

ATTACHMENT 2 – TRAINING PROGRAM CHECKLIST

The Case Medical Student Summer Research Program (MSSRP)

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Training Program Checklist

Case MSSRP Faculty Mentors:

- Identify and set defined expectations for the summer research experience.
- Assist students with any required IRB or IACUC applications.
- Assist students in identifying their SPECIFIC ROLE(S) in the project.
- Review the student's research proposal (~1000 words).
- Provide space and resources necessary for the project.
- Assist with statistical analysis (if necessary).
- Include student trainee in all team activities (group meetings, journal clubs, etc.)
- Meet with student weekly during the 8-week summer research period to review progress and provide direction.
- Complete final student evaluation within one week of the end of the summer research experience.
- Provide advice to trainees on career paths for becoming a clinician investigator.

Case MSSRP Student Trainees

Application Process

- Identify a Case MSSRP faculty mentor and feasible 8-week summer research project.
- Identify and set defined expectations with the mentor for the summer research experience.
- Complete any required IRB or IACUC applications for research involving humans or vertebrate animals.
- Work with mentor to clearly identify your SPECIFIC ROLE(S) in the project.
- Submit a student's research proposal (~1000 words) and program application by February 10.

8-Week Summer Research Period

- Complete a 5-min oral presentation on your proposed research to the faculty for feedback and critique.
- Complete IBMS 500 course "On Being a Professional Scientist" (15hrs, Responsible Conduct of Research).
- Complete any required training for research involving humans, vertebrate animals, lab safety or radioisotopes.
- Spend at least 40 hrs per week engaged in active research.
- Participate in all team activities associated with your mentor's research (group meetings, journal clubs, etc.).
- Participate in the Case MSSRP 3-day short-course on NIDDK-related research methodologies.
- Participate in Journal Club.
- Meet with faculty mentor and Program Director weekly to review progress and receive direction.

Post-Summer Research Period

- Complete a mentor evaluation form within one week of the end of the summer research experience.
- Submit abstract for the LePow Student Research Day.
- Present a poster, and possibly an oral presentation, on your completed research at LePow Research Day.
- Investigate the option of extending your summer research project for the 4-month Research Block during Year 3.
- Consult with your mentor regarding possible submission of a manuscript to a peer-reviewed journal