

PROGRAM OUTLINE

During PURPLE, selected students will be paired with a faculty mentor to conduct a mentored research project. Students will also: 1) attend in-class sessions to learn basic research and effective scientific communication skills, 2) receive coaching on professional development skills and applying to graduate school, and 3) complete clinical shadowing opportunities. Research and didactic activities may include but are not limited to the following:

Competency	Individual Tasks	Learning Goals
Scientific Thinking and Using Tools of the Discipline	<ul style="list-style-type: none"> Literature search and writing a literature review Developing a research proposal Pitching your ideas to funders Shadowing study visits 	<ul style="list-style-type: none"> Practice the scientific method from the proposal stage through implementation and closeout Gain skills with various scientific tools
Data Manipulation	<ul style="list-style-type: none"> Data collection and data entry Data analysis Data visualization 	<ul style="list-style-type: none"> Familiarity with data manipulation techniques, including basic statistics Develop skills in collecting, analyzing, summarizing and reporting data
Scientific Communication	<ul style="list-style-type: none"> Designing a scientific poster and oral presentation Presenting research to a scientific audience Writing up results 	<ul style="list-style-type: none"> Develop confidence in communicating research outcomes to a real-world audience
Career and Graduate School Preparation	<ul style="list-style-type: none"> Workshops on various research skills, graduate school and career preparation Directed readings Panel discussions Campus and facilities tours Clinical shadowing 	<ul style="list-style-type: none"> Prepare for careers and graduate education in behavioral health, psychiatry, and psychology Gain exposure to the major concepts and controversies in the discipline Explore potential job and educational pathways
Collaboration and Networking	<ul style="list-style-type: none"> Collaborate with diverse teams, cohort members, and faculty Networking with notable thinkers in the discipline 	<ul style="list-style-type: none"> Professionally present your personal brand Learn to work with diverse teams Connect with real scientists doing the work of the discipline

Students in previous cohorts have indicated **this is an intensive program requiring a significant time commitment.** If selected, students should plan their other summer commitments accordingly.

Resources for Locating Talent Development Programs

NAGC Resource Directory: NAGC's list of all resources, which can be sorted by phrase, city, and type of program.

Web: http://giftedandtalentedresourcesdirectory.com/Listing/Index/Schools_Programs/Summer_Camp_Academic_ProgramsWeekend_Programs/7815/30

NAGC Summer Enrichment: Information from the NAGC on locating appropriate summer enrichment placements.

Web: <http://www.nagc.org/resources-publications/resources-parents/planning-summer>

Center for Bright Kids: Information on talent development centers, schools and programs

Web: <https://www.centerforbrightkids.org/resources.php>

University of Colorado Psychiatry Undergraduate Research Program and Learning Experience (PURPLE): An undergraduate talent development program in Colorado for students interested in psychiatry, psychology, research, and clinical work

Web: <http://j.mp/39AsR72>

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