

EVAN JOSEPH CURCIO
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EDUCATION

Ph.D. in Biomathematics Aug 2018 - Present
North Carolina State University – Raleigh, NC
Applying Continuum Mechanics to Stomach Morphogenesis and Biomechanics of Notochords
Advisor: Prof. Sharon R. Lubkin

M.A. in Statistics and Applied Mathematics (focus in Applied Mathematics) Aug 2012 – May 2014
Hunter College of the City University of New York (CUNY) – New York, NY
Master’s Project: Investigating the Parameter Space of a Coupled PDE Model for Chemotaxis
Advisor: Prof. John Loustau

B.A. in Mathematics Sep 2008 – June 2012
University of Washington – Seattle, WA

SKILLS AND AWARDS

COMSOL, MATLAB, R, Mathematica, Java, Tableau Desktop/Prep, TIBCO Spotfire, SQL, LaTeX, MS Office Suite
Lucas Service Award – Department of Biomathematics, NCSU Aug 2019 – Jul 2020
Lucas Best First Year Student Award – Department of Biomathematics, NCSU Aug 2018 – Jul 2019
Dr. Thomas Hunter Mathematics Prize – Department of Mathematics, Hunter College Aug 2013 – May 2014
NSF Fellowship, Research Training Group in Parameter Estimation for Mechanistic Biological Models Aug 2018 – Jul 2020

TEACHING EXPERIENCE

North Carolina State University – Raleigh, NC
Instructor of Record – MATH 131 (Calculus for Life Sci I) Aug 2021 – Dec 2021

North Carolina State University – Raleigh, NC
Instructor of Record – MATH 107 (Precalculus I) Aug 2020 – May 2021

Hunter College of the City University of New York (CUNY) – New York, NY
Instructor of Record – MATH 385/685 (Numerical Methods) Jun 2013 – May 2014

CONFERENCES & WORKSHOPS

Embryology: Concepts and Techniques in Modern Developmental Biology 2021 – Marine Biological Laboratory, Woods Hole, MA
Contributed Talk: Computational and Mathematical Methods in Science and Engineering (CMMSE) 2015 – Cadiz, Spain
Contributed Talk: Engineering and Computational Mathematics (ECM) 2013 – The Hong Kong Polytechnic University

SERVICE

North Carolina State University Student Government
Student Senator – Graduate and Lifelong Education Mar 2020 – Feb 2021

NCSU Biomathematics Graduate Student Association
President May 2019 – Apr 2020

City University of New York SIAM Student Chapter
Co-Founder/Vice President Sep 2013 – May 2014

PROFESSIONAL AND INDUSTRIAL EXPERIENCE

Disney Streaming Services/BAMTECH Media – New York, NY
Senior Data Analyst Mar 2018 – Aug 2018

JetBlue Airways Corporation – Long Island City, Queens, NY
Senior Analyst, Systems Aug 2016 – Mar 2018

JetBlue Airways Corporation – Long Island City, Queens, NY
Analyst, Revenue Management & Revenue Analysis Jul 2014 – Aug 2016

Prof. Wenying Shou Lab – Fred Hutchinson Cancer Research Center, Seattle, WA
Undergraduate Research Assistant Sep 2009 – Jul 2010

MEMBERSHIPS

- Society for Mathematical Biology (SMB)
- Society for Developmental Biology (SDB)
- Society for Industrial and Applied Mathematics (SIAM)