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Curriculum Vitae
Rajiv Vohra
Ford Foundation Professor of Economics

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Education

Ph.D. (Economics), 1983, Johns Hopkins University, Baltimore, Maryland.
M.A. (Economics), 1981, Johns Hopkins University, Baltimore, Maryland.
M.A. (Economics), 1979, Delhi School of Economics, University of Delhi,
India.
B.A. (Economics Hons.), 1977, St. Stephen's College, University of Delhi,
India.

Current Position

Ford Foundation Professor of Economics, Brown University, July 2006 -

Other Positions

Dean of the Faculty, Brown University, July 2004 - June 2011.
Professor of Economics, Brown University, July 1989 - June 2006.
Morgenstern Visiting Professor of Economic Theory, New York University,
Fall 2001.
Fulbright Research Scholar, Indian Statistical Institute, 1995-1996.
Chairman, Department of Economics, Brown University, July 1991 - June
1995.
Visiting Fellow, Indian Statistical Institute, New Delhi, August 1987 - July
1988.
Associate Professor of Economics, Brown University, January 1987 - June
1989.
Assistant Professor of Economics, Brown University, July 1983 - December
1986.

Professional Activities

- Associate Editor, *Journal of Public Economic Theory*, 2017 - .
- Co-Organizer, 2016, NSF-CEME Decentralization Conference, Brown University.
- Organizer, Conference in Honor of M. Ali Khan, Johns Hopkins University, 2013.
- Associate Editor, *International Journal of Game Theory*, 2003 - 2009.
- Associate Editor, *Journal of Mathematical Economics*, 1994 - 2009.
- Associate Editor, *Journal of Public Economic Theory*, 2001 - 2005.
- Member, Program Committee, World Congress of the Econometric Society, 2005.
- Co-Chair, Program Committee, 2004 Econometric Society North American Summer Meetings, Brown University.
- Co-Organizer, 2001 NSF-CEME General Equilibrium Conference, Brown University.
- Organizer, 1994 NSF-CEME General Equilibrium Conference, Brown University.

Academic Honors

- Fellow of the Game Theory Society (2021).
- Economic Theory Fellow (2020).
- Fellow of the Econometric Society (2016).
- Member, Council of the Game Theory Society (2015-2021).
- Junior Rosenthal Fellowship, Johns Hopkins University, 1982-1983.
- C. Richard Martin Award, Johns Hopkins University, 1981.
- Johns Hopkins University Fellowship, 1979-1982.
- Gold Medal, University of Delhi (M.A.), 1979.
- K.C. Nag Economics Prize, University of Delhi (M.A.), 1979.
- Center for Advanced Studies Scholarship, (Government of India), 1977-1979.
- K.C. Nag Economics Prize, St. Stephen's College, 1976.

Grants

- National Science Foundation Grant, No. SES-0133113, Cooperation and Incentives in Models with Asymmetric Information, (Brown University) 2002-2004.
- National Science Foundation Grant, No. SES-9414142, Binding Agreements, (Brown University) 1994-1997.

National Science Foundation Grants, No. SES-8605630 and No. SES-8646400, Theory of Resource Allocation in Nonclassical Environments, (Brown University) 1986-1988.

National Science Foundation Grant, No. SES-8410229, Theory of Resource Allocation with Increasing Returns and Public Goods, (Brown University) 1984-1986.

Richard B. Salomon Research Award, Brown University, 2001.

Richard B. Salomon Research Award, Brown University, 1998.

Refereed Journal Articles

“A Principal-Agent Relationship with No Advantage to Commitment”, with Francisco Espinosa and Debraj Ray, *Pure and Applied Functional Analysis* 6, 1043-1064 (2021).

“Games of Love and Hate”, with Debraj Ray, *Journal of Political Economy*, 128, 1789-1825 (2020).

“Maximality in the Farsighted Stable Set”, with Debraj Ray, *Econometrica*, 87, 1763-1779 (2019).

“Rational Expectations and Farsighted Stability”, with Bhaskar Dutta, *Theoretical Economics*, 12, 1191-1227 (2017).

“The Farsighted Stable Set”, with Debraj Ray, *Econometrica*, 83, 977-1011 (2015).

