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Education

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

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

M.A. Economics, Duke University, 2006.

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.

Fields of Interest

Industrial Organization, Econometrics, Applied Microeconomics

Academic Experience

Duke University, Department of Economics

Research Assistant, Aprajit Mahajan, July–September 2009.

Research Assistant, Shakeeb Khan, Fall 2009–Spring 2010.

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

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

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

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

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

Instructor, Microeconomics Qualifier Camp, Summer 2006.

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

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

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

Colorado School of Mines, Department of Mathematical and Computer Sciences

Research Assistant, Willy Hereman, Summer 2002.

North Carolina State University, Department of Mathematics

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

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

Research

Working Papers and Papers Under Review

Estimation of Dynamic Discrete Choice Models in Continuous Time, with Peter Arcidiacono, Patrick Bayer, and Paul Ellickson (*Job market paper 1*).

Partial Identification and Inference in Binary Choice and Duration Panel Data Models (*Job market paper 2*).

Nonparametric Identification of Dynamic Games with Discrete and Continuous Choices (*under review*).

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.

Publications

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

Scientific Software

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

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

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

Conference Presentations

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

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

Sequential Monte Carlo Methods for Estimating Dynamic Microeconomic Models

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

Professional Activities

Member, Econometric Society, 2006–Present.

Vice President, Economics Graduate Student Council, Duke University, 2006–2007.

Vice President, Society of Undergraduate Mathematics, North Carolina State University, 2001–2003.

Conferences and workshops attended:

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

Cowles Foundation Conference on Applications of Structural Microeconomics, Yale University, June 24–25, 2009.

ERID Conference on Identification, Duke University, October 3–4, 2008.

North American Summer Meetings of the Econometric Society, Duke University, June 21–24, 2007.

Institute on Computational Economics, Argonne National Laboratory, July 17–21, 2006.

SIAM Conference on Applied Linear Algebra, The College of William & Mary, July 15–19, 2003.

Referee for:

Economic Inquiry

Journal of Business and Economic Statistics

Journal of Econometrics

Scandinavian Journal of Statistics

Honors, Awards, & Fellowships

Summer Research Fellowship, Duke University, 2008.

Summer Research Fellowship, Duke University, 2007.

Institute on Computational Economics Fellow, University of Chicago, 2006.

Outstanding Teaching Assistant Award, Duke University, 2006.

Undergraduate Research Award, North Carolina State University, 2004.

Phi Beta Kappa, Zeta of North Carolina, 2003.

NSF Research Experiences for Undergraduates, Colorado School of Mines, 2002.

Miscellaneous

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

Computer Skills: Fortran, OpenMP, C, C++, L^AT_EX, Perl, R, Stata, SAS, SQL, Linux, Matlab, Mathematica, Python, Ruby.

References

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Stanford University
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Duke University
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Paul Ellickson
Assistant Professor of Economics and Marketing
Simon Graduate School of Business, University of Rochester
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Andrew Sweeting
Assistant Professor of Economics
Duke University
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Curtis Taylor (*Teaching Reference*)
Professor of Economics
Duke University
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Last updated: January 9, 2010
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