) using magnetoencephalography (MEG). *Epilepsy Research*, 129, 67–73.
- Velmurugan J, Sinha S, Nagappa M, et al. (2016). Combined MEG–EEG source localisation in patients with sub-acute sclerosing pan-encephalitis. *Neurological Sciences*, 37, 1221–1231.
- Thirumoorthy A, Devi PS, Thennarasu K. (2016). Social support among the Caregivers of Persons Living with Cancer. *International Journal of Humanities and Social Science Intervention*, 5, 45–52.
- Thangaraju SP, Miriyala S, Nagalakshmi RM, et al. (2016). Cognitive correlates of sub-regional hippocampal volumetry in late onset depression: A 3 Tesla MRI study. *The American Journal of Geriatric Psychiatry*, 24, S132–133.
- Supraja TA, Thennarasu K, Satyanarayana VA, et al. (2016). Suicidality in early pregnancy among antepartum mothers in urban India. *Archives of Women’s Mental Health*, 19, 1101–1108.
- Selvam S, Thomas T, Shetty P, et al. (2016). Development of norms for executive functions in typically-developing Indian urban preschool children and its association with nutritional status. *Child Neuropsychology*, 1–21.
- Satyanarayana VA, Chandra PS, Sharma MK, et al. (2016). Three sides of a triangle: gender disadvantage, resilience and psychological distress in a sample of adolescent girls from India. *International Journal of Culture and Mental Health*, 9 364–372.

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**Current Position & Affiliation** Consultant Psychiatrist  
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**Training Period** November 2006 to November 2007  
**Mentors** Richard Todd, MD, PhD  
Sanjeev Jain, MD  
**Research Interests** Schizophrenia and Bi-polar disorders, Child psychiatry

### **Post Training Achievements**

**Grants: 0**

**Awards and Honors: 5**

#### **Most Recent Awards and Honors**

- 2012 Best Paper Award, International Conference on Neuropsychiatry, Chennai, India
- 2009 Dhruv Kumar Award for the Best Paper on Psychotherapy, Karnataka state annual conference of Indian Association of Psychiatrists(KANCIPS), Bangalore, India
- 2009 Dr. G. Udaya Kumar Memorial Award for Best paper on Family Issues, Annual National Conference of ISPSW (Indian Society of Professional Social Works), Bheemavaram, India
- 2008 Dhruv Kumar Award for the Best Paper on Psychotherapy, Karnataka state annual conference of Indian Association of Psychiatrists(KANCIPS), Manipal, India
- 2007 Dr. TMA Pai Gold Medal for excellence in Medical Research, Manipal, India

**Publications: 19**

#### **Most Recent Publications**

- Tharoor H. (2016). Adjunctive Ondansetron in Schizophrenia – A Pilot study. Asian Journal of Psychiatry, 19, 66-67.
- Tharoor H, Kaliappan A, Gopal S. (2015). Sexual dysfunctions in schizophrenia: Professionals and patients perspectives. Indian Journal of Psychiatry, 57, 85-7.
- Tharoor H, Ganesh A. (2015). Symptoms at onset in first episode schizophrenia: Caregivers perspectives. Indian Journal of Psychological Medicine, 37, 399-402.
- Luhrmann TM, Padmavati R, Tharoor H, et al. (2015). Hearing voices in different cultures: A social kindling hypothesis. Topics in Cognitive Sciences, 7, 646-63.
- Tharoor H, Mohandoss V, Maran S, et al. (2015). Psychosocial Adjustment in Women with Schizophrenia using the Tamil version of the B WISE. Journal of Psychosocial Rehabilitation and Mental Health, 1, 31-34.

- Tharoor H, Kotambail A, Jain S, et al. (2013). Study of the association of serotonin transporter triallelic 5-HTTLPR and STin2 VNTR polymorphisms with lithium prophylaxis response in bipolar disorder. *Psychiatric Genetics*, 23, 77-81.
- Tharoor H, Lobos EA, Todd RD, et al. (2008). Association of dopamine, serotonin, and nicotinic gene polymorphisms with methylphenidate response in ADHD. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 147B, 527-30.
- Tharoor H, Chauhan A, Sharma PSVN. (2008). A cross-sectional comparison of disability and quality of life in euthymic patients with bipolar affective or recurrent depressive disorder with and without comorbid chronic medical illness. *Indian Journal of Psychiatry*, 50, 24-9.

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**Mentors** Linda B Cottler, PhD, MPH, FACE  
Prabha S Chandra, MD, MRCPsych  
**Research Interests** Women's issues, Maternal health, mHealth interventions, Women's mental health

### **Post Training Achievements**

**Grants: 7**

#### **Most Recent Grants**

- 2015-2016 Effectiveness of Text Messaging and Reminder Calls to Increase Use of Service Referrals Provided Through Community Outreach. Funded By CTSI, Patient- Oriented Clinical Research Pilot Award, University of Florida. Role: PI
- 2015-2016 Feasibility and Acceptability of Ceramic Cord Cutting Device (C3D). Funded by Bill and Melinda Gates Foundation Grant Challenges. Department of Epidemiology doctoral student Ms. Margo Klar, PI. Role: Supervisor
- 2014-2015 Exploring Trust in Community-Academic Research Partnerships via Concept Mapping: A Multi-Site Study (Role: Co-I)
- 2011-2012 Behavior Change Communication-Improving Healthy Behaviors Project in India (IHBP). Funded by USAID to FHI 360°. Role: Program Officer
- 2011-2012 Provider Beliefs, Attitudes and Practices Concerning Emergency Contraception. Funded by International Consortium of Emergency Contraception (ICEC). Role: Program Officer

### **Awards and Honors: 5**

#### **Most Recent Awards and Honors**

- 2016 Selected for the Global mHealth Research Training Institute at the NIH Fogarty International Center, NIH Campus, Bethesda, MD June 6th-9th
- 2015 University of Florida International Center (UFIC) International Research Travel Grant
- 2015 Inducted into the Academy of Research Excellency (ARE), CTSI, University of Florida
- 2009 Travel Award: Pre-conference training as part of the First International Conference on Alcohol and HIV, Mumbai, India
- 2008 Travel Award: American Psychopathological Association Meeting, New York

## **Publications: 10**

### **Most Recent Publications**

- Frerichs L, Kim MM, Dave G, et al. (2016). Stakeholder perspectives on creating and maintaining trust in community-academic research partnerships. *Health Education and Behavior*, 44, 182-191.
- Zhang Q, Chen X, Varma DS, et al. (2016). Dietary Patterns in Relation to General and Central Obesity among Adults in Southwest China. *International Journal of Environmental Research*, 13, 1080.
- Varma DS, Hart MW, McIntyre DS, et al. (2016). Effectiveness of text messaging and reminder calls to increase service use referrals in a community engagement program. *JMIR Research Protocols*, 5: e133.
- Varma, DS. (2015). Sustainability: the critical piece in a successful intervention. *American Journal of Public Health*, 105, e1. (Letter to the Editor).
- Ahmad J, Khan ME, Varma DS, et al. (2015). Gender-Based Violence in Rural Uttar Pradesh, India: Prevalence and Association with Reproductive Health Behaviors. *Journal of Interpersonal Violence*. May 6. Epub ahead of print. DOI: 10.1177/0886260515584341
- Varma DS, Chandra PS, O'Leary, et al. (2013). Ethical issues in obtaining collateral information on alcohol and drug use: experience from Asia and Africa. *Current Opinions in Psychiatry*, 26, 330-334.
- Varma DS, Khan ME, Hazra, A. (2010). Increasing institutional delivery and access to emergency and obstetric care services in rural Uttar Pradesh. *Journal of Family Welfare*, 56 (Special Issue), 23-30.
- Varma DS, Khan ME, Hazra, A. (2010). Increasing postnatal care of mothers and newborns including follow-up cord care and thermal care in Uttar Pradesh. *Journal of Family Welfare*, 56 (Special Issue), 31-41.
- Varma DS, Chandra PS, Callahan C, et al. (2010). Perceptions of risk among monogamous wives of alcoholic men in South India: a qualitative study. *Journal of Women's Health*, 19, 815-21.
- Varma DS. (2008). Assessment of the effects of social support on adolescents with parents with HIV/AIDS. *American Journal of Public Health*, 98, 966. (Letter to the Editor).

