



Bench Fundamentals of Translational Research Course

The Bench Fundamentals of Translational Research (M17-553) course will again be offered this summer through the Clinical Research Training Center (CRTC). The course will introduce fellows-in-training and future physician scientists to the core principles of scientific investigation. This unique two-week intensive format will combine theoretical knowledge with practical, hands-on application to provide an understanding of common and new innovative research approaches. The first week consists of online lectures by distinguished researchers which is followed by a second week of hands-on laboratory experiences. [Syllabus \(pdf\)](#)

Week 1 | July 17 - 21

Over 20 lectures by distinguished WU researchers

Gene & Protein Function | Proteomics & Mass Spectroscopy | DNA/RNA Techniques & Basic PCR | FACS Analysis | Animal Models | And More

Week 2 | July 24 - 28

10 Hands-on Laboratory Sessions, 10 a.m. - 4 p.m.

ELISA | Electrophoresis | Western Blot | DNA Extraction & PCR | Basic Lab Animal Handling | And More

REGISTRATION

To register, return the completed [Registration Form](#) to crtcmsci@email.wustl.edu by July 10th.

IMPORTANT STUDENT LOAN INFORMATION

Enrolling in courses could result in your student loans entering a deferment status. Typically 4.5 credit hours or more in the fall or spring semesters, and 3 credit hours or more in the summer semester will trigger student loan deferment. Contact your lender with questions or to waive deferment.

Attachments:

 [Bench Fundamentals Course 2017 Flier](#)
