

Latinxs and Hispanics in Mathematical Sciences



Adam J. Castillo

Adam Castillo grew up in Austin, Texas, as a second-generation Mexican-American. He received his undergraduate degree in Mathematics from St. Edward's University and his master's degree in Applied Mathematics from The University of Texas at San Antonio. He was a 2009-2010 National Math Alliance Scholar before transitioning to mathematics education. Teaching as a graduate student in a master's program and at a local community college had a substantial impact on his decision to pursue a doctoral degree in mathematics education as opposed to applied mathematics. Adam completed his Ph.D. in Mathematics Education at The University of Texas at Austin in August 2017 under the co-supervision of Jill Marshall and Uri Treisman. Serving as a graduate research assistant on NSF-supported projects and as a graduate teaching assistant for the UTeach STEM teacher preparation program helped him to better understand what it meant to understand, learn, and teach mathematics. Adam also worked as a graduate research assistant at the Charles A. Dana Center at UT-Austin where the goal was to ensure all students have equitable access to excellent mathematics and science education. His dissertation research focused on two-year college mathematics faculty perceptions and use of small-group learning. After completing his doctoral degree, Adam moved to Miami where he is currently a Visiting Postdoctoral Associate at Florida International University. Adam was named a Mathematical Association of America Project NExT Fellow in August 2018.

Adam is currently teaching introductory calculus courses and designing, implementing, and conducting research on a recently funded, NSF-supported calculus initiative that seeks to improve student outcomes in a normative calculus sequence. Adam's other research interests include understanding two-year college mathematics faculty perceptions and use of active learning techniques, improving student success in postsecondary mathematics, and ensuring that equitable access to high-quality mathematics education is available to all students, particularly those underserved, to help prepare them for success in college and future careers.

"Hispanic Heritage Month is a time to remember and acknowledge Hispanic and Latinx culture and history. It is also a time to share our roots and stories about who we are and how we are influenced by Hispanics and Latinxs. I am thankful for the effort of Lathisms for showcasing the contributions that Hispanics and Latinxs are making in mathematical sciences."

Lathisms was founded in 2016 in order to showcase the contributions of Latinx and Hispanic mathematicians during Hispanic Heritage Month, which is celebrated in the United States from September 15 and October 15 every year. During this time, we feature/reveal a prominent Latinx/Hispanic mathematician daily. See all the featured mathematical scientists at LATHISMS.ORG.

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