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Pratima Murthy, MD  
**Research Interests** Prescription drug use, Alcohol dependence

### **Post Training Achievements**

#### **Grants: 3**

#### **Most Recent Grants**

- 2017-2020 Adolescent Children of Alcoholics (Acoas): Assessment of Cognitive Functions, Salivary Stress Biomarkers, Gender-Based Experiences And Responses To Their Fathers' Alcohol Dependence. Funded by Cognitive Science Research Initiative (CSRI), Dept. of Science & Technology (DST), Govt. of India. Role: PI
- 2013-2015 Development and Evaluation of the Effectiveness of Video-Enabled Cue Exposure-Based Intervention (VE-CEI) among Individuals with Alcohol Dependence at a Government Tertiary Mental Health Setting in India. NIMHANS Intramural grant. Role: PI.
- 2012-2013 Prescription Drug Misuse in Bangalore, India: Characteristics and Patterns. Funded by Fogarty Re-entry Grant Support. Role: PI.

#### **Awards and Honors: 1**

- 2014 Winner of Teach Out of the Box Competition on Innovative Teaching Methods at the 2nd Joint Conference of the National Institute of Mental Health and Neuro Sciences, India, and Royal College of Psychiatrists, UK (NIMRCPSYCON)

#### **Publications: 8**

#### **Most Recent Publications**

- Satyanarayana VA, Nattala P, Selvam S, et al. (2016). Integrated Cognitive Behavioral Intervention Reduces Intimate Partner Violence Among Alcohol Dependent Men, and Improves Mental Health Outcomes in their Spouses: A Clinic Based Randomized Controlled Trial from South India. *Journal of Substance Abuse Treatment*, 64, 29-34.
- Nattala P, Murthy P, Thennarasu K, et al. (2015). Non-medical use of prescription drugs in Bangalore, India. *Indian Journal of Public Health*, 59, 87-94.
- Rentala S, Fong TC, Nattala P, et al. (2015). Effectiveness of body-mind-spirit intervention on well-being, functional impairment and quality of life among depressive patients - a randomized controlled trial. *Journal of Advanced Nursing*, 71, 2153-63.

- Nattala P, Murthy P, Thennarasu K, et al. (2014). Non-medical use of sedatives in urban Bengaluru. *Indian Journal of Psychiatry*, 56, 246-252.
- Striley CW, Nattala P, Abdallah AB, et al. (2013). Enhanced Case Management Versus Substance Abuse Treatment Alone Among Substance Abusers with Depression. *Social Work Research*, 37, 19-25.
- Nattala P, Leung KS, Abdallah AB, et al. (2012). Motives and Simultaneous Sedative-Alcohol Use among past 12-month non-medical sedative users. *American Journal of Drug and Alcohol Abuse*, 38, 359-364.
- Nattala P, Leung KS, Abdallah AB, et al. (2010). Heavy Use versus Less Heavy Use of sedatives among non-medical sedative users: characteristics and correlates. *Addictive Behaviors*, 36, 103-109.
- Nattala P, Kit Sang Leung KS, Murthy P. (2010). Family Member Involvement in Relapse Prevention Improves Alcohol Dependence Outcomes: A Prospective Study at an Addiction Treatment Facility in India. *Journal of Studies on Alcohol and Drugs*, 71, 581-587.

...



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**Mentors** Linda B Cottler, PhD, MPH, FACE  
Prabha S Chandra, MD, MRCPsych  
**Research Interests** Gender issues in mental health, Perinatal mental health, HIV in women, gender based violence, Psychotherapies and Research ethics in vulnerable populations

### Post Training Achievements

#### Grants: 9

##### Most Recent Grants

- 2015-2017 IMPRESS: Intervention for Mothers in Pregnancy to Reduce Exposure to Second Hand Smoke. Funded by Medical Research Council, UK and Department of Biotechnology, India. Role: Co-I
- 2014-2017 Asha Improving Health and Nutrition of Indian Women with AIDS and Their Children. Funded by NIHRO1. Role: Consultant
- 2014-2016 Preventing and Treating HIV Co-morbidities in India: Multi-tiered Strategy for Women. Funded by Indo-US Bilateral funding opportunity (NIH and ICMR). Role: Co-I
- 2012-2015 Prevalence of Anxiety and Depression among Pregnant Women and Association with Antenatal Healthcare Utilization, Antenatal Health Behavior and with Pregnancy Outcomes – A Prospective Study. Funded by ICMR. Role: Co-I.
- 2015-2018 Effectiveness of a Mental Health Intervention in Protecting against Gender Based Violence and Enhancing Resilience in Young Adult Women. Funded by ICMR. Role PI.

#### Awards and Honors: 11

##### Most Recent Awards and Honors

- 2016 Best Paper Award at the Marce Society International Conference on Perinatal Mental Health, Melbourne, Australia
- 2016 Dr. Barbara Hanfstingl - InSPA Best Paper Award at the International Conference on Successful Mental Health and Wellbeing, Pondicherry University, Puducherry
- 2015 Travel award for participation in the 6th World Congress on Women's Mental Health, Tokyo, Japan.
- 2012 Travel award for participation in Building the Collaborative Research Platform and Professional Training Workshop for Bioethics in Developing Countries in Taipei, Taiwan.



2012 Brown International Advanced Research Institute (BIARI) travel award for participation in Global Health and HIV/AIDS summer school, Rhode Island, USA.

**Publications: 28**

**Most Recent Publications**

Jackson C, Huque R, Satyanarayana VA, et al. (2016). "He Doesn't Listen to My Words at All, So I Don't Tell Him Anything"-A Qualitative Investigation on Exposure to Second Hand Smoke among Pregnant Women, Their Husbands and Family Members from Rural Bangladesh and Urban India. *International Journal of Environmental Research and Public Health*, 13, 1098.

Supraja TA, Thennarasu K, Satyanarayana VA, et al. (2016). Suicidality in early pregnancy among antepartum mothers in urban India. *Archives of Women's Mental Health*, 19, 1101-1108.

Reynolds NR, Satyanarayana VA, Duggal M, et al. (2016). MAHILA: a protocol for evaluating a nurse-delivered mHealth intervention for women with HIV and psychosocial risk factors in India. *BMC Health Services Research*, 16, 352.

Satyanarayana VA, Chandra PS, Sharma MK, et al. (2016). Three sides of a triangle: gender disadvantage, resilience and psychological distress in a sample of adolescent girls from India. *International Journal of Culture And Mental Health*, 9, 364-72.

Satyanarayana VA, Vaddiparti K, Chandra PS. (2015). Mental health consequences of violence against women and girls. *Current Opinion in Psychiatry*, 28, 350-6.

