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## **Kislaya Prasad**

### *Curriculum Vitae*

#### **Work Address:**

Robert H. Smith School of Business  
University of Maryland  
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#### **CURRENT POSITIONS:**

Director, Center for International Business Education and Research, Robert H. Smith School of Business, University of Maryland, College Park (since February 2009).

Research Professor, Robert H. Smith School of Business, University of Maryland, College Park (since August 2006).

Guest Scholar, Center on Social and Economic Dynamics, The Brookings Institution, Washington D.C. (since August 2005).

#### **PREVIOUS POSITIONS:**

Professor, Economics Department, Florida State University (2004-2006); Associate Professor with tenure (1993-2004), Assistant Professor (1988-1993).

Guest Scholar, The Brookings Institution, Washington DC (2002-2003).

University of Maryland at College Park, Visiting Associate Professor, Department of Economics (1999-2000) and Robert H. Smith School of Business (2003-2004).

Visiting Scholar, Economics Department, New York University (Fall 1994).

Visiting Scholar, MEDS Department, Northwestern University (Spring 1995).

Research Officer, Department of Applied Economics, University of Cambridge, 1991-1992.

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## **EDUCATION:**

Ph.D. Economics, Maxwell School of Citizenship and Public Affairs, Syracuse University, U.S.A. (1988)  
M.S. Computer Science, Syracuse University, U.S.A. (1988)  
M.A. Economics, Maxwell School of Citizenship and Public Affairs, Syracuse University, U.S.A. (1986)  
B.A. (Honors) Economics, St. Stephen's College, Delhi University, India (1982)

## **AREAS OF EXPERTISE:**

Game Theory  
Innovation and diffusion of technology (with applications to the practice of medicine and public health)  
Social influences and group behavior  
Economics of contracts, institutions and organizations

## **WORK IN PROGRESS:**

Medical treatment variations and diffusion of technologies in medicine  
Complexity of choice under uncertainty  
Experimental tests of risk-sharing and contract theory  
Robustness in mechanism design.

## **RECENT GRANTS:**

An Experimental Investigation of Endogenous Group Formation for Public-Good Provision and Risk-Sharing (with R. Mark Isaac, T.K. Ahn, and Timothy Salmon). National Science Foundation (FY 2005: \$134,557, FY 2006: \$137,484, FY 2007: \$137,834).

## **PUBLICATIONS IN PEER-REVIEWED JOURNALS:**

1. Relative Wealth Concerns, and Entrepreneurship (with Manoj Atolia), *Economica*, forthcoming.
2. The Rationality / Computability Trade-off in Finite Games, *Journal of Economic Behavior and Organization*, 69: 17-26, 2009.
3. Social Interactions and the 'Digital Divide': Explaining Regional Variations in Internet Use (With Ritu Agarwal, and Animesh Animesh), *Information Systems Research*, forthcoming.

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4. Price Asymptotics, *Review of Economic Design*, 12: 21-32, 2008.
  5. The Diffusion of a Medical Innovation: Is Success in the Stars? (With Mary A. Burke and Gary M. Fournier), *Southern Economic Journal*, 73(3), 588-603, 2007.
  6. The Emergence of Local Norms in Networks, *Complexity*, 11 (5), 2006 (with Mary A. Burke and Gary M. Fournier).
  7. Imitation and Long Run Outcomes, *Topics in Theoretical Economics*: Vol. 4: No. 1, Article 7, 2004 (with Jayasri Dutta).
  8. Observation, Measurement and Computation in Finite Games, *International Journal of Game Theory*, 32 (4), 2004, 455 – 470.
  9. Constructive and Classical Models for Results in Economics and Game Theory, *Metroeconomica*, (55), 2004, 141-154. An extended version of this article is reprinted in: *Computability, Complexity and Constructivity in Economic Analysis*, ed. by K. Velupillai, Blackwell Publishers, 2006.
  10. Non-robustness of Some Economic Models, *Topics in Theoretical Economics*: Vol. 3: No. 1, Article 1, 2003, 1-7.
  11. Stable Risk-Sharing, *Journal of Mathematical Economics*, 38, 2002, 411-439 (with Jayasri Dutta).
  12. An Evolutionary Model of Debt, *Journal of Monetary Economics*, 2002, 49, 1407 - 1438 (with Mary Burke).
  13. On the Computability of Nash Equilibria, *Journal of Economic Dynamics and Control*, 21, 1997, 943-953.
  14. A Weibull Duration Model with Unobservable Heterogeneity Modeled as a Mixture of Dirichlet Processes *Economics Letters*, 55, 1997, 19-25 (with Jan Ondrich).
  15. Learning by Observation within the Firm, *Journal of Economic Dynamics and Control*, 20, 1996, 1395-1425 (with Jayasri Dutta).
  16. Wage-Employment Determination in Unionized Markets: Reconciling Theory and Evidence, *Economics Letters*, 48, 1995, 61-71 (with Barry Hirsch).
  17. The Effect of International Trade on Union and Nonunion Wage Differences, *Journal of Economic Integration*, 10, 1995, 386-407.
  18. Asset Specificities, International Trade, and Multinational Firms, *Journal of Institutional and Theoretical Economics*, 151(4), 1995, 593-612 (with Hamid

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Beladi).

