

1098-97-257 **Luis A. Melara*** (lamelara@ship.edu), 1871 Old Main Drive, Shippensburg, PA 17257-2299.
Mentoring Undergraduates through Research in Mathematical Biology.

In this presentation, the speaker will share his experiences as a faculty participant in the Mathematical and Theoretical Biology Institute (MTBI) at Arizona State University. The MTBI summer program was founded by Carlos Castillo-Chavez in 1996. Over time, the program has encompassed graduate students, post-docs and faculty. The speaker first participated in MTBI in 2010. The presenter will also describe the mentorship process embraced by the program as well as discuss the profile of student participants, the student-driven research projects and the mentorship and advising practices embraced by MTBI faculty, post-docs and graduate students. (Received January 27, 2014)