Satyanarayana VA, Krishnan S, Sudarshan HL, et al. (2015). Two sides of a coin: Perpetrators and victims report of intimate partner violence and mental health outcomes. *Asian Journal of Psychiatry*, 38-43.

Chandra PS, Satyanarayana VA. (2013). I'm more sick than my doctors think: ethical issues in managing somatization in developing countries. *International Review of Psychiatry*, 25: 77-85.

Cottler LB, Satyanarayana VA, Vaddiparti K, et al. (2010). Feasibility and effectiveness of HIV prevention among wives of heavy drinkers in Bangalore, India. *AIDS and Behavior*, 14, S168-176.

Satyanarayana VA, Vaddiparti K, Chandra PS, et al. (2010). Problem drinking among married men in an urban slum in India. Comparison between Husband's and Wife's reports on AUDIT. *Drug and Alcohol Review*, 29, 557-562.

Chandra PS, Satyanarayana VA. (2010). Gender Disadvantage and Common Mental Disorders in Women. *International Review of Psychiatry, Special Issue on Gender and Mental Health*, 22, 513-524.

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**Mentors** Catherine W Striley, PhD, MPE, MSW  
Mathew Varghese, MD  
**Research Interests** Psychosocial issues in dementia and schizophrenia

### **Post Training Achievements**

**Grants: 6**

#### **Most Recent Grants**

- 2013-2016 Effectiveness of Folk Theatre to Create Awareness about Schizophrenia: A Randomized Controlled Trial. Funded by Fogarty re-entry grant support. Role: PI
- 2015-2017 iSupport for Dementia Family Caregivers. Funded by World Health Organization. Role: Co-I
- 2014-2016 National Mental Health Survey (NMHS). Funded by Ministry of Health and Family Welfare, Govt. of India. Role: Co-I
- 2014-2016 Assessment of Perceived Needs and Barriers for Care Among Patients with Stroke and Unipolar Depression. Funded by NIMHANS. Role: Co-I
- 2014-2016 Stigma Experience and Related Barriers of Help-Seeking in Psychosis, Depressive Disorders and Alcohol Use Disorders: A Hospital Based Exploratory Study. Funded by NIMHANS. Role: Co-I

### **Awards and Honors: 3**

#### **Most Recent Awards and Honors**

- 2014 World Association of Cultural Psychiatry (WACP) Essay prize organized by the Special Interest Group on “Arts, media and mental health”. Winner of the SECOND prize. 200 pounds
- 2009 Outstanding Poster Award, titled Socio cultural and gender based perspectives of the stigma of schizophrenia in India at the 4th International Conference on Stigma, London, UK
- 2009 Travel Grant from WPA (World Psychiatric Association) and King’s College, London to attend the 4th International Conference on Stigma, London, UK

### **Publications: 13**

#### **Most Recent Publications**

- Loganathan S, Murthy RS. (2015). Tranquilizing Stigma: Identifying Advocacy Interventions Based on Subjective Experiences of Stigma among People with Schizophrenia. Indian Journal of Social psychiatry, 31:88-99.

- Loganathan S, Varghese M. (2015). Play it Street smart: A Street Play on Creating Awareness about mental illness. *World Cultural Psychiatry Research Review (WCPRR Special Issue on Arts, Media and Mental Health)*, 189-200.
- Guru S, Vanamoorthy U, Loganathan S, et al. (2014). Neuroleptic Malignant Syndrome following abrupt Anti-cholinergic withdrawal: A case report. *Asian Journal of Psychiatry*, 12, 158-159.
- Balachander R, John JP, Loganathan S, et al. (2014). A study of structural and functional connectivity in early Alzheimer's disease using rest fMRI and diffusion tensor imaging. *International Journal of Geriatric Psychiatry*, 30(5).
- Loganathan S, Kreuter M. (2014). Audience segmentation: Identifying key stakeholders for mental health literacy interventions in India. *Journal of Public Mental Health*, 13, 159-170.
- Sadanand S, Shivakumar P, Loganathan S, et al. (2013). Identifying elders with neuropsychiatric problems in a clinical setting. *Journal of Neuroscience and Rural Practice*, 4, S1:24-3.
- Loganathan S, Murthy RS. (2011). Living with schizophrenia in India: gender perspectives. *Transcultural Psychiatry*, 48, 570-585.
- Phutane V, Loganathan S, Jhirwal O, et al. (2010). Are advanced paternal age and point mutation at chromosome 4 associated with schizophrenia? *Primary Care Companion Journal of Clinical Psychiatry*, 12(5).
- Loganathan S. (2012). NIMHANS' Objective Structured Clinical Assessment and Feedback (OSCAF) model could be a boon for budding medical colleges in India. *Indian Journal of Psychiatry*, 54, 199-200.
- Loganathan S. (2012). Targeting adolescents for mental health literacy via NIMHANS life skill education (LSE) model. *Indian Journal of Psychiatry*, 54, 292-293.

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Arparna Agrawal, PhD  
**Research Interests** Personality disorders and substance use

### **Post Training Achievements**

**Grants: 7**

#### **Most Recent Grants**

- 2016-2019 Consortium on Vulnerability to Externalizing Disorders and Addictions, cVeda. Funded by ICMR. Role: Co-I
- 2011-2013 Psychiatric Determinants of Cardiovascular Diseases in Urban India. Funded by Wellcome Trust. Role: PI.
- 2011-2012 Personality Traits, Personality Disorders and Alcohol Relapse in Urban India. Funded by Fogarty Re-entry grant. Role: PI
- 2010-2013 A Translation Randomized Trial of a Culturally Specific Lifestyle Intervention for Diabetes Prevention in India. Funded by International Diabetes Foundation BRIDGES. Role: Consultant
- 2012 DISHA (Diet and lifestyle Interventions for Hypertension risk reduction through Anganwadi workers) - A Cluster Randomized Trial. Funded by ICMR. Role: Project Coordinator

### **Awards and Honors:**

#### **Most Recent Awards and Honors**

**Publications: 8**

#### **Most Recent Publications**

- Soundarya S, Narayanan G, Agrawal A, et al. (2016). Personality profile and short term treatment outcome in patients with alcohol dependence- a study from South India. Indian Journal of Psychological Medicine. Accepted.
- Soundarya S, Narayanan G, Agrawal A, et al. (2016). Relationship between age at first drink and adult life drinking patterns in South India. Indian Journal of Medical Research. Accepted.
- Jeemon P, Narayanan G, Kondal D, et al. (2016). Task shifting of frontline community health workers for cardiovascular risk reduction: design, rationale, and baseline characteristics of a cluster randomized controlled trial (DISHA study) in India. BMC Public Health, 16, 264.
- Agrawal S, Taylor FC, Narayanan G, et al. (2015). Associations between socio-demographic characteristics, pre-migratory and migratory factors and psychological distress just after migration and after resettlement: The Indian migration study. Indian Journal of Social Psychiatry, 31, 55-66.

- Soundarya S, Narayanan G, Agrawal A, et al. (2014). Role of personality and relapse in alcohol dependence. *Alcohol and Alcoholism*, 41, i1-i69.
- Narayanan G, Prabhakaran D. (2012). Integrating mental health into cardiovascular disease research in India: A review. *National Medical Journal of India*, 25, 212-18.
- Agrawal A, Narayanan G, Oltmanns TF. (2012). Personality disorders and alcohol dependence in midlife in a community sample. *Personality Disorders: Theory, Research and Treatment*.
- Mendenhall E, Narayanan G., Prabhakaran D. (2012). Depression and diabetes in India: Perspectives and recommendations. *Diabetic Medicine*, 29, 308-11.

