

CURRICULUM VITAE

Surekha K.B. Rao

School of Business and Economics

Indiana University Northwest

Gary IN 46408

Phone: 2199806934

E-Mail: skrao@iun.edu

Education

Ph. D. Economics: University of New England, Armidale, Australia

Master of Arts in Economics: Delhi School of Economics, University of Delhi, India

Bachelor of Arts (Honors) in Economics: Punjabi University, India

Faculty Positions

- Professor of Economics, School of Business and Economics, Indiana University Northwest 2017-
- Associate Professor, School of Business and Economics, Indiana University Northwest, 2003-2017
- Associate Professor, Economic Analysis Unit, Indian Statistical Institute, Bangalore, India, 1987- 2002
- Assistant Professor, Economic Research Unit, Indian Statistical Institute, Calcutta, India, 1981-1987

Administrative Positions

- Chair Faculty Affairs, School of Business and Economics, 2017-18
- Chair, Economic Analysis Unit, Indian Statistical Institute (1999-2002)

Visiting and Other Faculty Positions

- Associate faculty, Department of Women and Gender Studies, Indiana University Northwest, 2009-
- Visiting Associate Professor, Department of Economics, University of Tulsa, 2002-03
- Visiting Professor, Wichita State University, Wichita, Kansas, 2001-02
- Visiting Professor, Faculty of Economics, University of Naples, Italy, 1981, 87, 89, 93, 99
- John Hasbrook Van Vleck Visiting Professor, Department of Mathematics, Wesleyan University, Middletown, CT, 1996
- Visiting Associate Professor, Department of Economics and Department of Mathematics

- Wesleyan University, Middletown, CT, 1989, 1990, 1991, 1994, 1996
- Visiting Assistant Professor, Michigan Technological University, Houghton, MI, 1984-85
 - Visiting Professor, University of Lecce, Italy 1987
 - Guest Faculty, Indian Institute of Management, Bangalore, India, 1997-99
 - Adjunct Professor, University of Hartford, West Hartford, CT, 1990, 1996
 - Teaching Fellow, University of New England, Armidale, Australia, 1975- 79

Selected Publications

1. **Bhaskara Rao Kopparty and Surekha K Rao**, 2018. "Efficient Sets Are Very Small," *Economics Bulletin*, Vol. 38(4), 2060-2063.
2. **Surekha Rao, Achille Basile and KPS B Rao**, 2018 "On the Ultrafilter Representation of Coalitionally Strategy-Proof Social Choice Functions, *Economic Theory Bulletin*, Vol.6: 1-13, <https://doi.org/10.1007/s40505-017-0129-0>
3. **Dmitriy Chulkov and Surekha K.B. Rao**, 2016, Developing Large-Scale Interactive Online Gateway Courses for Undergraduate Economics, *Online Proceedings of the American Economic Association Annual meeting, ASSA 2016, San Francisco* <https://www.aeaweb.org/conference/2016/retrieve.php?pdfid=334>
4. **K. Surekha Rao**, 2015, An Objective Evaluation of Innovative Education Strategies: Case Study of India, *Journal of Innovative Education Strategies*, Vol 4: pp 1 – 20.
5. **Surekha K. Rao and Bhaskara Rao Kopparty**, 2015, A Note on Borda Method, *Economics Bulletin*, Vol. 35, pp 1969 – 1975.
6. **Moheb Ghali, John Krieg and K. Surekha Rao**, 2011, A Bayesian Extension of the J-test for Non-nested Hypotheses, *Journal of Quantitative Economics*, Vol. 9, pp.53-72.
7. **Sharad Saxena, Housila P.Singh, Omprakash K. Gupta and K. Surekha Rao**, 2010, Bayesian Estimation of MTTF for Exponential Distribution: A Bessel Function Life Testing Model: *Model Assisted Statistics and Applications (MASA)*, IOS Press, Vol. 5, pp. 283-291.
8. **K. Surekha and K.P.S. Bhaskara Rao**, 2010, May's Theorem in an Infinite Setting, *Journal of Mathematical Economics*, Vol. 46, pp. 50-55.
9. **K. Surekha Rao**, 2009, Quantitative Analysis of Sustainable Development: A Case Study of Northwest Indiana: *South Shore Journal*, Vol.3, pp.11-33.
10. **K. Surekha Rao and Cynthia O'Dell**, 2008, The Impact of Wal-Mart Business Practices: A Regional Analysis, *International Journal of Business and Economic Perspectives*, Vol.3, pp.1-11.
11. **K. Surekha Rao, Sushma Jaireth and K.K. Seethamma**, 2008, International Perspectives on Gender, Science and Development, *AIMS International Journal of*

Management, Vol.2, pp. 57-70.

