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Education

B.S. Applied Mathematics, North Carolina State University, 2004.

Minors: Economics and Computer Science.

Honors: *Summa Cum Laude*, Phi Beta Kappa.

Advanced study: Budapest Semesters in Mathematics, Fall 2002.

M.A. Economics, Duke University, 2006.

Ph.D. Economics, Duke University, *expected* 2010.

Committee: Han Hong (co-chair), Shakeeb Khan (co-chair), Paul Ellickson, and Andrew Sweeting.

Employment

North Carolina State University, Department of Mathematics

Mathematics Tutor, Academic Support Program for Student Athletes, Summer 2001.

Research Assistant, Moody Chu and Robert Funderlic, Spring 2003–Fall 2004.

Colorado School of Mines, Department of Mathematical and Computer Sciences

Research Assistant, Willy Hereman, Summer 2002.

Duke University, Department of Economics

Research Assistant, Jacob Vigdor, Summer 2005–Summer 2006.

Teaching Assistant, Ph.D. Microeconomic Analysis, Thomas Nechyba, Fall 2005.

Teaching Assistant, Ph.D. Game Theory, Curtis Taylor, Spring 2006.

Instructor, Microeconomics Qualifier Camp, Summer 2006.

Research Assistant, Han Hong, Fall 2006–Spring 2007.

Research Assistant, Aprajit Mahajan and Alessandro Tarozzi, October–November 2006, March–June 2007.

Research Assistant, Shakeeb Khan and Christopher Timmins, March–June 2007.

Teaching Assistant, Ph.D. Econometrics II, Shakeeb Khan, Spring 2007.

Research Assistant, Peter Arcidiacono, Patrick Bayer, and Paul Ellickson, Fall 2007–Spring 2009.

Research Assistant, Shakeeb Khan, Fall 2009–Present.

Research Assistant, Aprajit Mahajan, July–September 2009.

Research

Working Papers

Sequential Monte Carlo Methods for Estimating Dynamic Microeconomic Models.

Local NLLS Estimation of Semiparametric Binary Choice Models, with Shakeeb Khan.

Distribution-Free Estimation of Heteroskedastic Binary Response Models in Stata, with Shakeeb Khan.

Nonparametric Identification of Dynamic Games with Discrete and Continuous Choices.

Estimation of Dynamic Discrete Choice Models in Continuous Time, with Peter Arcidiacono, Patrick Bayer, and Paul Ellickson.

Partial Identification and Inference in Binary Choice and Duration Panel Data Models.

Publications

Blevins, Jason R. (2009). A Generic Linked List Implementation in Fortran 95. *ACM Fortran Forum* 28(3), 2–7.

Scientific Software

PDESolutionTester, A Mathematica program for the symbolic verification of exact solutions of nonlinear partial differential equations, with Jeff Heath and Willy Hereman (2002).

DFBR, A Stata program for distribution-free estimation of heteroskedastic binary response models, with Shakeeb Khan (2009).

Open Scientific Library, An open-source library for scientific computing in Fortran (in progress).

Conference and Seminar Presentations

Sequential Monte Carlo Methods for Estimating Dynamic Microeconomic Models

ERID Conference on Identification Issues in Economics, Duke University, October 3, 2008.

Partial Identification and Inference in Binary Choice and Duration Panel Data Models

Triangle Econometrics Conference, Research Triangle Park, NC, December 4, 2009.

University of Pittsburgh, Department of Economics, January 15, 2010.

University of Illinois at Urbana-Champaign, Department of Economics, February 16, 2010.

Estimation of Dynamic Discrete Choice Models in Continuous Time

The Ohio State University, Department of Economics, January 21, 2010.

University of Western Ontario, Department of Economics, January 26, 2010.

Professional Activities

Member, Econometric Society, 2006–Present.

Member, American Economic Association, 2010–Present.

Referee for:

Economic Inquiry

Journal of Business and Economic Statistics

Journal of Econometrics

Scandinavian Journal of Statistics

Conferences and Workshops Attended

- SIAM Conference on Applied Linear Algebra, The College of William & Mary, July 15–19, 2003.
- Institute on Computational Economics, Argonne National Laboratory, July 17–21, 2006.
- North American Summer Meetings of the Econometric Society, Duke University, June 21–24, 2007.
- ERID Conference on Identification, Duke University, October 3–4, 2008.
- Cowles Foundation Conference on Applications of Structural Microeconomics, Yale University, June 24–25, 2009.
- Triangle Econometrics Conference, Research Triangle Park, NC, December 4, 2009.
- AEA Annual Meeting, Atlanta, GA, January 3–5, 2010.

Honors, Awards, & Fellowships

- Dean's List, North Carolina State University, 2000–2004.
- Golden Key International Honour Society, 2002.
- Phi Kappa Phi, 2002.
- NSF Research Experiences for Undergraduates, Colorado School of Mines, 2002.
- Pi Mu Epsilon, National Mathematics Honor Society, 2003.
- Phi Beta Kappa, Zeta of North Carolina, 2003.
- Omicron Delta Epsilon, International Economics Honor Society, 2004.
- Undergraduate Research Award, North Carolina State University, 2004.
- Outstanding Teaching Assistant Award, Duke University, 2006.
- Institute on Computational Economics Fellow, University of Chicago, 2006.
- Summer Research Fellowship, Duke University, 2007.
- Summer Research Fellowship, Duke University, 2008.

Miscellaneous

- Security Clearance:* Special Sworn Status, U.S. Census Bureau.