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**Mentors** Alison Goate, DPhil  
**Research Interests** Genetic disorders and Molecular biology

### **Post Training Achievements**

#### **Grants: 2**

#### **Most Recent Grants**

- 2015 Research Training in the Neuroscience of Aging, 2015 National Institute on Aging T32 Institutional Training Grant. Funded by National Institute on Ageing. Role: Mentor
- 2014 Collaborative Study on the Genetics of Alcoholism Multicenter U01. Funded by National Institute on Alcohol Abuse and Alcoholism. Role: Co-I

#### **Awards and Honors: 2**

#### **Most Recent Awards and Honors**

- 2014 Enoch-Gordis award finalist: Research Society on Alcoholism (RSA) annual meeting, Bellevue, Washington
- 2011 Early Career Investigator Program (ECIP): Travel fellowship by International Society of Psychiatric Genetics, Washington DC

#### **Publications: 18**

#### **Most Recent Publications**

- Kapoor M, Chou YL, Edenberg HJ, et al. (2016). Genome-wide polygenic scores for age at onset of alcohol dependence and association with alcohol-related measures. *Translational Psychiatry*, 6, e761.
- Nelson EC, Agrawal A, Kapoor M, et al. (2016). Evidence of CNH3 involvement in opioid dependence. *Molecular Psychiatry*, 21, 608-14.
- Agrawal A, Lynskey MT, Kapoor M, et al. (2015). Are genetic variants for tobacco smoking associated with cannabis involvement? *Drug and Alcohol Dependence*, 150, 183-187
- Wetherill L, Agrawal A, Kapoor M, et al. (2015). Association of substance dependence phenotypes in the COGA sample. *Addiction Biology*, 20, 617-27.
- Kapoor M, Wang JC, Wetherill L, et al. (2014). Genome-wide survival analysis of age at onset of alcohol dependence in extended high-risk COGA families. *Drug and Alcohol Dependence*, 142, 56-62.

- Wang JC, Kapoor M, Goate AM. (2014). Association of genes involved in calcium and potassium pathways with opioid dependence. *Biological Psychiatry*, 76, 6-7.
- McClintick J, Edenberg H, Kapoor M, et al. (2014). Ethanol treatment of immortalized lymphoblastoid cell lines from alcoholics and non-alcoholics causes many subtle changes in gene expression Uses LCLs. *Alcohol*, 48,603-10.
- Haller G, Kapoor M, Budde J, et al. (2014). Rare missense variants in *CHRNA3* and *CHRNA5* are associated with risk of alcohol and cocaine dependence. *Human Molecular Genetics*, 23, 810-9.
- Wang JC, Le NX, Kapoor M. et al. (2013). Cis-regulatory variants affect *CHRNA5* mRNA expression in populations of African and European ancestry. *PLoS One*, 8:e80204.
- Kapoor M, Wang JC, Wetherill L, et al. (2013). A meta-analysis of two genome-wide association studies to identify novel loci for maximum number of alcoholic drinks. *Human Genetics*, 132, 1141-51.

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**Research Interests** Mental health interventions, Parenting issues of high risk children

### **Post Training Achievements**

**Grants: 2**

#### **Most Recent Grants**

- 2016-2017 Development and Pilot Testing of an Internet-Based Well-Being Assessment Tool: An Exploratory Study. Funded by ICSSR.  
Role: Co-I
- 2017-2018 Youth Volunteerism for Mental Health. Funded by Rajiv Gandhi National Institute of Youth Development. Role: Co-I

#### **Awards and Honors: 1**

- 2010 Postdoctoral Fellowship from Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA), Bangalore.

#### **Publications: 5**

##### **Most Recent Publications**

- Tejasvi R, Agrawal J, Metri K. (2017). Effect of two weeks of Yoga Intervention on anxiety, depression and self-esteem in orphanage residents: A pilot study. *AYU: Quarterly Journal of Research in Ayurveda*. (In Press)
- Gupta K, Agrawal J, Sharma V. (2014). Role of Resilience & Sense of Coherence in Subjective Improvement of Psychiatric Patients. *Indian Journal of Positive Psychology*, 6, 32-36
- Chockalingam R, Raghavan R, Agrawal J, et al. (2011) Understanding Geographic Variations in BMI in India. Working Paper, Center for Social Development working paper, Washington University, St. Louis.11-13
- Duggal C, Agrawal J & Shah A (2011). Marriage after Infidelity: A case analysis. *Indian Journal of Social Psychiatry*, 27, 1-2, 45-51
- Agrawal J, Murthy P, Philip M, et al (2010). Socio-Demographic Correlates of Subjective Well-being in Urban India. *Social Indicators Research*, 101, 419-434

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Sanjeev Jain, MD  
**Research Interests** Community mental health, and mHealth

### **Post Training Achievements**

**Grants: 2**

#### **Most Recent Grants**

- 2012-2013 START Mental Health- School Teachers Adolescent Referral Training for Mental Health. Funded by Fogarty re-entry grant. Role: PI
- 2012-2013 Pathways After Dropping Out of Psychiatric Care from Rural Mental Health Centre, Sakalwara. Funded by NIMHANS Postdoctoral Grant. Role: PI

**Awards and Honors: 0**

**Publications: 3**

#### **Most Recent Publications**

- Jain N, Singh H, Koolwal G Das, et al. (2015). Opportunities and barriers in service delivery through mobile phones (mHealth) for Severe Mental Illnesses in Rajasthan, India: A multi-site study. *Asian Journal of Psychiatry*, 14, 31–5.
- Jain N, Varghese M, Moirangthem S, et al. (2014). “Where do patients with severe mental illness go after dropping out of psychiatric care?” – An exploratory study using pathways to care approach. *Asian Journal of Psychiatry*, 11, 74–5.
- Jain N, Gautam S, Jain S, et al. (2012). Pathway to psychiatric care in a tertiary mental health facility in Jaipur, India. *Asian Journal of Psychiatry*, 5, 303–8.

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**FOGARTY INDO-US TRAINING PROGRAM  
ON CHRONIC NON COMMUNICABLE  
DISEASES ACROSS THE LIFESPAN**

**D43TW009120**

*2011—2017*

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Program Director

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**Regina Bussing, MD**

Co-Director

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**Sanjeev Jain, MD**

Major Foreign Collaborator

National Institute of Mental Health and Neuro Sciences

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*Other Collaborators*

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Lokopriya Gopinath Bordoli Regional

Institute of Mental Health

Tezpur, Assam

**Bhim Bahadur Rai, PhD**

Voluntary Health Association of Sikkim

Gangtok, Sikkim

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 January 2011 to January 2016  
**Mentors** Linda B Cottler, PhD, MPH, FACE  
 Jagadisha Thirthalli, MD  
**Research Interests** Substance use among adolescents,  
 Prescription stimulant use and Mental health

**Post Training Achievements**

**Grants: 2**

**Most Recent Grants**

- 2016-2017 Evaluating Perceptions of Suicide Etiology: Giving Voices to The Sikkimese Community and Health Care Givers Study. Funded by Fogarty Advanced In-Country Grant. Role: Co-I
- 2016-2017 Arts and Wellbeing Indicators Project. Funded by Division of Cultural Affairs, Florida Department of State. Role: Epidemiologist and Statistician

