

MIKE BINDER

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Department of Mathematics
University of Florida, Gainesville, FL

Education:

PhD Candidate, Mathematics, expected graduation – May 2019
University of Florida, Gainesville, FL
Research: Epidemic Model of Zika and Dengue.
PhD thesis advisor: Sergei Pilyugin, PhD.

Master of Science, Mathematics, 2016
Concentration: BioMath Modeling
University of Florida, Gainesville, FL.

Bachelor of Science (with Honours), Mathematics , 2012
University of Windsor, Windsor, Ontario, Canada.

Bachelor of Engineering, Chemical Engineering, 1994
McMaster University, Hamilton, Ontario, Canada.

Work Experience:

Lecturer 2014 - present
Department of Mathematics, University of Florida, Gainesville, FL
Courses: Precalculus with Trigonometry, Math for Liberal Arts Majors 2
Duties: Responsible for all aspects of the course (web page, lectures, discussion classes, exams, quizzes, homeworks, office hours, grading , etc.

Teaching Assistant 2013 - present
Department of Mathematics, University of Florida, Gainesville, FL
Courses: Precalculus with Trig Functions, Calculus 1, Calculus 2
Duties: Hold discussion sessions, prepare quizzes, proctor and grade exams, hold office hours.

Tutor 2016 – present
MathLab, Department of Mathematics, University of Florida, Gainesville, FL
Duties: Assist undergraduate students with basic math courses (up to Calculus 1).

Computer Skills: C++, Matlab, LaTeX.

Publications:

M. Binder, S. S. Pilyugin, (2018), Stability analysis of a deterministic model of Zika/Dengue co-circulation, International Journal of Biomathematics, in press.