12. **K. Surekha Rao and Omprakash K. Gupta, 2007**, Role of Information in Classical and Bayesian Modeling, *International Journal of Operational Research, Vol. 2, pp. 429-439.*
13. **Surekha Rao, 2006**, “Statistics” in the *International Encyclopedia of Social Policy*, Ed. Tony Fitzpatrick, Nick Manning and James Midgley, Rutledge, Taylor and Francis, *Vol.3, pp. 1355-1361.*
14. **K. Surekha, 2005**, Modeling Non-Linear Autoregressive Distributed Lag Models: A New Approach, 2005, *Journal of Quantitative Economics, New Series Vol.3, pp. 101-113.*
15. **K. Surekha and Moheb Ghali, 2001**, Speed of Adjustment and Production Smoothing Hypothesis, *International Journal of Production Economics, Vol. 71, pp. 55-65.*
16. **K. Surekha Rao and M. Tartaglia, 1999**, Modeling the Size Distribution of Incomes: a Fresh Look from the Bayesian Perspective: The Case of Italy *Indian Journal of Applied Economics, Vol 8, pp. 75-90.*
17. **B.R. Kolluri and K. Surekha Rao, 1999**, Wagner’s Law of Public Expenditure: A Revaluation, in *Studies on Indian Economic Reforms*, Ed. By V. V. Somayajulu, Himalayan Publishing House, Delhi, *pp. 147-157.*
18. **P. Balakrishnan, K. Surekha and B.P. Vani, 1994**, The Determinants of Inflation: Bayesian and Classical Analyses, *Journal of Quantitative Economics, Vol. 10, pp. 325-336.*
19. **K. Surekha Rao, 1991**, Matrix Equation, A comment; **Econometric Theory**
20. **K. Surekha and W.E. Griffiths, 1990**, Comparison of Some Bayesian Heteroscedastic Error Models, *Statistica, anno I, pp. 109-117.*
21. **K. Surekha and W.E. Griffiths, 1989**, Additive and Multiplicative Heteroscedasticity - A Bayesian Analysis, *Journal of Quantitative Economics, Vol 5, pp. 43 - 58.*
22. **W.E. Griffiths and K. Surekha, 1986**, A Monte Carlo Evaluation of the Power of Some Tests for Heteroscedasticity, *Journal of Econometrics, Vol. 31 pp. pp. 219 –231.*
23. **K. Surekha and W.E. Griffiths, 1985**, A Note on a Posterior Approximation in a Heteroscedastic Model, *Economics Letters, 1985, pp. 249 - 252.*
24. **K. Surekha and W.E. Griffiths, 1984**, A Monte Carlo Comparison of Some Bayesian and Sampling Theory Estimators in Heteroscedastic Error Models, *Communications in Statistics, Series B, Vol.13, pp. 85- 105.*
25. **W. E. Griffiths, R.G. Drynan, and Surekha Prakash, 1979**, Bayesian Estimation of a Random Coefficient Model, *Journal of Econometrics, Vol.10, pp. 201– 220.*

Digital Book

26. **K. Surekha Rao, “[It Pays to Go Bayes](#)” digital book, of Video Lecture Series Edited: forthcoming in Video lecture series at www.bayesian.org by the International Society for Bayesian Analysis.** One of the lectures can be seen at the ISBA link: <https://bayesian.org/video/it-pays-go-bayes->

[bayesian%E2%80%85method%E2%80%85%E2%80%85moments%E2%80%85and%E2%80%85its-applications](#)

Book Reviews

27. **K. Surekha Rao, 2015**, Basics of Financial Econometrics, Tools, Concepts and Assets Management Applications by Frank J. Fabozzi , Sergio M. Focardi , Svetlozar T. Rachev , Bala G. Arshanapalli, Markus Hoechstoeetter, *Quantitative Finance, Vol. 15, Issue 11, pp. 1773-1775.*
28. **K. Surekha Rao, 2007**, Globalization and Egalitarian Redistribution; *Edited by* Pranab Bardhan, Samuel Bowles, and Michael Wallerstein, Princeton, NJ: Princeton University Press, *Journal of Economics, Vol.33, No.2, pp. 100-105.*
29. **K. Surekha Rao, 2006**, India's Emerging Economy: Policies and Perspectives: 1990 and Beyond" By Kaushik Basu: *Journal of Economics, Vol. 32, pp.105-108.*
30. **Chiranjib Sen and K. Surekha Rao, 2000**, Econometrics and Data Analysis for Developing Countries by C. Mukherjee, H. White and M. Wyuts, Rutledge, with *Journal of International Trade and Economic Development, vol. 9, pp. 219-222.*

Invited Paper

31. **Surekha Rao, 2013**, Introductory Note on the Ostrom memorial Session and Panel Discussions, *Journal of the Indiana Academy of the Social Sciences, Vol. 16, pp 1-3.*

Editorials and Reports

32. [Message from the President, Summer/Spring 2012, Endnotes, IASS](#)
33. [Message from the President, Winter/Fall 2011, Endnotes, IASS](#)
34. [Message from the President, Summer/Spring 2011, Endnotes, IASS](#)
35. [Message from the President, Spring 2010, Endnotes, IASS](#)
36. [Message from the President Spring 2009, Endnotes, IASS](#)
37. [Message from the President, fall 2008, Endnotes, IASS](#)
38. [A Note from the President, vol. XIII, 2009\(published 2010\), The Journal IASS](#)

Work in Progress

39. Business Analytics using Excel: A Handbook of Business Statistics
40. Gender Mainstreaming and Why it Matters for Economic growth
41. History of Early Bayesians and Bayesian Developments in India, with J.K. Ghosh and S. Upadhyay.
42. An Induction Proof of Arrow's Impossibility Theorem with B. Kopparty