**Awards and Honors: 7**

**Most Recent Awards and Honors**

- 2016 Inducted into the Delta Omega, Honorary Society in Public Health, Beta Upsilon Chapter.
- 2015 Scholarship to attend the Summer Institute of Biostatistics at the University of Washington, Seattle, July 2015.
- 2015 National Institute on Drug Abuse (NIDA) International Women’s and Children’s Health and Gender Working Group (InWomen) Travel Award to attend the International Women’s and Children’s Health and Gender Group 2015 Conference, Arizona, June 2015.
- 2014 Alec Courtelis Award for Best International Student. Nominated for award by Department of Epidemiology, College of Medicine, College on Public Health and Health Professions, University of Florida
- 2104 Department of Epidemiology Chairs Travel Award to attend the National Center for Responsible Gaming Conference, Las Vegas, September 29, 2014
- 2014 National Institute on Drug Abuse (NIDA) Women & Sex/Gender Differences Junior Investigator Travel Award to attend the College of Problems of Drug Dependence (CPDD), Puerto Rico
- 2013 National Institute on Drug Abuse (NIDA) Travel Award to attend the 103rd Annual meeting of the American Psychopathological Association (APPA), New York, March 2013.

## **Publications: 5**

### **Most Recent Publications**

- Chen X, Lasopa SO, Cottler LB. (2016). Current Patterns of Marijuana Use Initiation by Age among US Adolescents and Emerging Adults: Implications for Intervention. *The American Journal of Drug and Alcohol Abuse*, 21, 1-10.
- Acheampong A, Lasopa SO, Striley CW, Cottler LB. (2016). Gender Differences in the Association Between Religion/Spirituality and Simultaneous Polysubstance Use (SPU). *Journal of Religion and Health*, 55, 1574-1584.
- Lasopa SO, Gurung-States D, Cottler LB. (2014). Assessing health needs in rural Nepal. *Journal of Health Research*, 28,143-150.
- Cottler LB, Striley CW, Lasopa SO. (2013). Assessing Prescription stimulant use, misuse and diversion among youth 10-18 years of age. *Current Opinion in Psychiatry*, 26,511-519.
- Lasopa SO, Striley CW, Cottler LB. 2015. Diversion of prescription stimulant drugs among 10 to 18 year olds. *Current Opinion in Psychiatry*, 28,292-298.

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**Mentors** Linda B Cottler, PhD, MPH, FACE  
Krishna Vaddiparti, PhD, MPE, MSW  
**Research Interests** Psychosocial aspects of psychiatric disorders

### **Post Training Achievements**

**Grants: 12**

#### **Most Recent Grants**

- 2016-2019 Development of Evidence Based Lay Health Worker Delivered Psycho-Social Intervention Module for Women with Common Mental Disorders in Rural India: A Population Based Study. Department of Science and Technology, India & Public Health Foundation of India, New Delhi, India. Role: PI
- 2016-2017 Development of Peer Delivered Psycho-social Intervention Module for Women Caregivers of People with HIV/AIDS. Indian Council Social Science Research, New Delhi, India. Role: PI
- 2016-2017 Improving Referral Rates to Local Health Care Services for People With Mental Illness through 'ASHAs Training' Program. Funded by Fogarty Advanced In-Country Grant. Role: PI
- 2014-2015 Effectiveness of Community Based Lay-Health Worker Driven Early Intervention Programme for Psychosis in Rural India. Funded by Nitte University Research Grant - Research Opportunity Seed Fund. Role: PI
- 2014-2017 Quality of Life and Concept of 'Wellbeing' Among Women Living with HIV Rural and Semi-Urban India- Funding Agency. Indian Council Social Science Research. Role: Co-I

**Awards and Honors: 0**

**Publications: 13**

#### **Most Recent Publications**

- Bhat A, Jain P, Cherian AV, et al. (2016). Survey of psychological distress among the undergraduate students of arts and science colleges in Mangalore, Indian Journal of Evolution of Medical and Dental Sciences, 5, 3640-4.
- Bhat A, Cherian AV, Jain P, et al. (2016). Problematic internet use among Indian adolescents: Findings from a sample of undergraduate students. Journal of Evolution of Medical and Dental Sciences, 5, 3491-5.

- Math SB, Viswanath B, Cherian AV, et al. (2014). Sexual crime in India: Is it influenced by pornography? *Indian Journal of Psychological Medicine*, 36, 147-52.
- Sundar SA, Cherian AV, Baruah U, et al. (2014). Comparison of clinical characteristics of familial and sporadic obsessive-compulsive disorder. *Comprehensive Psychiatry*, 55, 1520-5.
- Cherian AV, Naryanaswamy JC, Viswanath B, et al. (2014). Gender differences in obsessive-compulsive disorder: Findings from a large Indian sample. *Asian Journal of Psychiatry*, 9, 17-21.
- Cherian AV, Pandian DR, Math SB, et al. (2014). Family accommodation of obsessional symptoms and naturalistic outcome of obsessive-compulsive disorder. *Psychiatry Research*, 215, 372-8.
- Cherian AV, Math SB, Kandavel T, et al. (2014). A 5-year prospective follow-up study of patients with obsessive-compulsive disorder treated with serotonin reuptake inhibitors. *Journal of Affective Disorders*, 152, 387-94.
- Narayanaswamy JC, Kalmady S, Cherian AV, et al. (2014). Neuroanatomical Correlates of Naturalistic Long-term Outcome of Obsessive-Compulsive Disorder treated with Selective Serotonin Reuptake Inhibitors. *Journal of Clinical Psychopharmacology*, 34, 282-5.
- Prabhu L, Cherian AV, Viswanath B, et al. (2013). Symptom dimensions in OCD and their association with clinical characteristics and comorbid disorders. *Journal of Obsessive-Compulsive and Related Disorders*, 2, 14-21.

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**Training Period** October 2012 to April 2013  
**Mentors** Marco Pahor, MD  
Catherine Striley, PhD, MPE, MSW  
Mathew Varghese, MD  
**Research Interests** Psychosocial issues among elderly and  
Persons with dementia and other psychiatric  
conditions

### **Post Training Achievements**

**Grants: 2**

#### **Most Recent Grants**

- 2015- National Mental Health Survey in Assam, coordinated by NIMHANS, Funded by The Ministry of Health and Family Welfare. Role: Co-I
- 2013-2014 Psycho Social Care Program for Conflicted Affected Victims in Assam and Mizoram' in collaboration with Indo-Global Social Service titled Humanitarian Assistance to Conflict Affected Victims of Assam and Mizoram. Funded by ECHO-DCA. Role: Consultant

**Awards and Honors: 0**

**Publications: 2**

#### **Most Recent Publications**

- Harikrishnan U, Ali A, Sobhana H. (2016). Prevalence of Social Phobia among School Going Adolescents. The International Journal of Indian Psychology, 4, 3.
- Deuri S P, Ali Arif, Sobhana H. (2014). Psycho-social determinants and rehabilitation needs of persons with major psychiatric disorders: A community based study. Indian Journal of Health and Wellbeing, 5, 583-586.

