

# Latinxs and Hispanics in Mathematical Sciences



## Jonathan Montaña

Jonathan Montaña was born in Barranquilla, Colombia. He finished his undergraduate studies in mathematics at Universidad Nacional de Colombia, Bogotá in 2008. He was granted one of the Outstanding Graduate Students Fellowships from this university while working on his master's, which he obtained in 2009. He joined Purdue University in the fall of 2009 as one of the recipients of the Ross Fellowship. While pursuing his graduate studies he was one of the members of the Mathematical Sciences Research Institute (MSRI) in the fall of 2012. Montaña was awarded the Bisland Dissertation Fellowship from the College of Science during the course of his last academic year at Purdue, where he earned his Ph.D. in Mathematics in 2015 under the direction of Bernd Ulrich. Upon graduation, Montaña joined the University of Kansas for a three-year postdoctoral appointment in the fall of 2015. During the summer of 2018, he was granted an extended research visit at the Oberwolfach Research Institute for Mathematics (MFO) as a recipient of one of their Leibniz Fellowships. Currently, he is an Assistant Professor at New Mexico State University. Montaña is committed to promoting mathematics among underrepresented minority students through organizing conferences and seminars, as well as other outreach opportunities.

Montaña's research is in commutative algebra. He is particularly interested in asymptotic information that can be obtained from analyzing invariants of powers of ideals in Noetherian rings. Recently, he has worked on multiplicities of ideals and modules, integral closures, symbolic powers of ideals, arithmetic properties of blowup algebras, and local cohomology of powers of ideals.

*"Hispanic Heritage Month is a perfect opportunity to highlight the contributions of Latinx researchers in mathematics. I am grateful to the organizers of Lathisms for their efforts in increasing the visibility of these contributions, and I am honored to be considered for this year's edition. I believe that students and young academics from underrepresented minority groups will be inspired by reading about what they can achieve with their passion for mathematics."*

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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](http://LATHISMS.ORG).

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