43. Three New Proofs of Arrow's Impossibility Theorem, with Bhaskara Kopparty
44. Short Term Trend Analysis of Hospital Admissions Due to Headaches: Big Data Perspective, with Qin Wang, Ravi Chinta, and M.Bhaskara Rao
45. Murky Middle Countries and Female Literacy
46. Democracy, Pluralism and Gender Empowerment, a Recipe for Economic Growth with Dr. Sushma Jaireth
47. FDI and Emerging Economies; case study of India, Jointly with Dr. KK Seethamma
48. Poverty Inequality and All-Inclusive Sustainable Growth Index
49. Gender Inequality, Female Education and the Role of Girls' Madrasas with Sushma Jaireth
50. Gender and Human Trafficking; Supply and Demand Dynamics, with Dr. K. Gopal

Invited Lectures and Seminars:

1. Invited panelist at the International Conference on Strategies for Collegial Research Engagement and Methodology for Agribusiness and Plantation Sector, Indian Institute of Plantation Management, Bengaluru, India July 30-31, 2019
2. International Academy of Business, 2018. paper titled, "What has Gender Mainstreaming to do with Economic Development and Why? Some Empirical Observations", Jointly with Sushma Jaireth presented October, 2018
3. Invited Speaker at the International conference on Pluralism, Society and Management, jointly organized by Howard University, USA and Invertis University, India August 2017, 2016
4. Invited speaker at the American Association for Advancement of Science, San Jose, 2015
5. Invited Speaker at the Economic Outlook Meeting, La Porte County at PNC, Oct 2015
6. Invited Comments for NPR at Marketplace.org
7. [Keynote Speaker at Wartburg College, Iowa, October 2011](#)
8. Invited speaker at Chancellor's commission, IUNW 2013
9. Seminar speaker and Panelist at NWI Economic Indicators, 2013
10. Invited talk at National Institute for Public Finance and Policy, New Delhi, 2011
11. Invited talk at the Institute for Social and Economic Change, Bangalore, India, 2011
12. Invited talk at Bangalore University, Bangalore, India, 2011
13. Invited talk at China Europe International Business School (CEIBS), Shanghai, China 2007
14. Invited talk at Wichita State University, Wichita, KS, 2001
15. Invited lectures at Madras School of Economics, Chennai, India, 2000, 2001
16. Invited talk at Delhi School of Economics, Delhi, India, 2000
17. Invited talk at Faculty of Economics, University of Pisa, Pisa, Italy, 1999
18. Invited talk at Facolta di Economia, University of Naples, Italy, 1981, 1997, 1989, 1999
19. Invited talk at Barney School of Business, University of Hartford, Hartford, CT, 1990
20. Invited talk at Department of Economics, Wesleyan University, Middletown, CT 1990
21. Invited talk, Faculty of Economics, University of Calabria, Cosenza, Italy, 1989

22. Invited talk at Department of Statistics, University of Connecticut at Storrs, CT, 1989
23. Invited talk at Department of Financial Economics, University of Trieste, Italy, 1987.
24. Invited talk at Facolta di Agraria, University of Naples at Portici, Italy, 1981
25. Invited lectures at Center for Operations Research and Econometrics (CORE), University Catholique di Louvain, Belgium, 1981.

Professional Awards and Honors

1. Chair, Beyond Boundaries-Indiana Academies Symposium 2020. <https://go.iu.edu/2abh>
2. Dean's Excellence Award Inaugural year, 2019, School of Business and Economics, IUN
3. Invited panelist, International Conference on Strategies for Collegial Research Engagement and Methodology for Agribusiness and Plantation Sector, Indian Institute of Plantation Management, Bengaluru, India, July 30-31, 2019
4. J. Carl Metz Award for exceptional service, Indiana Academy of the Social Sciences, 2015;
5. Distinguished Service Award, Indiana University Northwest, Gary, IN, 2014
6. President, Indiana Academy of the Social Sciences 2008-2013 and President Emeritus 2017-
7. Invited Speaker at the 115th Annual meeting of the American Association for Advancement of Science (AAAS) at San Jose, CA "[Solutions for Achieving Gender Equity: International Perspective](#)"
8. [Keynote Speaker](#) at the 43rd annual Corporation Day at Wartburg College, in Waverly, Iowa, 2011
9. [International Society for Bayesian Analysis, Nominating Committee, Economics Finance and Business; 2014-15](#)
10. Invited Speaker, 2nd International conference on Innovative Strategies for India Inc., and Challenges, in Bangalore, India 2011
11. National award for Excellence in Teaching from the National Society of Leadership and Success, 2010
12. Diversity Friend Award for promoting diversity at IU Northwest, 2006-07 and 2007-08
13. Faculty inductee $\beta \Gamma \Sigma$ International Business Honor Society, 2008
14. Invited contributor to Marketplace.org at American Public Media (APM) of NPR, December 2015 on Women in Military and Gender Pay Gap
15. Mercantile/ Harris Bank National Association School of Business and Economics Award for Excellence in Service 2009, 2011, 2015
16. Online Conversation Facilitator, Common Grounds, Sustainability Community
17. International Advisory Board of the International Journal of Environmental, Cultural Economic and Social Sustainability, 2006
18. Associate Editor: The Journal of the Indiana Academy of the Social Sciences; Journal of Business Economics Research 2003-till 2010; Journal of African Business Research (JABR) and International Journal of Public Private Partnerships (IJPPP) 2014-
19. Editorial Board -International Journal AIMS, 2006-till date, Journal of Quantitative

Economics (Journal of the Indian Econometrics Society, 1995-2000)

