

# HECTOR ROSARIO, Ph.D.

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## PROFESSIONAL SUMMARY

Nationally recognized educator, consultant, and published author with 28 years of experience in mathematics education across K–12, higher education, and international outreach. Award-winning innovator with proven proficiency in curriculum design, educational leadership, and cross-cultural collaboration in academic, athletic, and nonprofit settings.

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## EDUCATION

**Columbia University**, Ph.D. (2003), M.Phil. (2002), M.A. (1999) in Mathematics Education  
**University of Puerto Rico**, B.S. in General Science, 48 credits in Mathematics and 24 credits in Physics (1997)

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## LEADERSHIP & CONSULTING

### Florida Philanthropic Network

Math Consultant (01/2024–12/2024)

### CYFEMAT, the International Network of Math Circles and Festivals

Executive Director and Founder (07/2021–2025)

### Julia Robinson Mathematics Festival

Director of Outreach and Festivals (06/2018–07/2021)

### Mathnasium of Chapel Hill

Center Director (01/2016–12/2016)

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## UNIVERSITY APPOINTMENTS

### University of Florida

Courtesy Professor with the Department of Mathematics (10/2019–Present)

Co-Founder of the UF Math Circle

### Universidad Pedagógica Nacional Francisco Morazán, HONDURAS

Visiting Professor to the Graduate Program in Mathematics Education (12/2007)

### University of Puerto Rico at Mayagüez, Department of Mathematical Sciences

Professor (07/2014–06/2015); Associate Professor (07/2007–06/2014); Assistant Professor (07/2003–06/2007)

### Columbia University

Adjunct Instructor at the School of General Studies (01/2003–05/2003)

Adjunct Instructor at Teachers College (01/2003–03/2003)

### The City College of the City University of New York

Instructor (09/2001–05/2002)

### University of North Carolina at Chapel Hill, Correctional Education Program

Visiting Lecturer (11/2016–6/2017)

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## K-12 APPOINTMENTS

### The Frazer School

Teacher (01/2026–Present)

### Mebane Middle School, Alachua County Public Schools

Teacher (03/2025–01/2026)

### Professional Academies Magnet @ Loftan High School, Alachua County Public Schools

Teacher (08/2022–06/2024)

### Eastside High School, Alachua County Public Schools

Teacher (12/2021–06/2022)

**South Gwinnett High School**, Gwinnett County Public Schools

Teacher (07/2017–05/2019)

**North Carolina School of Science and Mathematics**

Instructor (08/2015–06/2016)

**Martin Luther King, Jr. High School**, NYC Department of Education

Teacher (09/1997–08/1999)

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## **SPORTS & FITNESS**

### **Aguila Athletics**

Boxing Coach (05/2025–Present)

**Alachua Soccer League**, Alachua County Public Schools

Coach (2023;2025)

**Gainesville Soccer Alliance**, Alachua County Public Schools

Coach (2024)

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## **CERTIFICATIONS**

- Florida Professional Teaching Certificate (2021–2031)
    - Math (6-12), Earth-Space Science (6-12), Elementary Education (K-6), and Physical Education (K-12)
  - USA Boxing Coach
    - Silver (2025–Present)
    - Bronze (2025)
    - Green (2024)
  - U.S. Soccer National D Coach
    - 2023–Present
  - American Heart Association Heartsaver<sup>®</sup> for K-12 School
    - 2024–2026
  - Sivananda Yoga Teacher
    - 2002–Present
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## **AWARDS**

- Rosenthal Prize for Innovation and Inspiration in Math Teaching (2018 Runner-up)
    - Awarded by the National Museum of Mathematics (MoMath) “to recognize and promote hands-on math teaching in the upper elementary and middle school classrooms.”
  - Gwinnett Alliance for Gifted Education Hughes Award (2018)
    - Awarded “to any individual, club, business, corporation, or civic group who made an outstanding contribution to Gwinnett County Public Schools’ gifted program.”
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## **BOOKS**

- [\*Mathematical Outreach: Explorations in Social Justice around the Globe\*](#). (2019). Hector Rosario (Ed.). World Scientific Publishing, Singapore
  - [\*Math Makes Sense! A Constructivist Approach to the Teaching and Learning of Mathematics\*](#). (2016). Ana H. Quintero and Héctor Rosario. Imperial College Press, London
  - [\*Mathematics and Its Teaching in the Southern Americas\*](#) – with an introduction by Ubiratan D’Ambrosio. (2015). Héctor Rosario, Patrick Scott, & Bruce Vogeli (Eds.). World Scientific Publishing, Singapore
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## **LANGUAGES**

- Bilingual fluency in English and Spanish
- Professional working proficiency in Portuguese