Nicholas Boros

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PROFESSIONAL PREPARATION

Institution	Major	Degree	Year
Michigan State University	Mathematics	Ph.D.	2012
University of Michigan–Flint	Mathematics	B.A.	2002
University of Michigan–Flint	Physics	B.A.	2002

APPOINTMENTS

2016 - Present	Associate Professor, Department of Mathematics, Olivet Nazarene University, Bourbonnais, IL
2012 - 2016	Assistant Professor, Department of Mathematics, Olivet Nazarene University, Bourbonnais, IL
2005 - 2012	Graduate Teaching Assistant and Instructor, Department of Mathematics, Michigan State University, E. Lansing, MI

PRODUCTS

N. Boros, N. Pattakos, *Matrix Weights, Littlewood-Paley Inequalities and the Riesz Transforms*, submitted for publication, arXiv:1303.7180, (2016).

N. Boros, L. Szèkelyhidi, Jr., A. Volberg, *Laminates Meet Burkholder Functions*, Journal de Mathématiques Pures et Appliquées, Vol. 100, Iss. 5, 687-700, (2013).

N. Boros, P. Janakiraman, A. Volberg, *Sharp L^p-bounds for a Small Perturbation of Burkholder's Martingale Transform*, Indiana University Mathematics Journal 61, No. 2, 751-773, (2013).

N. Boros, P. Janakiraman, A. Volberg, *Perturbation of Burkholder's Martingale Transform and Monge–Ampère Equation*, Advances in Mathematics Journal, Vol. 230, Iss. 4–6: 2198–2234, (2012).

N. Boros, P. Janakiraman, A. Volberg, *Sharp L^p-bounds for a perturbation of Burkholders Martingale Transform*, Comptes Rendus Mathématique, vol. 349, no. 5: pp. 303–307, (2011).

SYNERGISTIC ACTIVITIES

- For several summer semesters at MSU I taught courses as an instructor for "Bridge Programs". One program was aimed at helping to prepare incoming freshman engineering students, in the summer prior to their freshman year, for the rigors of their STEM classes. The program was specifically for underrepresented students in the engineering field. Another program was aimed at helping incoming freshman student athletes, in the summer prior to their freshman year, to be successful at completing the mathematics requirements needed for their degree.

- For several semesters at MSU, I taught courses as a graduate assistant (with complete course responsibility) for a special program called the *Drew Science Scholars*. The program is aimed at helping to fully prepare underrepresented students in the STEM fields, whose goals are often to complete graduate and professional degrees after obtaining their undergraduate degree.

- I was responsible for helping a group of four students successfully complete their assigned research project. I aided them in understanding the mathematics, probability and statistics in their project, writing computer simulations in Matlab, and in writing their paper and presentations in LaTeX.

- For one year, at ONU, I was on the Honors Committee. My role was to look through students portfolios and interview them, to help determine which students would be admitted to the Honors Program.

- I reviewed a grant proposal for the National Security Agency (NSA) Mathematical Sciences Grants Program, submitted by a Principal Investigator (PI) from a Research 1 school (grant number 140926).

COLLABORATORS & OTHER AFFILIATIONS

- **Collaborators**

  Prabhu Janakiraman   Henry Ford College
  Nikolaos Pattakos   Karlsruhe Institute of Technology
  Làszlò Szèkelyhidi, Jr.   Hausdorff Center for Mathematics at Universität Bonn
  Alexander Volberg   Michigan State University

- **Graduate advisor**

  Alexander Volberg   Michigan State University