20. Assistant Editor: Journal of Economics 2005-till date;
21. Fellow of the Center for Sustainable Regional Vitality, IU Northwest, 2005-07
22. Executive Vice President, Indiana Academy of the Social Sciences, 2007-08
23. Senior Director, Economics Section IASS, 2007-08 and Director, IASS 2006-07
24. Invited contributor, Northwest Indiana Times, Lakeshore Public Radio and Lakeshore TV

Research and Teaching Awards and Honors

1. “Distinguished Fellow” International Academy of Business, 2016
2. Invited speaker and panelist at the 115th Annual conference of the American Association for Advancement of Science (AAAS) at San Jose, CA, 2015. “Solutions for Achieving Gender Equity: International Perspective”, in 2015. This is nation’s largest science gathering and highly prestigious international venue. <http://archive.news.iu.edu/releases/iu/2015/02/aaas-iu-participants.shtml>
<http://www.iun.edu/news/2015/surekha-rao-aaas-conference.htm>
3. Commentator on gender wage equity at NPR marketplace.org.
4. For my research work on India and other emerging economies I was a Keynote Speaker at the 43rd annual Corporation day at Wartburg College, Waverly, Iowa, 2011
5. I was an invited Speaker at the 2nd International conference on “Innovative Strategies for India Inc., and challenges”, in Bangalore, India 2011
6. Mercantile/ Harris NA, School of Business and Economics Award for outstanding contributions to Research and Creative Activity, 2010-11
7. Mercantile/ Harris NA, School of Business and Economics Award for outstanding contributions to Research and Creative Activity 2007-08
8. D.H. Drummond Award for the best Ph.D. thesis, University of New England, Australia
9. National award for Excellence in Teaching from the National Society for Leadership and Success, 2010
10. Board of Trustees Teaching Award, IU Northwest 2010, 2007
11. Mercantile/ Harris Bank National Association School of Business and Economics Award for Excellence in Teaching, 2006-07
12. Finalist: Founders day Teaching award 2005-06, nominated in 2006-07, 2010
13. Campus finalist “Faculty Colloquium on Excellence in Teaching” (FACET) 2007, 2012
14. Awarded a laptop from CETL for enhanced use of technology in pedagogy, 2006
15. CETL(CISTIL) Silver Level Certificate: Loyalty Program Award, 2004-06
16. Awarded iPod, Mac and equipment for developing Podcasts for Economic courses.

Editorial Service

- Senior Deputy Editor: Journal of the Indiana Academy of the Social Sciences: 2016-2018

- Deputy Editor: Journal of the Indiana Academy of the Social Sciences 2014-16
- Member Editorial Board: International Journal of Public Private Partnerships (IJPPP) 2014
- Member Editorial Board: Journal of Association of Indian Management Scholars 2006-
- Associate Editor: Journal of Quantitative Economics 1998-2003
- Associate Editor: Journal of Business Economics Research 2003- 2010
- Assistant Editor: Journal of Economics 2005- till date

Journal Refereeing

- Journal of Econometrics
- Econometrics Journal
- Economic Modeling
- Journal of Multivariate Analysis
- Journal of Economics
- Journal of Quantitative Economics
- Journal of the Association of Indian Management Scholars
- Empirical Economics
- Journal of Business and Economics Research and several other Economics and Social Science Journals

Ph.D. and M. Phil. Thesis External Examiner and Reviewer International

- Jawaharlal Nehru University, Delhi, India
- Center for Development Studies, Kerala, India
- Calcutta University, Kolkata, India
- Indian Statistical institute, India
- University of Delhi, Delhi, India
- Presidency College, Chennai, India
- University of Madras, Chennai, India
- International Islamic University, Islamabad, Pakistan

National and International Conference Presentations

1. Annual conference of the International Academy of Business, 2018. A paper titled, " What has Gender Mainstreaming to do with Economic Development and Why? Some Empirical Observations", Jointly with Sushma Jaireth was presented.
2. Indiana Academy of the Social Sciences 88th annual meeting, 2017. A paper titled " Reinventing and Revitalizing Northwest Indiana: Lessons from the Pittsburgh Region", jointly with Anthony Sindone, Stefan Barkow, Leah Konrady, Micah Pollak, and Daniel Saros.