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**Name** Mingma L Sherpa, MD  
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**Training Period** November 2013 to May 2014  
**Mentors** Linda B Cottler, PhD, MPH, FACE  
Krishna Vaddiparti, PhD, MPE, MSW  
**Research Interests** Osteoarthritis & osteoporosis, Metabolic Syndrome, Polymorphism on ALDH an ADH in Sikkim, Metabolic Syndrome in Nepal

### **Post Training Achievements**

**Grants: 7**

#### **Most Recent Grants**

- 2016-2017 Evaluating Perceptions of Suicide Etiology: Giving Voices to the Sikkimese Community and Health Care Givers Study (EPSEGS). Funded by Fogarty Advanced In-Country Grant. Role: PI
- 2016-2017 Assessment of Plasma B Type Natriuretic Peptide (BNP) and High Sensitivity C Reactive Protein (hsCRP) among Diagnosed Patients of Diabetes Mellitus with and without Cardiovascular Disease. Funded by Department of Biotechnology, India. Role: Co-I
- 2015-2017 Generation of Islet-Like Cell Cluster from Human Mesenchymal Stem Cells Derived from Umbilical Cord Wharton's Jelly and Cord Blood for Therapeutic Potential in Mice with Type-1 Diabetes Mellitus. ICMR. Role: Co-I
- 2015-2016 Study of Glycated Albumin and HsCRP as Markers of Risk of Cardiovascular Disorders Among Type 2 Diabetics Attending Central Referral Hospital, Sikkim, Funded by Department of Biotechnology, India. Role: Co-I
- 2015-2016 Assessment of Inflammatory Markers, HsCRP and IL6 in Type 2 DM Patients Attending CRH, Gangtok, Sikkim, Funded by Department of Biotechnology, India. Role: Co-I

#### **Awards and Honors: 1**

- 2015 Synergistic Manipal Integrated Leadership Engagement Program, Sikkim, India

#### **Publications: 3**

##### **Most Recent Publications**

- Sherpa ML, Devi MT, Singh VP. (2015). Status of Bioethics: in the curriculum of undergraduate health science and allied sciences. Global Bioethics Enquiry, 2, 30-33

Khandelwal B, Patnaik SK, Sherpa ML, et al. (2014). Microalbuminuria as an overrated indicator of target organ damage in hypertension: a hospital based cross sectional study. *International Journal of Research in Medical Sciences*, 2, 881-885.

Bhutia SC, Singh TA, Sherpa ML. (2014). Production of a polyclonal antibody against osteogenic protein-1, and its role in the diagnosis of osteoarthritis. *Singapore Medical Journal*, 55, 388-391.

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**Training Period** January 2014 to July 2014  
**Mentors** Michael Marsiske, PhD  
**Research Interests** Metabolic syndrome and Atypical  
Antipsychotics, Electro-Convulsive Therapy

### **Post Training Achievements**

**Grants: 1**

#### **Most Recent Grants**

2015- National Mental Health Survey in Assam, coordinated by NIMHANS, Funded by The Ministry of Health and Family Welfare.  
Role: Co-I

**Awards and Honors: 0**

**Publications: 0**

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**Training Period** February 2014 to August 2014  
**Mentors** Linda B Cottler, PhD, MPH, FACE  
Krishna Vaddiparti, PhD, MPH, MSW  
**Research Interests** Biostatistics, Demography and population sciences

### **Post Training Achievements**

**Grants: 3**

#### **Most Recent Grants**

- 2014-2017 Historical Trends and Patterns of Population and Development in India: A District Level Analysis. Funded by International Institute of Population Sciences. Role: PI
- 2014-2017 Unintended Pregnancies and Abortion in India (UPAI) Study. Funded by Guttmacher Institute. Role: PI
- 2014-2017 National Family Health Survey – 4. Funded by Ministry of Health and Family Welfare, Government of India. Role: PI

**Awards and Honors: 0**

**Publications: 12**

#### **Most Recent Publications**

- Singh A, Lhungdim H, Alagarajan M, et al. (2016). National Family Health Survey – 4 (2015-16): State and District Factsheets, Haryana, IIPS. Mumbai, India
- Pradhan MR, Sekhar C, Alagarajan M, et al. (2016). National Family Health Survey – 4 (2015-16): State and District Factsheets, Uttarakhand, IIPS, Mumbai, India
- Alagarajan M, Paswan B, Lhungdim H, et al. (2016). National Family Health Survey – 4 (2015-16): State and District Factsheets, Puducherry, IIPS, Mumbai, India
- Alagarajan M, Bansod W, Pradhan R, et al. (2016). National Family Health Survey – 4 (2015-16): State and District Factsheets, Tamil Nadu, IIPS, Mumbai, India
- Dinachandra KS, Alagarajan M, Ladusingh L. (2016). What Explains Child Malnutrition of Indigenous People of Northeast India?, PLOS One, DOI:10.1371/journal.pone.0130567
- Ram F, Paswan B, Alagarajan Manoj, et al. (2016). Demographic and Health Trends in India (2005–06-2015–16) Results from Phase 1 of NFHS–4, Economic and Political Weekly, Vol. LI, No. 14.
- Lhungdim H, Paswan B, Alagarajan M, et al. (2014). Substantial Increase in Access to an Improved Household Environment in 17 Indian States/UTs Surveyed in Phase 1, NFHS-4 (2015-16). Demography India, 43, 9-16.

Alagarajan M, Ladusingh L, Brahmanandam N. (2014). District Level Household and Facility Survey (DLHS-4), 2012-13: Meghalaya State Report, Mumbai, IIPS.

Sekher TV, Alagarajan M, Ragini M, et al. (2014). District Level Household and Facility Survey (DLHS-4), 2012-13: Kerala State report, 2014, Mumbai, IIPS.

Shekhar C, Pradhan MR, Alagarajan M, et al. (2014). Levels of Total Fertility Rate, Contraceptive Use and Unmet Need: An Assessment from States/UTs in Phase I, NFHS-4 (2015-16), Demography India, 43, 53-61.

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**Name** Shankar Das, PhD  
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 School of Health Systems Studies,  
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**Training Period** July 2014 to September 2014  
**Mentors** Linda B Cottler, PhD, MPH, FACE  
 Sanjeev Jain, MD  
**Research Interests** HIV stigma and mental health, emerging social issues and impact on individuals, mental health across the lifespan

**Post Training Achievements**

**Grants: 0**

**Awards and Honors:2**

**Most Recent Awards and Honors**

- 2016 Chair: Widening our Perspectives: Funding Design for Collaboration, Brainstorming Session using World Café Format at EqUIP Symposium, Sustainable Prosperity, Wellbeing and Innovation, 9-10 June 2016, Helsinki, Finland.
- 2014 Visiting Professor to the University of Vermont, US since 2014

**Publications: 7**

**Most Recent Publications**

Das S. (2016). Depression: Meeting the future global health challenge. Journal of Depression and Anxiety, S1, 2167

Sharma KR, Das S. (2016). An Exploratory Analysis of School Health Environment and School Health Services in Primary Schools of Hyderabad, International Journal of Exclusive Global Research, 1.

Thakare B, Das S. (2015). Utilization of Health Care Services among Rural Landless Agricultural Labourers in Buldhana District of Maharashtra, India. The International Journal of Scientific Research, 4.

Sharma KR, Das S. (2015). A review on determinants of performance of female health workers engaged in primary healthcare. International Journal of Business Administration and Management, 5, 123-159.

Sharma KR, Das S. (2015). A Performance Innovation Framework for the NRHM Mandated 2nd ANMs in Andhra Pradesh. International Journal of Advance Research, 3.

Sharma KR, Das S. (2015). An exploratory analysis of the factors affecting performance of additional MPHWS-F in undivided Andhra Pradesh. International Journal of Scientific & Engineering Research, 6.

