

Youngmin Park

At UF since August 2022, now's the end of his third year.

Teaching: Taught 4 courses: MAP4489/5489, MAS4104, MAS 4115, MAT6932/4930.
Consistently high evaluations: 3.62 for MAS 4105. Math Bio course 4.74 and 5.00,
3.89/5.00 for MAT 6932/4930.

Research: Has total of 16 papers since 2012, 3 with PhD advisor Bard Ermentrout.
4 papers since 2022 (journals: SIADS, Phys Rev E, SIAP, JMB).

Research topics: Ongoing-systems of strongly coupled oscillators, models of
intracellular transport.

New - model of sepsis response (with Jing Pan from UF EE) and model of short-term
memory for spatial
navigation (with Andrew Maurer, UF Neuroscience).

External funding:

Pending: PI on collaborative research NSF grant submitted in November, 2024,

Co-PI on a UF seed grant, also submitted in November, 2024.

Not funded: PI on A Simons collaboration February 2025,

PI on collaborative research NSF grant submitted in November, 2023.

Service: postdoc and lecturer hiring committees, colloquium and travel committee,
computer

and technology, Little by Little.

Activities somehow not listed in the file: organizes the Biomath seminar, in 2023-24 was
actively involved with the UF Math Circle.