3. Allied Social Sciences Association (Joint session of American Economic Association and other related Finance and Economics organizations) annual conference, ” **Developing Large-scale Interactive Online Gateway Courses for Undergraduate Economics**” with Dmitriy Chulkov. It was presented at the session on Economics Education (poster session) at San Francisco, 2016.
4. International conference on Pluralism, Society and Management, jointly organized by Howard University, USA and Invertis University, India in August 2016. Paper titled” Democracy, Gender Empowerment and Female Education: Role of Girl’s Madrasas in India” was invited and presented online.
5. International Academy of Business Annual meeting, Washington, DC, October 2015. Session chair and paper presenter of the paper titled” Pluralism and Gender Empowerment, a Recipe for Economic Growth”.
6. Indiana Academy of the Social Sciences 87th annual meeting at PNW Westville, IN, October, 2015. Paper titled” Trade, FDI and Economic Growth, Case study of NWI”
7. IU Online Conference, at IUPUI, Indianapolis, November 2015. Co-presenter for the paper titled” Developing and Teaching Online Gateway courses for Undergraduate Economics”
8. American Association for Advancement of Science, San Jose, CA, 2015, 115th Annual meeting, Invited panelist and a paper titled, “ **Economic Influence and Impact of Gender Equity**”
9. Academy of Business Research, 2015 fall meeting at Indianapolis: “US Trade with Rogue Nations”
10. Indiana Academy of the Social Sciences 2015, Evansville, IN. Session organizer on **Gender: Inequality, Human Rights, and Economic Struggles and** Presented two papers i) Gender Inequality, Female Education and the Role of Girls’ Madrasas with Sushma Jaireth and ii) Gender and Human Trafficking; Supply and Demand Dynamics, with Dr. K. Gopal
11. Indiana Academy of the Social Sciences 2014, Anderson IN. I Presented two papers:
 - i) FDI and Emerging Economies; case study of India, Jointly with Dr. KK Seethamma, Bangalore University, India.
 - ii) Poverty Inequality and All Inclusive Sustainable Growth Index: International study. This is extension of the earlier work I presented at the Chancellor’s commission at Indiana University, Northwest, 2013
12. Chair, discussant and presenter at the Midwest Economics Association Meeting, Columbus, OH, 2013
13. Invited talk at the 2nd International conference on “Strategies for India Inc. and Challenges”, Bangalore India, 2011
14. 4th International conference of the Knowledge Globalization Institute at Boston, November 2010, paper titled” Market Economy Status and Emerging Economies”
15. International Conference on Quantitative Methods for Public Policy, IIM Bangalore, August 2009, paper titled” On the J-Tests for Non Nested Hypotheses and a Bayesian Solution”.
16. Missouri Valley Economic Association Annual Conference, October 2008 St. Louis, Paper

titled “Measuring the Success of Economics Reforms in Emerging Economies ”

17. Global Digital Business Association annual meeting, Online presentation, 2007, Paper titled “Measuring the Success of Reforms in Emerging Economies: New Results”
18. Indiana Academy of Social Sciences, October, 2007, Paper titled “Measuring the Success of Transitional Economies”
19. International Academy of Business and Public Administration Disciplines, Dallas, 2007, titled “Business Practices of Wal-Mart in Northwest Indiana” with Cynthia O’Dell
20. Center for Regional Excellence Conference, IU Northwest, April 2007, Paper titled “Business Practices of Wal-Mart in Northwest Indiana with Cynthia O’Dell
21. Missouri Valley Economic Association Annual Conference, October 2006 Minneapolis Paper titled “Why do Women Balk at Larry Summers: Separating facts from fiction” ;Chair and Discussant.
22. Center for Regional Excellence Conference, April 2006, Paper titled “Sustainable Development Index for Northwest Indiana”.
23. Indiana Academy of Social Sciences, October 2005, Paper titled “Sustainable Development Index: A Case Study of Northwest Indiana”.
24. International Conference on Quantitative Methods for Management, August 2005, “Performance of Classical Models: Does Information Matter?” With Om Gupta
25. International Conference on Quantitative Methods for Management, August 2005, Papers titled” Quantitative Analysis of Sustainable Development 15. International Affairs Club, IU Northwest 2003, 2005
26. Invited paper at the International conference on the Future of Statistical theory, Practice and Education” in Hyderabad, 2004: Paper titled” Bayesian Price Index Numbers and More”
27. Missouri Valley Economic Association meeting at Nashville, TN October 2004, Paper titled “Measuring the Success of Reform Economies”
28. Missouri Valley Economic Association Conference, Kansas City, February 2004, titled “A Bayesian Approach to Index Numbers”
29. International Conference on Applied Economics and Economic Policy, New Delhi, 2001; Invited paper titled “Nonparametric Methods in Econometrics: Do They Perform Better?”
30. International Workshop on Applied Bayesian methods in Econometrics and Forecasting, Bangalore, India, 2000; Invited Paper titled “It pays to Go Bayes”
31. Annual Conference on Recent advances in Quantitative Economics: Bangalore,1999 Paper Titled “Bayesian Basics and Inference in General Linear Models”
32. International Conference on Real Analysis and Applications, Italy, 1998. Paper Titled “Information Arrival and Stochastic Volatility”
33. Indian Econometric Society Meetings, 1988, Paper titled: “On the Equality of Two Tests for Heteroscedasticity”
34. Indian Econometric Society Meetings, 1996, Paper titled” Practice and Problems in the use of

Unit Root Tests”

35. Indo- US Conference on Bayesian methods in Statistics and Econometrics, Bangalore, India, 1988; Paper titled “A Monte Carlo Comparison of the Sampling distribution of Bayesian and Non-Bayesian estimators for Heteroscedasticity”
36. 5th World Congress of the Econometric Society, M.I.T., 1985, Paper titled” Classical and Non-Classical Tests for Heteroscedasticity”
37. 9th NBER-NSF seminar on Bayesian Inference in Econometrics, Rutgers, 1984, Paper titled” Bayesian Heteroscedastic Models: a Generalized Approach”