Sharma KR, Das S. (2014). An Antidote to the Missing Girl Child – The PC & PNDT Act. AMBER: ABBS Management Business and Entrepreneurship Review, 5, 123-135.

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**Training Period** August 2014 to January 2015  
**Mentors** Krishna Vaddiparti, PhD, MPE, MSW  
**Research Interests** Social action research, Conflict widows, Child trafficking issues

### **Post Training Achievements**

**Grants: 3**

#### **Most Recent Grants**

- 2016- Child Trafficking in the Indo-Myanmar Region: A Case Study of Manipur. Funded by Manipur Commission for Protection of Child Rights. Role: PI
- 2016-2017 Look East Policy: Impact on Tribals. Funded by Tribal Research Institute, Government of Manipur. Role: PI
- 2015-2016 Mental Health Problems in Conflict Situation: A Pilot Study at Khordak Village, Loktak Lake Area, Manipur. Indian Statistical Institute (ISI), Northeast Centre, Tezpur. Role

**Awards and Honors:0**

**Publications: 3**

#### **Most Recent Publications**

- Sharma HS. (2016). Conflict mediation in Northeast India. Gandhi Marg, 37, 453–466.
- Sharma HS and Thangjam H. (2016). Critique of the framework agreement between Government of India and Nationalist Socialist Council of Nagaland. MEKAL INSIGHTS: An International Journal of Tribal Studies, Vol III, 99-106.
- Sharma HS. (2015). Social Work practice and conflict situation in India: A Preliminary Observation. Social Work Journal, 6, 114-121.

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**Training Period** August 2014 to February 2014 and  
July 2015 to January 2016  
**Mentors** Sara Jo Nixon, PhD  
Vivek Benegal, MD  
**Research Interests** Addictive disorders, Developmental and  
disruptive disorders, Stress, Attachment and  
relationships

### **Post Training Achievements**

#### **Grants: 1**

#### **Most Recent Grants**

2016-2017 Neuropsychological Performance in Men Seeking Treatment for Alcohol Use Disorder. Funded by Fogarty Advanced In-Country Grant. Role: PI

#### **Awards and Honors: 5**

#### **Most Recent Awards and Honors**

- 2016 Travel Award to Participate in the 4th CDMH Meeting on Developing the International Journal of Child Development and Mental Health “Traditional and Alternative Medicine on Child Psychosocial Rehabilitation” in Thailand, May 26 – 27
- 2016 Invited to be a part of the project to develop a Yoga Program and Yoga intervention for neurodevelopmental disorders in children in collaboration with Rajanagarindra institute of child development (RICD) ,Chiangmai, Thailand
- 2016 Member of the Government Board of Autism Detection and Certification in the State of Assam
- 2016 Member of the Government Board for Special Report of the orphanage of children with HIV
- 2016 Rashtriya Gaurav Award

#### **Publications: 8**

#### **Most Recent Publications**

- Hazarika M. (2015). Holistic approach in mental health care. *Dysphrenia*, 12, 3-5.
- Hazarika M. (2015). The aftermath of life: dying and death. *Dysphrenia*, 3, 112-118.
- Hazarika M. (2014). Social cognitive deficits and need for social cognitive remediation in schizophrenia. *Dysphrenia*, 5, 87-90.
- Hazarika M, Bhagabati D. (2014). The role of personality correlates in the pathogenesis of alcoholism: an intergenerational study among alcohol dependent and nondependent population. *Dysphrenia*, 12, 32-48.

- Hazarika M, Das S, Talukdar U et al. (2014). Role of investigations in diagnosis of dementia with special focus on region-specific MRI-based volumetric analysis. Symposia. Indian Journal of Psychiatry 56, S1, 6-15.
- Datta A, Das S, Hazarika M. (2014). Dementia: Is the time for a uniform diagnostic approach here? Symposia. Indian Journal of Psychiatry, 30, S1:6-15.
- Hazarika M, Talukdar U, Choudhury S, et al. (2014). The effectiveness of psychosocial intervention and vocational training for mentally challenged in a day care centre. Journal of Rural and Community Psychiatry, 1, 56-65.
- Arora S, Bhagabati D, Hazarika M, et al. (2014). 'White handkerchief': a patient of attenuated psychosis syndrome. Journal of Rural and Community Psychiatry, 1, 88-90.

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**Training Period** October 2014 to December 2014  
**Mentors** Mark Lewis, MD  
Shoba Srinath, MD  
**Research Interests** Autism Spectrum Disorder, Specific Learning Disorders, Pediatric Psychopharmacology, Ethics in Research and Child Sexual Abuse

### Post Training Achievements

**Grants: 7**

#### Most Recent Grants

- 2012-2013 A Retrospective Study of Autism Spectrum Disorder -Towards Setting Up a Registry. Funded by NIMHANS. Role: PI
- 2015-2018 Imaging and Biochemical Correlates in Children with Autism with And without Epilepsy. Funded by ICMR. Role: PI
- 2016-2017 A Pilot Study of MEG Spikes and Neural Networks in ASD – Funded by Fogarty Advanced In-Country Grant. Role: PI
- 2014-2017 Autism and Epilepsy – An Exploration of a Relationship. Funded by ICMR. Role: Co-I
- 2016-2019 Role of Genetics in Autism Spectrum Disorder with or without Epilepsy. Funded by ICMR. Role: Co-I

#### Awards and Honors: 4

##### Most Recent Awards and Honors

- 2016 Appointed as a member of Technical Resource Group on adolescent mental health by the Ministry of Health and Family Welfare, Government of India
- 2016 Travel grant from NIMHANS for a paper presentation at 22<sup>nd</sup> International Association for Child and Adolescent Psychiatry and Allied Professions World Congress (IACAPAP), Calgary, Canada, 18th -22nd Sep
- 2015 Co-author for Best Poster presentation titled “Efficacy of an Indian indicated program for adolescents at-risk for depression” at 1st International Congress of Clinical and Health Psychology with Children and Adolescents held at the University of Miguel Hernández, at Madrid, Spain, 19<sup>th</sup> to 22<sup>nd</sup> November
- 2015 Travel grant from International Society for Autism Research to attend 1st Asia Pacific Regional International Meeting for Autism Research (IMFAR) at Shanghai, China, November 5<sup>th</sup> to 7<sup>th</sup>

## **Publications: 9**

### **Most Recent Publications**

- Preeti K, Srinath S, Kommu JV, et al. (2017). Lost time—Need for more awareness in early intervention of autism spectrum disorder. *Asian Journal of Psychiatry*, 25, 13-5.
- Thomas S, Reddy NK, Kommu JV. (2016). Review on Psychosocial Interventions for Siblings of Children with Autism Spectrum Disorder. *Journal of Psychosocial Rehabilitation and Mental Health*, 3, 101.
- Sowmya BT, Seshadri SP, Kommu JV. (2016). Clinical characteristics of children presenting with history of sexual abuse to a tertiary care centre in India. *Asian Journal of Psychiatry*, 29, 44-9.
- Krupa N, Anantharam K, Kommu JV, et al. (2016). Recognition of emotions in autistic children using physiological signals. *Health and Technology*, 1-11.
- Singhal M, Manjula M, Kommu JV. (2015). Perceived stigma and satisfaction in adolescents: results from a school-based depression prevention program. *Andhra Pradesh Journal of Psychological Medicine*, 16, 54-61.
- Rawat VS, Dhiman V, Kommu JV, et al. (2015). Comorbidities and outcome of childhood psychogenic non-epileptic seizures- an observational study. *Seizure*, 25, 95-8.
- Kaku SM, Kommu JV, Seshadri S, et al. (2015). Pervasive refusal syndrome—A clinical challenge. *Asian Journal of Psychiatry*, 17, 96-8.
- Singhal M, Manjula M, Kommu JV. (2015). Adolescent Depression Prevention Programs-A Review. *Journal of Depression and Anxiety*, 4, 197.
- Jacob P, Gogi PK, Kommu JV, et al. (2014). Review of electroconvulsive therapy practice from a tertiary Child and Adolescent Psychiatry Centre. *Asian Journal of Psychiatry*, 31, 95-9.

