# THE NEXT GENERATION OF MATHEMATICS

## Early-career AMS members take a moment to share a little about themselves:

#AMSMember

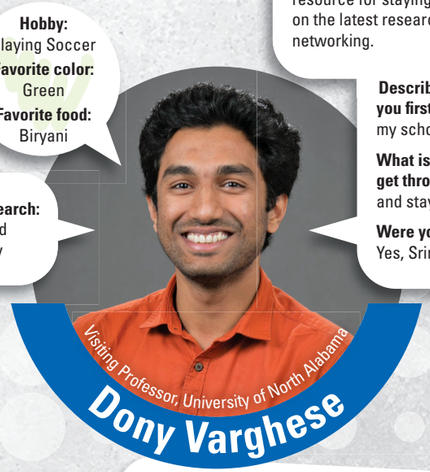
**Maria Amarakristi Onyido**
Assistant Professor, Northern Illinois University

**Favorite memory from an AMS event:** The excitement of seeing the big mathematicians whose papers I've read.

**Were you inspired by a mathematician?:** I was inspired to study math just in order to make it simpler for others. This is because I was the only one that passed math in my graduating high school class and I thought this could be simpler because I believed my classmates were smart too.

**Favorite color:** Blue

**Field of research:** Differential Equations



**Dony Varghese**
Visiting Professor, University of North Alabama

**Hobby:** Playing Soccer
**Favorite color:** Green
**Favorite food:** Biryani

**Field of research:** Matroid Theory

**What does the AMS mean to you?:** The AMS is a good resource for staying up-to-date on the latest research and networking.

**Describe a situation when you first fell for math:** When I won the math competition at my school during the 7th grade.

**What is the best piece of advice you received that helped you get through graduate school?:** Think about the end product and stay positive.

**Were you inspired by a mathematician?:** Yes, Srinivasa Ramanujan

**Mariam Khachatryan**
Assistant Professor, Augustana University

**Favorite memory from an AMS event:** Meeting my friends and seeing old colleagues.

**Field of research:** Statistics and Applied Mathematics

**Describe a situation when you first fell for math:** I was at middle school when I first took a geometry class. I was totally fascinated with the elegance and the beauty of mathematics. Geometry helps discover patterns and understand the world around us.

AMS American Mathematical Society
*Advancing research. Creating connections.*

**Vicki Modisette**
PhD Candidate, University of Louisville

**Hobby:** Harpist (I've played for a former prime minister of England)

**Field of research:** Probability and Statistics

**What does the AMS mean to you?:** Math has always been a way to connect with a community of people who love what I love. The AMS has enabled that connection at both my institution and more broadly at conferences and online.

**Rachidi B. Salako**
Assistant Professor, University of Nevada, Las Vegas

**Hobby:** Soccer

**Field of research:** Applied Mathematics

**What does the AMS mean to you?:** Opportunity, Growth, Success

**What do you think is the most important service the AMS offers?:** Conferences, Opportunities

**Grant Molnar**
PhD Candidate, Dartmouth College

**Favorite number:** Mertens Constant

**Field of research:** Analytic Number Theory

**How would you describe math to a non-math person?:**
The rhythm of a metered rhyme:

*The fractal shape of falling snow*
*A contour changing over time,*
*both swift and slow*
*The logos of the wise and great*
*The mind unlocked, alert, and free*
*The dance of chaos, facing fate.*

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