

Molecular and Translational Medicine

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Mission: *To provide rigorous research and didactic training in the basic, preclinical, and translational sciences of human diseases so that students develop the ability to translate basic and clinical discoveries into better public health and clinical care.*

Maximum Number of Students/year: 20

Student selection process:

During their first year, students will submit an application, through the Scholarly Concentration website (<https://med.uth.edu/oep/scholarly-concentrations-program/>). Thereafter, application will be reviewed, applicants interviewed, and letter of acceptance issued by the program directors. The program directors will be responsible for assisting the student identify a mentor (if needed), monitoring the student's progress, and designing an individual core curriculum for the student.

Only students in good academic standing will be admitted.

Timeline (year by year) for student completion of concentration requirements:

Year 1

- Apply to the program
- Identify a mentor
- Enrollment in a Summer Research Program between years 1 and 2 (for at least 8 weeks, 40 hours a week).
- Attend lab meetings, seminars, and/or journal clubs as required by the mentor
- Attend summer research program lecture series run by the C-STEP program

Year 2

- Continue with research
- Continue with individual curriculum of study.
- Attend lab meetings, seminars, and/or journal clubs, as required by mentor and research focus.
- Meet with mentor at least twice

Year 3

- Continue with individual curriculum of study.
- Meet with mentor at least twice
- Attend lab meetings, seminars, and/or journal clubs as required by mentor.

Optional: Enroll in the Scholarly Concentration Third Year Elective (SCHO 3030).

Year 4

- Senior research elective in area of interest.
- Submit a final written version of the research project to the mentor and program directors.
- Attend lab meetings, seminars, and/or journal clubs as required by the mentor.