Grants for Teaching, Research and Engagement

1. Gateway Course Development Grant with economics faculty colleagues from five regional campuses. Total grant value \$50,000, Office of Online Connect, Indiana University, 2014
2. Undergraduate Research fund (URF): 2004-05, 2006-07, 2013-14, 2017-18
3. “Teaching Online” course grant recipient IUNW 2011-12
4. CIBER, DOE, grant for Curriculum Grant for conducting a Workshop/ seminar “On Doing Business in India”, 2011
5. Professional Development Grant, 2009 for hosting an Internationalization seminar on International Ramifications of Current Financial Crisis
6. International Enhancement Grant, Office of the International Affairs, 2006, to explore and develop “International Economics Practicum” in India.
7. Professional Development Grant from Center for Excellence in Teaching and Learning, 2006, for incorporating “International Economics Practicum” module in international economics classes.
8. Professional Development Grant from Center for Excellence in Teaching and Learning, 2005 for conducting “Symposium on Asia”
9. Faculty Development Grant for developing a course on “Forecasting for Business and Industry”, Center for Excellence in Teaching and Learning, IU Northwest, 2003
10. Overseas Conference Grant, Office of the International Programs, IU 2011-12.
11. Overseas Research Grant, Office of International Programs, IU, 2010.
12. Overseas Conference Fund Grant, Office of International programs, IU, 2009.
13. Summer Faculty Fellowship Grant, IU Northwest, 2008.
14. Grants-in-Aid of Research, IU Northwest, 2007.
15. Center for Sustainable Regional Vitality Grant, a part of Lilly Foundation Grant, for ‘Business Practices of Wal-Mart in Northwest Indiana’ with Cynthia O’Dell, 2006.
16. Intercampus Research Grant for Forecasting Model for Northwest Indiana, with Don Coffin of IU Northwest and Will Witte of IU Bloomington, 2005
17. Lilly Foundation Grant sponsored by the Center for Sustainable Regional Vitality (now Regional Center for Excellence), “Green Quality of Life Index” ,2004

18. Research Project Initiation Grant for a Project on “Green Quality of Life Index” Indian University, 2003
19. Intercampus Travel Support Grant, Indiana University, 2003.
20. Overseas Travel Grant from the Office of International programs in 2004 to participate in International Conference on Future of Statistical theory and Teaching.
21. Approximately \$10,000 received from IBM India, GE Capital, and Professor Leonard J. Savage Memorial Fund for an international workshop in 2000
22. Research grants obtained from the Government of India (Central Statistical Organization) and Indian Statistical Institute during 1997, 1999 to 2002.
23. Diversity Programming Grants for Asia Day, 2005- 2016 (12 years in a row)
24. World Music Day, 2015
25. Professional Development Grant, SOBE for Regional Economic Indicators, 2013
26. Department of Education and Center for International Business Education Research (CIBER) grant, for a public symposium on Doing Business in India, 2011
27. Diversity Programming Grant for Symposium on Asia, 2006
28. Diversity Programming Grant for Visit and talk by Chinese Trade Consul, 2005, 2009

Research Interests

1. Contemporary and challenging economic and development issues
2. Solutions for gender inequity and women in Science
3. Forecasting for business and industry
4. Bayesian Econometrics and applications
5. Social choice and mathematical economics
6. Globalization and international trade policy

Teaching Interests

1. Statistical tools for management
2. Applied data analysis and decision making
3. Statistical modeling and forecasting
4. International trade, globalization and emerging economies
5. Economics for business managers
6. Gender, Growth and globalization

Courses Taught

Introduced several new courses, developed online classes, introduced new pedagogical methods, promoted experiential learning and taught a wide spectrum of courses in Statistics, Economics, Econometrics, Finance, Globalization, International Business and Management

Undergraduate Courses (Economics and Quantitative Methods): Principles of Micro and Macro Economics, Intermediate Microeconomics, Development Economics, International

Economics, Managerial Economics; Quantitative Methods in Economics, Basic Econometrics, Business and Finite Mathematics, Statistics for Business and Economics, Statistics for Social Scientists, Index Numbers and Time Series, Probability and Statistical Inference, Basic Statistics and Development Econometrics, Growth, Gender and Globalization

Undergraduate Courses (Business): Introduction to International Business Environment

Graduate Courses (Economics and Statistics): Econometrics and Applied Econometrics: Forecasting for Business and Industry, Bayesian Econometrics, Applied Econometrics and Data Analysis, Modeling for Management, Applied Economic Statistics with Time Series, Statistical Methods for Business Management, Financial Economics, Principles of Financial Management, Managerial Economics,

Graduate Courses (Business); Globalization and International Economies in Transition, International Business

New Courses Developed

1. Growth Gender and Globalization E390/W400 (2018)
2. International Business Environment, Undergraduate upper division D301 (2016)
3. Managerial Economics MBA, G502: (2012)
4. International Business for MBA class B515 (2012)
5. International Economics: Undergraduate Upper division E430: (2005)
6. Globalization and International Economies in Transition, Graduate E501(2004)

Online Courses Developed

1. Gateway Course in Principles of Economics 2015
2. Principles of Macroeconomics, 2014
3. Statistical for Business and Economics: Undergraduate, fall 2012
4. Economics for Managers, Graduate, 2011
5. Globalization and International Economies in Transition: Graduate, Spring 2006
6. Statistical Methods for Management: Graduate, 2007

Innovations in International Curriculum

I have introduced a variety of learning experiences in my international courses including guest lectures by trade and economic consuls of emerging economies and interactions with exporters from the region. I also introduced an experiential learning module, International Economies Practicum (a short study trip overseas) for my students. This was adopted as a regular part of the weekend MBA program.

