

CURRICULUM VITAE

NAME: KAJAL LAHIRI

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MARITAL STATUS: Married, One son.

CITIZENSHIP: U.S. (naturalized)

ACADEMIC TRAINING:

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| Ph.D. | (1975) | Univ. of Rochester, Economics |
| M.A. | (1974) | Univ. of Rochester, Economics |
| M.A. | (1970) | Univ. of Calcutta, Economics |
| Diploma | (1968) | Indian Statistical Institute, Statistics |
| B.A. Hons. | (1967) | University of Calcutta; Economics |

Ph.D. DISSERTATION: Estimation of Economic Models with Unobservable Variables, 1975; University of Rochester.
(Advisor: G.S. Maddala)

PRIMARY FIELD: Econometrics

SECONDARY FIELDS: Forecasting; Health and Disability

WORK EXPERIENCE:

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| March 2005 – Present | Distinguished Professor, University at Albany, SUNY. |
| September 1981 – Present | Professor, Economics, University at Albany, SUNY. Also, affiliated faculty, Biometry & Statistics (1989-03); Health Policy & Management (since 1990), School of Public Health, University at Albany-SUNY; Chair, Economics Dept. 1994 – 1997; Director, Econometric Research Institute (1982 -). |
| May 1 – June 21, 2012 | Fernand Braudel Senior Fellow, |
| May 1 – June 7, 2013 | European University Institute, Florence, Italy |
| January 11-20, 2016 | Visiting Scientist, Indian Statistical Institute, Kolkata, India |

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|---|---|
| November 20-25, 2010. | Consultant, United Nations, Moscow, Russia |
| July 1- July 31, 2008 | CESifo Visiting Researcher, The ifo Institute for Economic Research, Munich, Germany. |
| May 1987- Dec. 2012 (various periods) | Visiting Scholar, Research Department. International Monetary Fund, Washington, D. C. |
| July 2006 and July 2009 | Academic Visitor, City University of Hong Kong |
| September 1993-August 1994 Also, various periods: 1995-2002 | Visiting Scholar, Division of Economic Research, Office of Research and Statistics, Social Security Administration, Washington, D.C. |
| 1992 Winter | Research Associate, Ringel Institute of Gerontology, Rockefeller College, University at Albany. |
| January 1990 - May 1990 | Visiting Professor, Sino-U.S. Education Commission, National Academy of Sciences, Economics Training Center at the Peoples' University, Beijing, China. |
| May 1986-August 1986 | Graduate Faculty, Economics Institute, University of Colorado, Boulder, Colorado |
| December 1984-February 1985 | Visiting Fellow, Australian National University Canberra, Australia |
| Dec 1983 - June 1984 | Visiting Professor University of Florida, Gainesville |
| July 1978-August 1981 | Associate Professor of Economics State University of New York at Albany |
| December 1979-June 1980 | Visiting Associate Professor University of Florida, Gainesville |
| January 1976-July 1978 | Assistant Professor, State University of New York at Albany. |
| May 1975-December 1975 | Assistant Professor of Economics, Indian Institute of Management, Calcutta, and Part-time Faculty, Indian Statistical Institute. |
| June 1973-May 1975 | Lecturer, University of Rochester |

September 1971-May 1973 Fellow in Economics, University of Rochester

April 1970-May 1971 Research Fellow, Indian Council of Social Science Research

HONORS & OTHER APPOINTMENTS:

Elected Fellow, IAAE – The International Association of Applied Econometrics, 2019

“Forecasting issues in developing economies” – special section of *International Journal of Forecasting*, dedicated to Kajal Lahiri on his birthday.(Edited by G. González-Rivera, P. Loungani, X. Sheng), Volume 35, Issue 3, 927-1192 (July–September 2019)

Chair, Expert Group on Inflation Expectations Survey of Households, Reserve Bank of India, 2019.

Fellow, Global Labor Organization (GLO) – An International Network and Virtual Platform on Labor, 2019.

