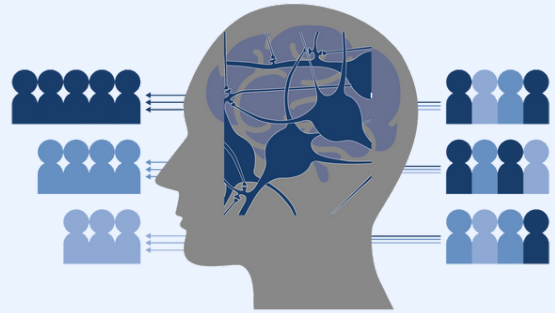


# ARNETT LAB

Newsletter



## RESEARCH FINDINGS

### *New Information on the Genetics of ADHD*

Dr. Arnett and her collaborators at Boston Children's (including Ryan Doan, PhD, of the Department of Genetics and Genomics) have a letter soon to be published in *JAMA Pediatrics* in which they report surprising new findings about the genetic causes of ADHD. ADHD has long been believed to be a "polygenic" disorder, meaning that it is caused by the total effects of many different genes. However, our recent data demonstrate that as many as 50% of cases of ADHD may be related to a single change in a person's DNA. These genetic changes may be spontaneous, occurring during conception, or they may be passed down through families. The Arnett and Doan Labs continue to collaborate on this work and are pursuing additional research funding to better understand the effects of these genetic changes on the brain.

## MEET THE TEAM

Sambridhi Subedi joined the lab in the summer of 2023 as a Clinical Research Assistant. She graduated from Boston University in May 2023 with a B.A in psychology and graphic design. She is interested in neuropsychological and developmental disorders and plans to pursue a PhD in Clinical Psychology in the future. During her free time, Sambridhi likes to read, collect stickers, and draw.



## CURRENTLY RECRUITING

**RHINO-Mites Study** is currently seeking:

- 2.5-4 year old children with or without a family member who has ADHD

**BAT Study** is now recruiting!

- 7-11-year-olds with ADHD needing a stimulant medication trial
- Exclusionary criteria include: autism, intellectual disability, seizures

**BRAVE RHINO Study** is currently seeking:

- 7-11-year-old children with anxiety
- 7-11-year-old children with anxiety + ADHD
- Healthy Controls

### CONTACT INFORMATION

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**Boston Children's Hospital**

Until every child is well™