

Thank you for your interest in the Neuroinformatics and Brain Connectivity (NBC) Laboratory. The NBC Lab is a cognitive neuroimaging research lab led by Drs. Angela Laird and Matthew Sutherland.

What We Do: The NBC Lab uses functional magnetic resonance imaging (fMRI), combined with functional connectivity, meta-analysis, and neuroinformatics approaches, to study the functional organization of the human brain. Our work focuses on understanding brain function in the context of substance use, adolescent development, and educational learning. To achieve these goals, we embrace open science principles and adopt best practices to promote reproducible neuroimaging results.

Students interested in learning more about neuroimaging can get started in our [recommended reading folder](#).

If you would like to learn more about our lab, we encourage you to take a look at:

- our [website](#), with links to our [recent papers](#) and [presentations](#)
- our [GitHub page](#)
- our [Lab Handbook](#).

Join Us! We are always looking for talented students to join the team. Undergraduate students working in the NBC Lab may contribute to one of several ongoing projects. These research activities may include assisting with literature searches, and/or the collection, processing, analysis of MRI data, or assisting with training adult and child participants at FIU's Center for Imaging Science. As this typically necessitates extensive training, a commitment of at least three semesters is needed to take full advantage of these research opportunities.

How to Apply: Interested students are invited to prepare an application package and email it to neurolab@fiu.edu. Your application materials should be attached to an email with the following subject line: "*NBC Lab Undergraduate Research Application*".

- 1) Complete the application form and save it with your full name: "*FIRST_LAST_application.docx*". Please answer the questions with as much information as you can about you and your research interests and use as much space as you need. We receive many applications each semester and additional details are helpful to us in evaluating your application to determine the best fit for you on our projects.
- 2) Provide your most recent resume or curriculum vitae as an email attachment.
- 3) Provide your unofficial transcripts or degree audit as an email attachment.