

Nishita Raghu Rao

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EDUCATION

- **Alberta Family Wellness Initiative, Calgary, AB, Canada**
Brain Story Certification, December 2023
- **State University of New York, Buffalo, NY, U.S.A**
Master of Science, Neuroscience, February 2022
- **R.V. College of Engineering, Bangalore, KA, India**
Bachelor of Engineering, Biotechnology, May 2017

WORK EXPERIENCE

- **Behavioral Technician**
Centria Healthcare; Center for Social Dynamics
(July 2022- Present); (December 2021- March 2022)
ABA Therapy
Aided in implementing specialized ABA therapeutic programs and helped collect data and analyze behavioural health of individuals with ASD.
- **Staff Research Associate II**
University of California, San Francisco
(December 2021- June 2022)
Biospecimen Processing Services, Office of Research
Aided COVID-19 and OB/GYN based cancer research laboratories with Human tissue sample collection (biopsies) at the OR, IR, CT, Ultrasound, MRI and X-Ray suites; tissue and urine processing and blood fractionation.
- **Research Intern**
University of Michigan
(September 2021-December 2021)
1Cademy
Created an accessible and comprehensive map of crucial research in Neuroscience, Mindfulness and Disability studies.
- **Graduate Research Student**
State University of New York, Buffalo
(August 2019- December 2021)
Behavioural Neuroendocrinology Lab
 - Investigated the interaction between the neurocircuitries (PVN and SON) underlying hypertonic saline-induced stress and social behaviors.
 - Documented the pubertal dependence of Vasopressinergic pathway's development (BNST and MeA), the social behavior circuit.
- **Undergraduate Research Student**
R.V. College of Engineering, India
(August 2013- May 2017)
Biotechnology Lab
Isolated, extracted and characterized essential oils obtained from leaves of Mentha arvensis, Bacopa monnieri, Laurus nobilis and flowers of Hibiscus rosasinensis.
- **Summer Research Intern**
Sri Ram Murti Smarak Institute of Medical Sciences
(June 2016- August-2016)

Biochemistry Central Research Lab

Genotyped high-risk samples of Human Papillomaviruses (HPV- 16, 18 & 33) using Real-Time PCR. Part of the task force that helped extract and purify DNA from cervical samples (collected previously at the local hospital) for amplification and detection at the BSL-2.

TEACHING EXPERIENCE

- **Instructor**
Sex Positive World
2023
Designed, developed, and delivered webinars and workshops on Neurobiology of Trauma for Community members across the world.
- **Instructor**
Oh Answers
2023
Designed, developed, and delivered neuroendocrinology video shorts at the 300-400 level, for students.
- **Educator**
Sun Academy, Georgia State University
2023
Designed, developed, and delivered lesson plans and curricula as 300-400 level courses for students majoring in Public Health (Bachelors in Health Science).
- **Student Instructor**
Institute for Sexuality Education and Enlightenment
2023
Designed, developed, and delivered webinars and workshops in the fields of Neurobiology, Anthropology, Psychology and Genetics for Educators, Counselors, Therapists, Community Social Workers, etc.
- **Director and Co-founder**
R V Humane?
(2015–2017)
Drove a collaborated effort with the IDEA Foundation to establish “AmritaVidya”, a platform to encourage college students to impart interdisciplinary CBSE education to orphaned children via Art, Craft, Music, Theatre and Nature walks.