

# HECTOR ROSARIO, Ph.D.

<https://cyfemat.org>

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## EDUCATION

**Columbia University**, Ph.D. (2003) and M.Phil. (2002) in mathematics education

**Dartmouth College**, Two years of doctoral studies in mathematics (1999-2001)

**Columbia University, Teachers College**, M.A. in mathematics education (1999)

**University of Puerto Rico**, B.S. in general science with 48 credits in mathematics and 24 credits in physics (1997)

**United States Air Force Academy**, Honorably discharged (1992-1993)

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## CERTIFICATIONS

- Florida Professional Certificate (2021-2026)
  - Mathematics (6-12), Earth-Space Science (6-12), and Elementary Education (K-6)

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## CURRENT APPOINTMENTS (as of November 2022)

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

**Executive Director and Founder** (07/2021 – Present)

- Lead a 501(c)(3) nonprofit organization with the mission to organize and support math circles and festivals around the world.

**University of Florida**

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

- Coordinate outreach activities in the form of math circles and festivals.

**Professional Academies Magnet @ Lofton High School**, Alachua County Public Schools

Teacher of Mathematics (08/2022 – Present)

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## PREVIOUS APPOINTMENTS

**Julia Robinson Mathematics Festival**

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

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

Teacher of Mathematics (07/2017 – 05/2019)

**North Carolina School of Science and Mathematics**

Instructor of Mathematics (08/2015 – 06/2016)

**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)

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

Teacher of Mathematics (09/1997 – 08/1999)

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## AWARDS

- Rosenthal Prize for Innovation and Inspiration in Math Teaching (02/2019), First runner-up (\$5,000)
- Gwinnett Alliance for Gifted Education Hughes Award (04/2018)

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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

- English, Spanish, Portuguese, French, Sanskrit