

## JASON D. MAUPIN

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### Education and Research Experience

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**Virginia Tech** Blacksburg, Virginia  
**PhD Agricultural and Applied Economics** Expected December 2009  
**Graduate Research Assistant**  
**Department of Agricultural and Applied Economics** August 2007-present

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**Dissertation (in progress):** *Three Essays Valuing the Benefits of Integrated Pest Management (IPM) in the U.S.*

- Exploring USDA data to determine IPM's relationship with pesticide use across time
  - Applying simultaneous equation and selection models to determine IPM's effects on U.S. pesticide use
  - Designing, implementing, and analyzing experimental valuation exercises to determine individuals' preferences and values for IPM research versus organic farming and biotechnology research
  - Evaluating the environmental and economic benefits from the Eastern apple IPM program
  - Results will assist federal IPM leaders in making IPM funding allocation decisions
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**Virginia Tech** Blacksburg, Virginia  
**M.S. Agricultural and Applied Economics** December 2006  
**Graduate Research Assistant**  
**Office of International Research, Education, and Development** August 2004-August 2007

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**Thesis:** *Valuing the Environmental Benefits from GM Products Using an Experimental Procedure: Lessons from the United States and the Philippines*

- Designed experimental methods to determine the environmental value of new biotechnology products
  - Conducted and managed experimental valuation exercises in both the U.S. and Philippines
  - Analyzed data from these experimental auctions using panel data econometric methods
  - Discovered that Filipino farmers place high value on environmental benefits from biotechnology
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**Bridgewater College** Bridgewater, VA  
**B.S. Business Administration and Economics** summa cum laude May 2003

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**Honor's Project:** *The Home Video Industry: What Makes Videos Rent?*

- Created unique data set for home video rental titles using trade publications
  - Developed and analyzed an econometric model to determine title attributes that drive video rentals
  - Discovered that box office advertising and widespread theatrical release led to increases in video rentals
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### Other Employment

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**Maupins' Music and Video** Crozet, VA  
**Principle Buyer and Assistant Manager** 1998-Present

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- Purchases DVD and CD inventory and performs business federal and state tax accounting duties
  - Designed, implemented and maintains computerized transaction processing system
  - Maintains customer and inventory databases and purchases and maintains all computer equipment
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**Crozet Great Valu** Crozet, VA  
**Assistant Produce, Dairy, and Wine Manager** 1996-2004

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- Designed produce, dairy, grocery and wine displays, managed vendors and assisted customers
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### Professional Memberships and Service

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American Agricultural Economics Association-Institutional and Behavioral Economics and Graduate Student Section, American Economics Association, Society for Development of Austrian Economists, Graduate Phi Kappa Phi National Honor Society, Chi Alpha Sigma College Athlete Honor Society, Alpha Chi National Honor Society, Delta Mu Delta Business Administration Honor Society, Vice President and Treasurer of AAEC-Econ Graduate Student Association, Reviewer for Journal of Economic Behavior and Organization, Facilitator for C-FARE Seminars on Conjoint Analysis and Valuing Eco-System Services

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### Relevant Skills

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Panel data, selection model, simultaneous equations, non-linear regression analysis and non-parametric econometric analysis using SAS, STATA, and GAUSS

Risk and dynamic programming using SIMETAR, @Risk, GAMS, QM, LINDO and Mathematica

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### Awards

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Virginia Tech Driscoll Memorial Fellowship (2004 and 2006), Wall Street Journal Student Achievement Award (2003), Bridgewater College Football Letter Winner (1999-2002), NCAA Playoff Participant (2002), Bridgewater College Track and Field Letter Winner (2000-2003), Team Contribution Award (2003), Most Improved Athlete (2002), All Old Dominion Athletic Conference (2001)

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