19. Adjustment in Matching Markets: A Neural Net Approach, *Advances in Artificial Intelligence in Economics, Finance and Management*, Vol. 1, 1994, 43-54, JAI Press
20. A Blackboard Framework for the Design of Group Decision Support Systems, *Behaviour and Information Technology*, Vol. 13, 1994, 277-284 (with Ritu Agarwal).
21. Comparison of Model Selection Criteria, *Econometric Reviews*, 11, 1992, 201-233 (with Jeffrey Mills).
22. Computability and Randomness of Nash Equilibrium in Infinite Games, *Journal of Mathematical Economics*, 20, 1991, 429-442.
23. The Core of Some Location Games, *Journal of Economics* (Zeitschrift fuer Nationaloekonomie), 54, 1991, 305-314.
24. Consumption, Asset Returns and Taxation in a Non-expected Utility Model, *Economics Letters*, 37, 1991, 433-437.
25. NP-Completeness of Some Problems Concerning Voting Games, *International Journal of Game Theory*, 19, 1990, 1-9 (with Jerry Kelly).
26. Parallel Distributed Processing Models for Games and Economic Systems, *Computational Economics*, 1988, 163-174.

#### **OTHER PUBLICATIONS:**

1. Mary Burke, Gary M Fournier, and Kislaya Prasad, "The Diffusion of a Medical Innovation: Is Success in the Stars? New Evidence" *Southern Economic Journal* (April 2009).
2. Comment on "Markets come to bits: Evolution, computation and markomata in economic science", by Philip Mirowski, *Journal of Economic Behavior and Organization*, 63, 313-315, 2007.
3. Review of "Institutions, Innovation and Growth: Selected Economic Papers," edited by Touffut, Jean-Philippe, Cheltenham and Northampton, Mass.: Edward Elgar, 2003, *Economic Journal*, 115 (501), 2005, F146-U8.
4. Joint review of: Heyer, J., F. Stewart, and R. Thorp (eds.) "Group Behaviour and Development: Is the Market Destroying Cooperation?" and Grootaert, C. and van Bastelaer (eds.) "The Role of Social Capital in Development: An Empirical Assessment," *Economic Journal*, 114, 2004, F142-F144.

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5. Review of “Computable Economics: The Arne Ryde Memorial Lectures,” by K. Velupillai, Oxford University Press, *Journal of Economics* (Zeitschrift für Nationalökonomie), 75(1), 95-98, 2002.
  6. Review of “The Theory of Choice - A Critical Guide” by S. H. Heap, M. Hollis, B. Lyons, R. Sugden and A. Weale, Blackwell Publishers, 1992, *Journal of Economic Literature*, Vol. XXXI, September, 1993, 1446-1448.
  7. Review of “Game Theory” by D. Fudenberg and J. Tirole, MIT Press, 1991, *International Review of Economics and Finance*, 3, 1994, 129-131.
  8. Enhancing the Group Decision Making Process - An Intelligent Systems Architecture, *Proceedings of the 22<sup>nd</sup> Hawaii International Conference on System Sciences*, Kailua-Kona, January 1989 (with Ritu Agarwal).
  9. Logic Programs and Strategic Reasoning, in J. L. Roos (ed.) *Economics and Artificial Intelligence*, Proceedings of the First International Conference on Economics and Artificial Intelligence, Aix-en-Provence, September 1986 (with Ritu Agarwal)

#### **PAPERS SUBMITTED FOR PUBLICATION**

1. The Timing of Endorsements
2. Economic Liberalization and Violent Crime in India
3. Self-Selection and Market Power in Risk-Sharing Contracts (with Tim Salmon).
4. Egoboo.
5. Physician Social Networks and Regional Variation in Medical Practice (with Gary M. Fournier and Mary Burke). (*Journal of Economic Behavior and Organization*, revise and resubmit).
6. Contracts with Social Multipliers (with Mary Burke).
7. The Difficulty with Deliberation: Computational Complexity and Choice under Uncertainty.

#### **UNPUBLISHED WORKING PAPERS:**

1. Demographics of Social Interaction Models
2. Learning, Ownership, and Innovation in Open Source Communities (with Jayasri Dutta)

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3. The Strategic Use of Licensing in the IT industry (with Ritu Agarwal and V. Sambamurthy)
  4. On Research, Free Riding and Intellectual Property Rights (with Jayasri Dutta)
  5. The Structure of Ownership (with Jayasri Dutta)
  6. Choice under Uncertainty with Costly Computations, Economic Theory Discussion Paper No. 172, University of Cambridge.

### **RECENT TEACHING:**

#### **Doctoral:**

Applied Microeconomics for Business (University of Maryland)  
Information Systems Economics (University of Maryland)

#### **MBA:**

Data, Models, and Decisions (University of Maryland MBA)  
The Global Economic Environment (University of Maryland MBA)  
Managerial Economics and Public Policy (University of Maryland MBA)

#### **Undergraduate:**

Linear Statistical Models in Business (University of Maryland)  
Game Theory (Florida State University and University of Maryland)  
Debating Economic Issues (Florida State University)  
International Trade (Florida State University)  
Honors Principles of Microeconomics (Florida State University)

### **TEACHING AWARDS:**

University Teaching Award, 2001-02  
Teaching Incentive Program Award, Florida State University, 1994-95.

### **RECENT CONSULTING:**

BG Medicine and High Risk Plaque Initiative Steering Committee (2008-9)  
Part of a team studying the “Cost-Effectiveness of Screening for High Risk Plaque and the Reduction of Acute Myocardial Infarction”.

### **PROFESSIONAL AFFILIATIONS:**

Econometric Society, American Economic Association, Royal Economic Society,  
Society for Computational Economics