

PRE-SURVEY LINK: <https://forms.gle/shNnJeHvmS34NFaW8>

CLASS ZOOM LINK:

<https://scrippsresearch.zoom.us/j/97085799329>

Welcome to the 2023 TSRI ARC Summer High School Mentorship Program!

Course Goals

- Foster student passion in STEM and neurological sciences
- Explore the effects of alcohol and drugs on the brain
- Engage students through multimedia curriculum formats
- Prepare students for success in future science courses

Course Materials

- Pre-recorded (asynchronous learning) lectures
- Live Zoom/Topia synchronous lectures/discussions
- Interactive websites
- Supplemental research papers and articles

New course materials will be assigned every week and accessible through our class website, Google Drive, and Topia (avatar-based spatial platform with proximity video chat)

Course Description

The course consists of 4 weeks of content and 1 week of final project work. Students are expected to view the content and complete the work assigned by the end of each week. Most importantly, students should demonstrate their understanding of the curricula through the creation of a summative media piece (artwork, video, social media post, written work, webpage, etc.)

Weeks 1-2 – June 26-July 7

June 26th

1:00PM: Amanda Roberts: Introduction to the course, health disparities, alcohol use disorder
2:00PM: Jiaxing Brisbois: Introduction to Topia; NIDA Course: “Is This Legit? Accessing Valid and Reliable Health Information”

June 27th

1:00PM: Amanda Roberts: Introduction to neuroscience and brain development
2:00PM: Jiaxing Brisbois: Brainfacts Interactive; Build a Brain Project

July 30th

1:00PM: Jiaxing Brisbois: Exploring Mice vs. Human Brains; Weekly Work Share-Out
2:00PM: Amanda Roberts: Using animals to study the brain

July 5th

Amanda Roberts IN PERSON VISIT: Neuroscience project, brief intro to accessing BioRender

July 7th

1:00PM: Alicia Avelar introduction and then recorded video
2:00PM: Alicia Avelar - BioRender tutorial, provide students a choice of figure legends to choose from to make a figure