Independent Study

Several undergraduate students and a few graduates have successfully completed independent study programs with me. This helps our students more options of advanced courses.

Undergraduate Students' Research

Mentored undergraduate students to carry out research and receive using Undergraduate Research fund: 2004, 2006, 2009, 2013 and 2017

1. In 2004, soon after I joined IUNW, I mentored Prakash Patel, an undergraduate business major

and he received the Undergraduate Research Fund (URF). He worked with me and presented a paper titled “Do unemployment rates really matter?” at the Missouri Valley Economic Association meeting in Nashville, Tennessee. This is a national meeting of the Economists and Prakash Patel presented his paper in a regular session.

2. In 2006, one of my students Tim Senovic, whose Statistics class project “What makes a MLB team a winning team?” was published as a lead story in the local newspaper in 2006 http://www.nwintimes.com/sports/numbers-crunching/article_aaacc3e9-ff28-5f68-8fdf-b66149f525fd.html
3. In 2006, Aaron Ingram, worked under my mentorship and presented a paper titled “Real Estate Economics of Northwest Indiana” at the Indiana Academy of Social Sciences in 2007. This research was funded by the URF at IU Northwest.
4. In 2010, Derek Johnson, worked under my mentorship and presented a paper titled “Obesity and Poverty, a Socioeconomic Analysis”, at the 81st Annual meeting of the Indiana Academy of the Social Sciences at University of Indianapolis. This research was funded by the URF at IU Northwest.
5. In 2013, three of my students Callie Parkinson, Adam Cory and Brittany Bennett, all recipients of the URF at IU Northwest presented their paper titled “The Hidden Cost of Facebook” at the 84th annual meeting of the Indiana Academy of the Social Sciences at Ball State in Muncie.
6. Lavern Cohen, Daniel Gardner and Steven Guzek, three of the Economics’ majors worked under mentorship as part of the course on International Economics. They jointly analyzed the Northwest Indiana county level trade data. They prepared and presented a paper titled “Power of International Trade in Middle America” at the COAS conference in April 2014.
7. In 2017, Matthew Paskash, an economics major received URF from IU Northwest to work on “Solutions for Reducing Gender Wage Gap in Northwest Indiana”. He presented his work at three conferences: WGS and COAS conferences at IUN, 2018 and at the 88th annual conference of the Indiana Academy of the Social Sciences at Wabash College, 2017.
8. I took graduate and undergraduate students for research assistantship. I took four undergraduate students for help with building data on socio economic demographics for NWI.
9. I provided research assistantship to two undergraduate students to help with my Walmart project with Professor O’Dell.

Professional Development

1. Quality Matters: Certificate, 2014
2. Canvas Boot Camp 2014
3. Month long workshop on “Online Teaching” by CISTIL at IUNW, 2012
4. Workshop on “International Business”, University of Memphis, CIBER, 2010
5. Distance Education Certificate Course, IUPUI 2009
6. International Learning Workshop, IUPUI, March 2009
7. Internationalization of Curriculum, IUB, 2009
8. Camp Econometrics, Ithaca, New York, April 2008
9. Technology Options for Presenting Lectures Online, CETL, Spring 2007
10. International Experience in Curriculum: lead discussant, CETL2007,
11. Center for International Business Education and Research (CIBER) Workshop at IU Bloomington on “Use of Multimedia for International Classes”, 2006

Professional Activities

1. Invited Speaker at the International conference on Pluralism, Society and Management, jointly organized by Howard University, Washington DC and Invertis University, India August 2016
2. Commentator at National Public Radio, Marketplace.org, 2015
3. Speaker at Economic outlook meeting La Porte County, 2015
4. Member Steering Committee, World Trade Alliance, 2014-15
5. President: Indiana Academy of the Social Sciences; 2008-2013
6. Member, Nominating Committee, EFaB, International Society for Bayesian Analysis, 2014
7. Member, Executive Board Indiana Academy of the Social Sciences, 2014-
8. Speaker and Panelist at the Chancellor's commission, IU Northwest, 2013
9. Speaker and panelist at the Regional Economists Forum, April 2013
10. Invited Speaker at public symposium "International ramifications of the Current Financial Crisis" at Purdue University Calumet, 2008
11. Master of Ceremony for the two-day conference on 'Mitigating Rural Poverty In India' organized jointly by the India Development Coalition and Dhar India Studies Program of Indiana University (Terre Haute chapter) 2010
12. Radio commentary at Lakeshore Public Radio
13. Expert analysis: Northwest Indiana Times, Post Tribune
14. Member: Regional Economists' group NWI

Membership of School and Campus Committees

1. Elected Member Faculty Executive Committee; 2011- 2015, 2017,2019
2. Member Enrollment Management Group, 2013-
3. Member: Undergraduate Research Fund: 2009-2018
4. Member: Strategic Planning Team of IU Northwest (similar to IUNW Council), 2005-2009
5. Member: Curatoriate, Center for Cultural Discovery and Learning, 2004-07
6. Chair, AQIP Category 2: 2008-09; 2010-11, 2011-12
7. Chair: IU Northwest International Affairs committee, 2009-10, 2010-11
8. Member: IU Northwest, International Affairs Committee 2003-08
9. Member: Campus Library Committee, 2008- 2015
10. Member: Campus Academic Affairs committee 2012-13, 2013-14, 2015-16