“Multiplicity of Mixed Equilibria in Mechanisms: A Unified Approach to Exact and Approximate Implementation”, with Roberto Serrano, *Journal of Mathematical Economics*, 46, 775-785 (2010).

“Information Transmission in Coalitional Voting Games”, with Roberto Serrano, *Journal of Economic Theory*, 134, 117-137 (2007).

“A Characterization of Virtual Bayesian Implementation”, with Roberto Serrano, *Games and Economic Behavior*, 50, 312-331 (2005).

“Incomplete Information, Credibility and the Core”, with Bhaskar Dutta, *Mathematical Social Sciences*, 50, 148-165 (2005).

“The Ex Ante Incentive Compatible Core in the Absence of Wealth Effects”, with Françoise Forges and Jean-François Mertens, *Econometrica*, 70, 1865-1892 (2002).

- “Incentives and the Core of an Exchange Economy: A Survey”, with Françoise Forges and Enrico Minelli, *Journal of Mathematical Economics*, 38, 1-41 (2002).
- “Implementing the Mas-Colell Bargaining Set”, with Roberto Serrano, *Investigaciones Economicas*, 26, 285-298 (2002).
- “Bargaining and Bargaining Sets”, with Roberto Serrano, *Games and Economic Behavior*, 39, 292-308 (2002).
- “A Simple Model of Coalitional Bidding”, with In-Koo Cho and Kevin Jewell, *Economic Theory*, 19, 435-457 (2002).
- “Coalitional Power and Public Goods”, with Debraj Ray, *Journal of Political Economy*, 109, 1355-1384 (2001).
- “On the Failure of Core Convergence in Economies with Asymmetric Information”, with Roberto Serrano and Oscar Volij, *Econometrica*, 69, 1685-1696 (2001).
- “Some Limitations of Virtual Bayesian Implementation”, with Roberto Serrano, *Econometrica*, 69, 785-792 (2001).
- “Efficiency in an Economy with Fixed Costs”, with Andrea Dall’Olio, *Journal of Public Economic Theory*, 3, 185-201 (2001).
- “Intersecting Balanced Families of Sets”, with Adam Idzik and Gyula O.H. Katona, *Journal of Combinatorial Theory, Series A*, 93, 281-291 (2001).
- “Incomplete Information, Incentive Compatibility and the Core”, *Journal of Economic Theory*, 86, 123-147 (1999).
- “A Theory of Endogenous Coalition Structures”, with Debraj Ray, *Games and Economic Behavior*, 26, 286-336 (1999).
- “The Supremum Argument in the New Approach to the Existence of Equilibrium in Vector Lattices”, with M. Ali. Khan and Rabee Tourky, *Economics Letters*, 63, 61-65 (1999).
- “Non-Cooperative Implementation of the Core”, with Roberto Serrano, *Social Choice and Welfare*, 14, 513-525, (1997).
- “Equilibrium Binding Agreements”, with Debraj Ray, *Journal of Economic Theory*, 73, 30-78 (1997).
- “Nash Implementation through Elementary Mechanisms in Economic Environments”, with Bhaskar Dutta and Arunava Sen, *Economic Design*, 1,

- 173-203 (1995). Awarded the Koc Prize for the best paper of the year in *Economic Design*.
- “A Characterization of Egalitarian Equivalence”, with Bhaskar Dutta, *Economic Theory*, 3, 465-479 (1993).
- “Equity and Efficiency in Non-Convex Economies”, *Social Choice and Welfare*, 9, 185-202 (1992).
- “Marginal Cost Pricing under Bounded Marginal Returns”, *Econometrica*, 60,, 859-876 (1992).
- “An Existence Theorem for a Bargaining Set”, *Journal of Mathematical Economics*, 20, 19-34 (1991).
- “On Kakutani’s Fixed Point Theorem, the K-K-M-S Theorem and the Core of a Balanced Game”, with Lloyd Shapley, *Economic Theory*, 1, 107-116 (1991).
- “On the Inefficiency of Two-Part Tariffs”, *Review of Economic Studies*, 57, 415-438 (1990).
- “A Consistent Bargaining Set”, with Bhaskar Dutta, Debraj Ray and Kunal Sengupta, *Journal of Economic Theory*, 49, 93-112 (1989).
- “On the Approximate Decentralization of Pareto Optimal Allocations in Locally Convex Spaces”, with M. Ali Khan, *Journal of Approximation Theory*, 52, 149-161 (1988).
- “Optimal Regulation under Fixed Rules for Income Distribution”, *Journal of Economic Theory*, 45, 65-84 (1988).
- “Pareto Optimal Allocations of Nonconvex Economies in Locally Convex Spaces”, with M. Ali Khan, *Nonlinear Analysis, Theory, Methods and Applications*, 12, 943-950 (1988).
- “On the Existence of Equilibria in Economies with Increasing Returns”, *Journal of Mathematical Economics*, 17, 179-192 (1988).
- “An Extension of the Second Welfare Theorem to Economies with Non-Convexities and Public Goods”, with M. Ali Khan, *Quarterly Journal of Economics*, 102, 223-241 (1987).
- “On Sufficient Conditions for the Sum of Two Weak * Closed Sets to be Weak * Closed”, with M. Ali Khan, *Archiv der Mathematik*, 48, 328-320 (1987).