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**Training Period** December 2015 to June 2016  
**Mentors** Rajiv Tandon, MD  
Sanjeev Jain, MD  
**Research Interests** Epigenetic regulations in bipolar affective disorders

### **Post Training Achievements**

**Grants: 3**

#### **Most Recent Grants**

- 2016 Consortium on Vulnerability to Externalizing Disorders and Addictions [c-VEDA]. Funded by ICMR. Role: Co-I
- 2016 Assessment of prevalence and correlates of psychiatric morbidities and its impact on job satisfaction and quality of life (QOL) following sexual harassment in IT companies in Bangalore. Funded by ICMR. Role: Co-I
- 2016 Barriers to mental health care experienced by women in rural areas around Bangalore. Funded by ICMR. Role: Co-I

**Awards and Honors: 0**

**Publications:0**

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**Training Period** March 2016 to September 2016  
**Mentors** Carol Mathews, MD  
Sanjeev Jain, MD  
**Research Interests** Common mental disorders, Obsessive  
compulsive disorders

### **Post Training Achievements**

**Grants:0**

**Awards and Honors: 0**

**Publications: 2**

### **Most Recent Publications**

Hough CM, Luks TL, Lai K, et al. (2016). Comparison of brain activation patterns during Executive Function Tasks in Hoarding Disorder and Non-Hoarding OCD. *Psychiatry Research*, 30, 50-59.

Sharma SR, Nongpiur A, Hussain M, et al. (2016). Postictal psychosis with self-amputation of foot in an epileptic patient: A report. *Neurology India*, 64, 334-5.

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**Training Period** April 2016 to July 2016  
**Mentors** Ronald Cohen, MD  
John P John, MD, PhD  
**Research Interests** fMRI, Emergency psychiatry, Suicide

### **Post Training Achievements**

**Grants: 0**

**Awards and Honors: 0**

**Publications:2**

### **Most Recent Publications**

Singh H, Chandra PS, Reddi VSK. (2016). A study of gender differences in psychiatric patients with attempted suicide. *Telangana Journal of Psychiatry*, 2, 42-47.

Sinha P, Gupta A, Reddi VSK, et al. (2016). An exploratory study for bladder dysfunction in atypical antipsychotic-emergent urinary incontinence. *Indian Journal of Psychiatry*. (In Press).

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Schizophrenia Research Foundation  
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**Training Period** May 2016 to April 2017  
**Mentors** Kevin Wang, MD  
Sanjeev Jain, MD  
**Research Interests** Schizophrenia, Biomarkers, Exosomes,  
MicroRNAs, Proteomics

### **Post Training Achievements**

**Grants: 0**

**Awards and Honors: 0**

**Publications:6**

### **Most Recent Publications**

- Raghavan V. (2017). Prevalence of pathological gambling in patients with alcohol dependence syndrome attending a tertiary care center in South India. *Asian Journal of Psychiatry*, 26, 92-93. (Letter to Editor).
- Raghavan V. (2017). Role of exosomes in psychiatric disorders. *Asian Journal of Psychiatry*, 28, 78-79. (Letter to Editor).
- Kumar D, Manek R, Raghavan V, Wang KK (2017). Protein characterization of extracellular Microvesicles/Exosomes released from Cytotoxin-challenged rat cerebrocortical mixed culture and mouse N2a cells. *Molecular Neurobiology*, DOI 10.1007/s12035-017-0474-x. Epub ahead of print.
- Raghavan V, Bhomia M, Torres I, Jain S, Wang KK. (2017). Hypothesis: Exosomal microRNA as potential biomarkers for schizophrenia. *Medical Hypotheses*, doi: <http://dx.doi.org/10.1016/j.mehy.2017.04.003>. (In Press).
- Raghavan V, Mohan G, Gopal S. (2017). Felt needs of primary caregivers of individuals with schizophrenia: A study from South India. *Asian Journal of Psychiatry*. doi: <http://dx.doi.org/10.1016/j.ajp.2017.04.007>. (In Press).
- Wang KK, Yang Z, Sarkis G, Torres I, Raghavan V. (2017). Ubiquitin C-terminal hydrolase-L1 (UCH-L1) as a therapeutic and diagnostic target in neurodegeneration, neurotrauma and neuro-injuries. *Expert Opinion on Therapeutic Targets*. (In Press).

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**Training Period** May 2016 to November 2016  
**Mentors** Dawn Bowers, PhD  
Mathew Varghese, MD  
**Research Interests** Dementia, Geriatric depression, and Brain stimulation

### Post Training Achievements

**Grants:0**

**Awards and Honors: 0**

**Publications: 5**

### Most Recent Publications

- Sinha P, ShyamSundar A, Thirthalli J, et al. (2016). Two decades of an indigenously developed brief-pulse electroconvulsive therapy device: A review of research work from National Institute of Mental Health and Neurosciences. *Indian Journal of Psychiatry*, 58, 31-37.
- Nitturkar A, Sinha P, Bagewadi BI, et al. (2016). Effect of age and anticonvulsants on seizure threshold during bilateral electroconvulsive therapy with brief-pulse stimulus: A chart-based analysis. *Indian Journal of Psychiatry*, 58, 190–197.
- Sinha P, Bowers D, Woods AJ. D2 Test of Attention. *Encyclopaedia of Clinical Neuropsychology*, 2nd Ed. Springer New York, (In Press).
- Sinha P, Goyal P, Andrade C. (2016). A meta-review of the safety of electroconvulsive therapy in pregnancy. *Journal of ECT*. (In Press).
- Sinha P, Gupta A, Reddi SVK, Andrade C. (2016). An exploratory study for bladder dysfunction in atypical antipsychotic-emergent urinary incontinence. *Indian Journal of Psychiatry* (In Press).

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**Mentors** Deepthi Varma, PhD, MSW  
Jacqueline Hobbs, MD  
**Research Interests** Eating Disorders, Gender and Sexuality,  
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**Post Training Achievements**

**Grants: 0**

**Awards and Honors: 0**

**Publications: 0**

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### **Post Training Achievements**

**Grants: 0**

**Awards and Honors: 0**

**Publications: 0**

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**Post Training Achievements**

**Grants: 0**

**Awards and Honors: 0**

**Publications: 0**

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### Summary of Post-Training Achievements

<b>Metrics</b>	<b>ICOHRTA 2000-2017 (N=15)</b>	<b>CNCD 2011-2017 (N=18)</b>	<b>Total</b>
Grants	118	42	160
Awards and Honors	103	19	122
Journal Articles	578	77	655
Average # of publications per trainee	38.5	4.2	

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ICOHRTA Fogarty Indo-US Training Program on Behavioral  
Disorders across the Lifespan

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and

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Diseases across the Lifespan

D43TW009120

### **Kathleen Michels, PhD**

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### **Michael Good, MD**

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