11. Member: Campus Research and Grants committee: 2014-15, 2015-18
12. Member: Campus Faculty Development Committee 2012-2013, 2013-2017
13. Member: Distinguished Service Award committee 2015
14. Member: Campus Committee on Sustainability 2011-
15. Member: Faculty Ambassadors: 2013-
16. Member: Campus Council on Diversity 2004-06, Outcome#3 2004-05
17. Equity Advisor 2011-
18. Fellow: Center for Regional Vitality 2004-05; 05-06
19. Member faculty Board of review 2009-2010
20. Chair: Library Committee, School of Business and Economics 2003- 2015
21. Chair, Engagement Committee, 2015-2017
22. Elected Member: School Promotion and Tenure committee: 2012-2015
23. Member: Strategic Planning Committee, School of Business 2008 –
24. Member: Trustees Teaching Award Committee 2007-08, 2010-11
25. Member: Faculty Development Committee, School of Business 2005, 2007
26. Search committee: Vice Chancellor for Student Affairs 2013- 14
27. Search committee: Vice Chancellor for Student Affairs and Enrollment Management 2014 -15
28. Search Committee Marketing Faculty: 2007, 2012
29. Search Committee Accounting faculty: 2008
30. Search Committee: Assistant Vice Chancellor for Institutional Research search: 2008-09
31. Search Committee: Mathematics faculty: 2016, 2009
32. Search committee: Economics faculty: 2011
33. Faculty Advisor: Asian American Student Association 2005-
34. Academic Advisor: Economics majors and minors
35. Advisor: Economics Club: 2012-

Peer Reviewer:

IU Northwest

Several other universities

External Reviewer for Promotion and Tenure
National and International

Workshops/Conferences Organized

1. [Beyond Boundaries](#)- Indiana Academies Symposium, April 2020
2. Indiana Academy of the Social Sciences 2015, Evansville, IN. Session organizer on Gender: Inequality, Human Rights, and Economic Struggles
3. Co-Chair 84th Annual conference of the Indiana Academy of the Social Sciences, 2013
4. Co-Chair 83rd Annual conference of the Indiana Academy of the Social Sciences, 2012
5. Workshop cum Symposium on” Doing Business in India”, 2011
6. Symposium on “China after the Global Financial Crisis” Chinese Vice Consul, 2005, 2009
7. “Symposium on Asia”: Panel discussants from Indonesia, India, Philippines and South Korea to discuss the impact of economic reforms and trade with USA, Spring 2006
8. Special session on “International Economies in Transition” at the Missouri Valley Economic Association meeting in Nashville TN, 2004
9. Presentations by Romanian Economic Consul and by a local exporter, 2004.
10. Special session on Bayesian Econometrics at the International Bayesian Conference, Calcutta, India, 2002.
11. Three Annual Workshops on Applied Bayesian Methods in Econometrics and Forecasting: 1999, 2000 and, 2001.

Community Activities Organized and Participated

1. Coordinated Northwest Indiana Regional Council of Economists along with One Region, a regional Non-profit during 2017-18 for a “rejuvenating plan for northwest Indiana”. Economists from Valparaiso, Purdue Northwest, Workforce One and SoBE worked jointly with One Region CEO
2. Planned and organized Asia Day from 2005-2018 to promote cultural and global integration on campus.
3. Planned and organized several unique symposia, seminars and lectures to promote globalization and International Trade.
4. Moderator, Export 101, workshop organized by SBDC, Lake county, 2015
5. Presented Northwest Indiana Economic Indicators with Regional Economists’ Group, 2013
6. Organized a public lecture by Professor Krishna Kumar, a leading India expert on “India and the Global Economy in 2011 and beyond” jointly with Northwest Indiana World Trade Council
7. Organized a panel of speakers for a symposium “Doing Business In India” through a Center for International Business and Education Research (CIBER) federal grant to promote international trade, 2011
8. Joint Organizer and Master of ceremonies for public lecture for Dhar India Studies Program, Terre Haute Chapter, in October 2008, 2010

9. Organizer symposium on Current Financial Crisis and Emerging Economies by the Vice Consul of China, Spring 2009
10. Member Cultural Connection Exhibit Committee Lake County: 2006
11. Organizer and sponsor of Symposium on Asia and visits of Trade and Economic Consuls of India, Indonesia, Philippines and South Korea in April 2006
12. Organized special lecture by Vice Economic Consul of China, 2005
13. Free statistical consultancy for Government auditor on Medicare use, 2005
14. Speaker at the Student International Affairs Club, IU Northwest 2004, and 2005
15. Organizer Special lectures by Economic Consul, Romania and a regional exporter, 2004

Economics and Statistical Consulting

1. Member of the Expert Group of the Government of Karnataka, India, 1999- 2001 to study the issues of “Measurement of State Domestic Product”.
2. Survey design for Middlesex Family Practice Group, Middletown, CT
3. Data Analysis for Indian Institute of Plantation Management, India
4. Consulting for Rubber Board of India
5. Consulting for Coffee Board of India, India
6. State Bank of India Officers Services, Bangalore, India
7. West Bengal Public Service Commission; Calcutta, India
8. SPSS group, India

Membership of Professional Societies

1. International Society for Bayesian Analysis
2. Indiana Academy of the Social Sciences
3. Northwest Indiana World Trade Alliance
4. The Econometric Society
5. Academy of Business Research
6. Academy of Business and International Educators Group