

JAMES W. BONO

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CURRENT POSITION

Assistant Professor of Economics, American University, Washington DC, from Fall 2008

EDUCATION

Ph.D. University of California, Irvine, Economics, June 2008
B.A. American University, International Studies, Mathematics Minor, 2003

REFEREED ARTICLES

- Wolpert, David H. and Bono, James W. "PGT: A Statistical Approach to Prediction and Mechanism Design" in Sun-Ki Chai, John Salerno, and Patricia Mabry (Eds.), *Advances in Social Computing, Third International Conference on Social Computing, Behavioral Modeling, and Prediction, SBP 2010 Proceedings. Lecture Notes in Computer Science*. Springer 2010
- Bono, James W. "Sales Contests, Promotion Decisions, and Heterogeneous Risk" *Managerial and Decision Economics* 29: 371-382 (2008)

WORKING PAPERS

- Wolpert, David H. and Bono, James W. "A Theory of Unstructured Bargaining Using Distribution-Valued Solution Concepts." submitted.
- Wolpert, David H. and Bono, James W. "Distribution-Valued Solution Concepts." revise and resubmit.
- Bono, James W. and Wolpert, David H. "Decision-Theoretic Prediction and Policy Design: GDP Slot Auctions in the National Airspace System."
- Golan, Amos and Bono, James W. "Identifying Strategies and Beliefs without Rationality Assumptions." submitted.
- Bono, James W. and Wolpert, David H. "Game Mining: How to Make Money from those about to Play a Game."

PRESENTATIONS

- "Aviation Policy: Evaluation of Congestion Management Alternatives," INFORMS Annual Meetings, November 2010, Austin, TX. invited speaker.
- "Info-Metrics: Theory and Applications," Info-Metrics Institute, American University, Washington DC, September 2010. invited speaker.
- "Decentralized Control in Systems of Strategic Actors" Workshop, Extension and Working Program, Santa Fe Institute and Center for Nonlinear Studies, August 2010, invited speaker.
- Biennial Conference of the International Society for Business and Industrial Statistics, Portoroz, Slovenia, July 2010, invited speaker.
- Third International Conference on Social Computing, Behavioral Modeling, and Prediction, National Institute of Health, March 2010
- "From Game Theory to Game Engineering," Oxford University, September 2009, invited speaker.

- Midwest Economics Association Annual Meetings 2009

OTHER

Co-Principal Investigator, Research Grant, Army Research Office, 2010

“A New Information-Theoretic Approach for Modeling Games and Interactive Behavior.”

Subject Matter Expert, SGT Inc., NASA Ames Research Center, Moffett Field, CA 2010
Statistical modeling of pilot/air-traffic-control bargaining. Developing recommendation system to optimize bargaining outcomes with respect to National Airspace System objectives.

Scientific Committee, “From Game Theory to Game Engineering,” Oxford University 2009
Co-organizing multidisciplinary workshop of game theorists, engineers and statisticians at the Oxford-Man Institute.

Subject Matter Expert, SGT Inc., NASA Ames Research Center, Moffett Field, CA 2009
Developing new simulation approaches to predicting coupled airline behavior.

Subject Matter Expert, QSS Group, NASA Ames Research Center, Moffett Field, CA 2008
Developing a market mechanism for allocating the National Airspace among airlines during Ground Delay Programs;

Graduate Chair, Institute of Mathematical Behavioral Sciences, UC Irvine 2006-2008
Acting as liaison between faculty and graduate students in IMBS;

Organizer and Chair, 5th Annual IMBS Graduate Student Conference, UC Irvine 2007
Organizing and chairing a conference to showcase mathematically oriented graduate research in economics, finance, political science, cognitive science and psychology.

TEACHING

Graduate Courses: Microeconomic Theory (ECON-500); Microeconomic Analysis II (ECON-713);

Undergraduate Courses: Introduction to Game Theory (ECON/MATH-345)

Dissertation Committee Member: Mike Martell

SERVICE

AY 2008-2009: Managed Working Paper Series, Wrote and Graded Master’s and Doctoral Microeconomic Comprehensive Exams, Technology Committee

AY 2009-2010: Educational Planning Committee, Managed Working Paper Series, Hiring Committee, Graduate Studies Committee, Wrote and Graded Master’s and Doctoral Microeconomic Comprehensive Exams, Technology Committee, Committee to Create Math/Econ Degree

AWARDS & FELLOWSHIPS

- Research Associate, Info-Metrics Institute, American University, 2010
- Jean Claude Falmagne Dissertation Award, 2008
- 1st Place Sanli, Pastore & Hill Excellence in Economics Writing Award 2007
- Best Paper IMBS Graduate Research Conference and Contest, UC Irvine 2007

- The Social Sciences Annual Fund Fellowship, UC Irvine 2007
- Outstanding Graduate Scholar Award, Economics Department, UC Irvine 2006-2007
- Research Fellowship, IMBS, UC Irvine 2005-2007
- Research Fellowship, Economics Department, UC Irvine 2005-2007
- The School of Social Sciences Fellowship, UC Irvine 2003-2007
- Phi Beta Kappa National Honor Society 2003
- David L. Boren Scholar 2000

PROFESSIONAL ASSOCIATIONS

- INFORMS
- American Economics Association
- Midwest Economics Association
- Econometric Society