

Kratika Agarwal

+91-9198067067 | agarwal.kratikaa@gmail.com

EDUCATION	<p>Kanpur University, Kanpur, India Expected May 2017 Master of Arts in Psychology Honors: Ranked 2nd in First Year</p> <p>Kanpur University, Kanpur, India June 2014 Bachelor of Arts, Major: Psychology and Sociology Minor : English Graduated with Distinction Honors: Ranked 2nd</p>
COURSES TAKEN	<p>Graduate Level Personality Theories, Psychopathology, Clinical and Community Intervention, Philosophy of Psychology, Contemporary Perspectives on Cognitive Psychology, Research Methodology and Social Psychology</p> <p>Undergraduate Level Basic Psychological Processes, Psychopathology, Social Psychology, Psychological Assessment and Statistics, Personality, Social Change and Social Control, Foundations of Sociological Thought, Social Research Methods and Human Development</p>
PROJECTS	<p>Research Assistantship</p> <ul style="list-style-type: none">o A.N.D. College, Kanpur August 2016-Present <i>Mentor: Asst. Prof. Sangita Srivastava</i><ul style="list-style-type: none">o Research topic, "Extraversion, introversion and depression as a function of gender."o Tools used, "Extraversion and introversion inventory" by Dr. S.P. Kulshrestha and "Beck's depression inventory"o Studied the development of depression in extrovert and introvert personalities; 80 males and females; Indian; 20-28 years old.o Work in progress on a research paper for submission in a conference. o Internshipso Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany May-Dec 2014 <i>Guest researcher under Dr. Daniel S. Margulies (Group leader, Neuroanatomy and Connectivity).</i><ul style="list-style-type: none">o The research involved usage of citation practices across a body of literature to quantitatively investigate the clustering of topics, divergence of subfields and moments of change.o Explored the emergence of resting state fMRI.o Accumulated data from various scientific citations indexing services. (Web Of Science, PubMed)o Mapped and analysed resting state and mind wandering literature using the bibliometric software.o Met weekly and held Journal Club meetings with other group members. o Indian Institute of Technology, Kanpur, India Apr-Jun 2013 <i>Internship under Dr. Satyaki Roy (Head and National Coordinator)</i><ul style="list-style-type: none">o Interacted with people living in rural areas about various psychological diseases like obsessive compulsive disorder, panic attack and psychosis by the means of a radio broadcast with the help of a psychiatrist.o Studied the level of acceptance and knowledge of diseases in the people living in rural areas.o Helped in organising radio workshop at state level. o Indian Institute of Technology, Jodhpur India Jan-Jun 2012 <i>Mentor: Prof. Neeraj Gupta (Professor and Head)</i>

- o Interacted with first year students to understand their expectations from IIT, Jodhpur and counseled them accordingly.
- o Out of the counseled students, 60 percent could perform exceptionally good, both in studies and in extracurricular activities.

Course Projects

Survey of Psychological and Sociological concepts in relation to complex systems

- o Formulated a dataset and prepared a report which included fields like geographical region, religion and family income.
- o Analyzed and provided visual representation of dataset based on the fields mentioned above.
- o The programming environment was Python.

Lab Experiments(On going coursework)

Wechsler Adult Intelligence Scale (WAIS)

- o An IQ test to measure the intelligence and cognitive ability of a subject.
- o It included five tests on Digit symbol, picture completion, block design, picture arrangement and object assembly.
- o Prepared a research report of the WAIS test.

Picture Frustration (PF)

- o It is a controlled projective technique used with children
- o Intended to measure reactions to frustrating situations with the help of 24 cartoon like pictures describing something that causes frustration to the other person.
- o Prepared a research report of the PF study.

Thematic Apperception Test (TAT)

- o It is a projective test which studies the 16 personality traits.
- o Narratives the subject made up revealed their motives, concerns and the way they saw the social world.
- o Prepared a research report on the basis of theme, need, press, outcome, major conflict, interest conflict and feelings.

External Collaborative Projects

- o **Lund University, Sweden** **July 2016-Present**

Mentor: Prof. Sverker Sikstrom

- o Analysis of evolution of emotional states using different stimuli material such as faces, voices, body postures, video clips and texts .
- o Validation of semantic questions with the goal of showing that they have good/better validity than rating scales.

- o **University College Dublin** **August 2016-Present**

Mentor: Dr. Louise Mchugh

- o Systematic review on third wave interventions with children.
- o Categorized the interventions based on typical versus atypical development.
- o Study of mindfulness based interventions with children to improve their psychological and emotional states .

- o **Diego Portales University, Chile** **September 2016-Present**

Mentor: Prof Cristian Santibanez Yanez

- o Studying the acquisition and development of argumentative competence in kids.
- o Study is being done on Argentinean and Indian Kids (3-5 years old).

TRAINING

Other than Course-work

- o *Attended International Max Planck Research Schools(IMPRS) Lecture Series.*

- o *Max Planck Institute Seminars:*
 - o The Thalamus and the Neurobiological Infrastructure of Language ready Brain by Prof. Cedric Boeckx from University of Barcelona. **June 2014**
 - o Spontaneous Activity in Development of Brain and Behavior in Young Infants by Prof. Gentaro Taga from University of Tokyo. **July 2014**

Online Courses

- o **Current**
 - o Visual Perception and Brain, Medical Neuroscience and the Brain and Space by *Duke University*
 - o Understanding Memory: Explaining the Psychology of Memory through Movies by *Wesleyan University*
 - o Introduction to Systematic Review and Meta-Analysis by *Johns Hopkins University*
 - o Buddhism and Modern Psychology by *Princeton University*
 - o AP Psychology (How behavior works, how the mind works and how the brain works) by *University of British Columbia*
 - o Trends in e-Psychology by *KULeuven*
- o **Past**
 - o Introduction to Complexity by *SantaFe Institute*
 - o Introduction to Biology by *MIT*
 - o Competitive Strategy by *Munich School of Management*
 - o Introduction to Game Theory by *Stanford University*
 - o Introduction to Philosophy by *MIT*

EXTRA CURRICULAR ACTIVITIES

- o Member of Soka Gakkai International (SGI)
- o Trained Pranic Healer with The Inner Sciences India Trust
- o Second Prize in Essay Competition at College level organized by Shri Ram Chandra Mission in collaboration with the United Nations Information Centre for India and Bhutan.
- o Taught French at Delhi Public School, Kalyanpur, Kanpur
- o Taught French at GD Goenka Public School, Kanpur
- o Volunteer at Indian Cancer Society.

OTHER SKILLS

Programming Languages: Python, Visual Basic, HTML5, Netlogos, MATLAB.
Applications: CiteSpace, L^AT_EX, GingerALE, Scribe Sleuth, MS Office, Adobe Photoshop CS6.
Operating Systems: OS X, Windows7
Hobbies: Painting, Dance (Kathak), Guitar and Piano
Languages: Hindi, English, French, German and Japanese (Beginners)