

# CLINICAL SCIENTIST RESEARCH (CSR)

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## CSR 700: Clinician Scientist Research I

16 Credits/Maximum of 16

The Clinician Scientist Training Pathway (CSTP) Research-1 course provides curricular credit for student research performed within the Penn State College of Medicine CSTP and supervised by a faculty research advisor. As a prerequisite for this course, students must have been accepted into the CSTP. The CSTP Research-1 course is taken concurrently with the one-credit Clinician Scientist-1 course (CLINSCI-1). The CSTP Research-1 course is a semester-long longitudinal course. Entry point for the course is July of the Fall Semester. During the CSTP Research-1 course, the student will work with a research advisor to develop a final research proposal that is specific and attainable in the time specified and begin to carry out their research under the supervision of their research advisor. A student must plan and carry out a research project in which the student makes significant contributions to data collection, analysis, and preparation of a research project and reports on research in progress. Students may choose to perform research in any health-related area, including basic science, clinical science, systems science, humanities, medical education or social sciences research. The successful student will demonstrate progress in their research through research reports through the semester and verbal updates as determined by the student and advisor, based on the research project.

**Prerequisite:** Completion of all Phase II requirements, and USMLE-Step 1. Completion of a preliminary research proposal and acceptance into the Clinician Scientist Training Pathway.

## CSR 701: Clinician Scientist Research II

16 Credits

The Clinician Scientist Training Pathway (CSTP) Research-II course provides curricular credit for student research performed within the Penn State College of Medicine CSTP and supervised by a faculty research advisor. As a prerequisite for this course, students must have been accepted into the CSTP and successfully completed the Clinician Scientist -1 course (CLINSCI-1). The CSTP Research-II course is taken concurrently with the one-credit Clinician Scientist-2 course (CLINSCI-2). The CSTP Research-II course is a semester-long longitudinal course. Entry points for the course is January of the Spring Semester. This course must be taken sequentially after CLINSCI-1 course. During the CSTP Research-II course, the student will work with a research advisor to complete their research in progress. A student must plan and carry out a research project in which the student makes significant contributions to data collection, analysis, and preparation of a research project and reports on research in progress. Students may choose to perform research in any health-related area, including basic science, clinical science, systems science, humanities, medical education or social sciences research. The successful student will demonstrate progress in their research through research reports through the semester and verbal updates as determined by the student and advisor, based on the research project.

**Prerequisite:** Completion of all Phase II requirements, USMLE-Step 1 and the Clinician Scientist-1 course (CLINSCI-1).