- “Local Public Goods as Indivisible Commodities”, *Regional Science and Urban Economics*, 17, 191-208 (1987).
- “On the Existence of Lindahl-Hotelling Equilibria”, with M. Ali Khan, *Journal of Public Economics*, 34, 143-158 (1987).
- “A General Theorem on the Existence of Marginal Cost Pricing Equilibrium”, with Donald J. Brown, Geoffrey M. Heal and M. Ali Khan, *Journal of Economic Theory*, 38, 371-379 (1986).
- “On the Existence of Lindahl Equilibria in Economies with a Measure Space of Non-Transitive Consumers”, with M. Ali Khan, *Journal of Economic Theory*, 36, 319-332 (1985).
- “Local Public Goods and Average Cost Pricing”, *Journal of Mathematical Economics*, 13, 51-67 (1984).
- “Equilibrium in Abstract Economies without Ordered Preferences and with a Measure Space of Agents”, with M. Ali Khan, *Journal of Mathematical Economics*, 13, 133-142 (1984).
- “The Aggregate Production Function of an Industry with Generalized Leontief Cost Functions at the Micro Level”, *Economics Letters*, 8, 227-233 (1981).

Chapters in Books

- “Coalition Formation”, with Debraj Ray, in *Handbook of Game Theory, Volume 4*, Ed., P. Young and S. Zamir, 239 -326, North-Holland: Elsevier (2014).
- “Coalitional Non-Cooperative Approaches to Cooperation”, in *Cooperation: Game Theoretic Approaches*, NATO ASI Series F, Vol. 155, Eds. S. Hart and A. Mas-Colell, Springer-Verlag, Berlin (1997).
- “Bargaining Sets”, in *Game-Theoretic Methods in General Equilibrium Analysis*, ed., J-F Mertens and S. Sorin, NATO ASI Series, Kluwer Academic Publishers (1994).
- “Efficient Resource Allocation Under Increasing Returns”, in *Welfare Economics and India*, ed., B. Dutta, Oxford University Press, (1994).
- “On the Existence of a Proportional Bargaining Set”, in *Fixed Point Theory and Applications*, (1991), eds., M.A. Thera and J-B Baillon, Pitman Research Notes in Mathematics Series, Longman.

“Planning” in J. Eatwell, M. Milgate and P. Newman ed. *The New Palgrave: A Dictionary of Economic Theory and Doctrine*, New York, Stockton Press, (1987).

Working Papers

“Signaling, Screening, and Core Stability”, with Yusuke Kamishiro and Roberto Serrano (2022).

“On Scarf’s Theorem on the Non-Emptiness of the Core: A Direct Proof through Kakutani’s Fixed Point Theorem” (1987).

Ph.D. Dissertation Committees

Mert Kimya (2016), Takeshi Suzuki (2014), Georgy Artemov (2007), Serkan Bahceci (2006), Takashi Kunimoto (2005), Olivier Bochet (2003), Andres Carvajal (2002), Younghwan In (2001), Andrea Dall’Olio (2000), Max Blouin (1999), Darin Lee (1998), Koichiro Kamada (1997), Arindam Mitra (1994), Kannan Rajagopalan (1990), Ajit Ranade (1990).