

Seena S. Mathew PhD, MPH

SELECTED PROFESSIONAL EXPERIENCE

THE UNIVERSITY OF MARY HARDIN-BAYLOR, Belton, TX

Assistant Professor, Biology Department: College of Humanities and Sciences, Aug. 2019-present

- Teach undergraduate biology courses for biology, nursing, pre-PT, pre-OT, and PA students

SOUTH UNIVERSITY, Austin, TX

Program Director: Health Science and Public Health, Aug. 2014-July 2019

- Advise and coach over 200 students on classes, study habits, and life each quarter
- Create budget and order lab supplies – stayed under budget all 4 years
- Collaborates with instructors to provide support to designated areas
- Monitor student progress and reach out to students who begin to struggle in classes and establish a plan for success
- Implement university policy and ensure accreditation standards
- Leads program-wide projects to increase public health awareness with local stakeholders
- Interview, select, and train all faculty members
- Handle employee and student complaints
- Maintain student and employee records and suggest awards or promotions when applicable

THE UNIVERSITY OF TEXAS AT AUSTIN, Austin, TX

Lecturer: Biological Instructional Office, Jan 2011-May 2014

- Involved in Course Transformation project to move from lecture based to activity-based classrooms
- Led outdoor classroom experiences to increase awareness of biological and environmental issues within the campus
- Trained Teaching Assistants and helped create teaching materials for classes
- Advised students on study skills, college life, and how to balance work and school

AUSTIN COMMUNITY COLLEGE, Austin, TX

Adjunct Associate Professor: Biology, Jan 2010-May 2014

- Involved in Teacher Evaluation Committee and Provost Search Committee
- Created all PowerPoints, worksheets, exams, quizzes, and activities used for classes.
- Participated in weekly departmental meetings and semester retreats.

FUNDING

THE UNIVERSITY OF TEXAS AT AUSTIN

Faculty Fellows Dining Program, 2013-2014

- Funding received from the University of Texas at Austin College of Natural Sciences

THE UNIVERSITY OF TEXAS AT AUSTIN

Faculty Mentor for Residential Hall Assistant, 2013-2014

- Funding received from the University of Texas at Austin Residential Life Department

CERTIFICATIONS

Mental Health First Aid USA Training Certificate, 04/2018 – 04/2021

- Provide initial help to people experiencing problems such as depression, anxiety disorders, psychosis, and substance use disorders

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SELECTED PUBLICATIONS

- Mathew SS, Hablitz JJ (2011) Presynaptic NMA receptors mediate IPSC potentiation at GABAergic synapses in developing rat neocortex. PLoS One. 18;6(2): e17311.
- Hablitz JJ, Mathew SS, Pozzo-Miller L (2009). GABA vesicles at synapses: Are there two distinct pools? The Neuroscientist. 15:218-224.
- Mathew SS, Hablitz JJ (2008). Calcium release via activation of presynaptic IP3 receptors contributes to kainate-induced IPSC facilitation in rat neocortex. Neuropharmacology. 55(1):106-116.
- Mathew SS, Pozzo-Miller L, Hablitz JJ (2008) Kainate modulates presynaptic GABA release from two vesicle pools. J. Neuroscience. 28(3):725-31.
- Campbell SL, Mathew SS, Hablitz, JJ (2007). Pre- and postsynaptic effects of kainate receptor activation in rat prefrontal cortex. Neuropharmacology 53:37-47.

SELECTED VOLUNTEER EXPERIENCE

- Caritas of Austin – Community Kitchen Volunteer 2018-present
- Board member: PLANCTX, Working on Behalf of those with Mental Health Challenges 2013-2016
- Learning Ally, Reading for the Blind and Dyslexic, 2010 – 2015
- Middle School and High School Science Fair Judge, 2008 – present

SELECTED STUDENTS MENTORED

Featuring Diverse Student Degree Programs

- 2018 Michaela Garcia – Health Science
- 2016 Suzana Josic – Health Science
- 2014 Janice Maliakkal – Plan II Honors/Economics
- 2013 Caitlin Lee – Kinesiology

EDUCATION

University of Alabama at Birmingham, Birmingham, AL

Doctor of Philosophy

- GPA 3.82
- Learned problem solving, innovation skills, and how to speak to diverse audiences

South University, Pittsburgh, PA

Master in Public Health

- GPA 3.93
- Learned data analysis, budgetary skills, and how to be an effective team member

ADDITIONAL SKILLS

- Teamwork
- Leadership
- Adaptability
- Decision Making
- Public Speaking

Unabridged version of CV available upon request