

John Argentino

Pronouns: He/him

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Education

In progress (Expected 2026)	Ph.D. in Mathematics Dissertation Title: <i>Time Series Methods for Measuring Community Resilience and Modelling Food Insecurity</i> Tulane University, New Orleans, LA
2024	Ph.D. Candidacy Tulane University, New Orleans, LA
2019	B.A. in Mathematics, B.A. in Arabic Duke University, Durham, NC
2017	Università di Bologna (Study Abroad) Bologna, Italy
2016	ALIF Institute (Study Abroad) Fez, Morocco

Research

Interests: Time Series Analysis, Random Matrix Theory, Food Insecurity, Environmental Justice

2023-24	Research Assistantship (with Dr. Michelle Lacey) supporting the World Food Programme in modeling mobile survey data assessing food security in countries receiving Covid-era WFP support
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Conference Experience

2024	Primary Conference Organizer (with Dr. Kalina Mincheva) 5 th annual Math for All Conference in New Orleans
2023	<i>Language, Statistics, and Human Rights</i> Tulane Conference on Linguistics (T-Col)
2023	Primary Conference Organizer (with Dr. Kalina Mincheva) 4 th annual Math for All Conference in New Orleans

Teaching Experience

Fall 2024

Math 1231: **Stats for Scientists**
TA for Alex Nisbet
Tulane University

Math 1231: **Stats for Scientists**
TA for Sang-Eun Lee
Tulane University

Spring 2024

Math 1231: **Stats for Scientists**
TA for Dr. Lifeng Han
Tulane University

Math 3081: **Intro to Statistical Inference**
TA for Dr. Samuel Punshon-Smith
Tulane University

Fall 2023

Math 1231: **Stats for Scientists**
TA for Dr. Lifeng Han (2 sections)
Tulane University

Spring 2023

Math 3081: **Intro to Statistical Inference**
TA to Dr. Michelle Lacey
Tulane University

Math 1110: **Probability and Statistics**
TA to Dana Ferranti
Tulane University

Fall 2022

Math 1231: **Stats for Scientists**
TA to Dr. Scott Mckinley
Tulane University

Math 1150: Long Calculus I
TA to Dr. Maurice Dupre
Tulane University

Spring 2022

Math 3081: **Intro to Statistical Inference**
TA to Dr. Michelle Lacey
Tulane University

Math 1150: **Long Calculus I**
TA to Nestor Diaz Morera
Tulane University

Fall 2021	Math 1210: Calculus I TA to Dr. Ali Mohajer (2 sections) Tulane University
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Fall 2019	Form III Mathematics Maki Secondary, Kilimanjaro, TZ
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Service to the University

2024-2025	President , American Mathematical Society Tulane Chapter
2022-23	President , American Mathematical Society Tulane Chapter
2021-22	Vice-President , American Mathematical Society Tulane Chapter

Public Engagement

2023-present	Research Assistant (to Dr. Michelle Lacey) United Nations World Food Programme Tulane University
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2021-present	Mentor Son of a Saint New Orleans, LA
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2019-2020	United States Peace Corps Volunteer Mathematics Teacher Marangu-Kitowo, Tanzania
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Languages of study

Languages:	English (native) Italian (advanced) Arabic (advanced) Swahili (advanced) Spanish (advanced)
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Professional Memberships

2021-present	American Mathematical Society (AMS)
2021-present	Society for Industrial and Applied Mathematics (SIAM)