Distinguished Visiting Professor, Center for Training and Research in Public Finance and Policy, Center for Social Sciences, Kolkata, India, 2018 –

Visiting Professor, Macquarie University, Sydney, Australia, August 2018.

Special Issue of *Empirical Economics* in honor of Kajal Lahiri: “Forecasting, use of survey data on expectations, and panel data applications” (Ed. B. Baltagi), August 2017, Issue 1, pp.1-372.

Journal of Applied Econometrics Distinguished Author, 2017.

Member, Special Emphasis Panel, National Institute of Minority Health and Health Disparities, National Institutes of Health, July 26-28, 2017.

Keynote Lecture at a workshop organized by the Research Department of the International Monetary Fund in Honor of Kajal Lahiri on 70th Birthday, April 26-27, 2017.

Key note address, “Forecast Combination for Binary Targets”, New York Camp Econometrics XI, 1000 Islands Harbor Hotel, Clayton, NY, April 8-10, 2016

Keynote Lecture, Workshop on "Uncertainty and Probabilistic Forecasting during the Financial and Economic Crisis", 20-21 June 2014, University of Heidelberg, Germany.

Dwivedi Memorial Lecture, Concordia University, Department of Mathematics and Statistics, Montreal, Canada. April 18, 2014.

Fernand Braudel Senior Fellow, European University Institute, Florence, Italy, 2012-13.

Member, Business Cycle Indicators Advisory Panel, The Conference Board, New York. 2011 -

Elected Honorary Fellow, International Institute of Forecasters, 2009 -

Guest Professorship, Renmin University of China, Beijing. 2009 -14.

Fellow, Center of Economic Research and ifo Institute (CESifo), Munich, Germany. 2008 -

Best Paper Award, *International Journal of Forecasting* 2006-2007.

Recipient of the College of Arts and Sciences Dean's Excellence in Teaching Award, University at Albany, SUNY, 2006

Isaac Kerstenetzky Award, Honorable mention, Best paper in the World category, 29th CIRET Conference, Santiago, Chile 2008.

Member, Board of Governors, Honors College, SUNY, Albany, 2006 –2009.

Honorable Mention, Best Paper Competition, Federal Forecasters Conference, Washington D.C. April 2005.

Recipient of the 2004 Excellence in the Pursuit of Knowledge Award for Making Distinguished Contributions to the Field and Enhancing the Reputation of the State University of New York.

General Chair, The 27th International Symposium on Forecasting, Marriott Marquis Hotel, New York City, June 24-27, 2007.

Member, National Screening Committee, Institute of International Education, (Fulbright-Hays Programs), 1998-2001.

Member, Nominating Committee for the Sveriges Riksbank Prize in Economic Sciences, 1994-1998, 2009 -16.

Member, Isaac Kerstenetzky Award Committee, FGV Brazil since 2012.

President's Award for Excellence in Research in recognition of outstanding performance and significant contribution to campus quality, State University of New York - Albany, 1990 .

Advisory Board Member and Associate, Center for Social and Demographic Analysis, 2004 –.

Member, Board of Advisors, Reserve Bank of India Macroeconomics Annual, Center for Studies in Social Sciences, Kolkata, India. 2003 –

Consultant on a project examining possible racial disparity in Social Security disability determinations, U.S. General Accounting Office, 2002-03.

Member, Economics Advisory Board for Economic & Revenue Forecasts, NY State Division of

Budget, State of New York, 1999 –

Advisory Board Member and Research Fellow, Center for Institutional Investment Management, School of Business, University at Albany-SUNY, 2002 -.

Associate, Center for the Elimination of Minority Health Disparities, 2006 -.

Member, Budget Advisory Committee, Albany County, 2006 - 2008.

PUBLICATIONS:

"Multiperiod Predictions in Dynamic Models," *International Economic Review*, October 1975, 699-711.

"Inflationary Expectations: Their Formation and Interest Rate Effects," *American Economic Review*, March 1976, 124-131.

"Estimation of Econometric Models with Unobservable Variables," *Arthaniti*, Journal of Economics of the University of Calcutta, Vol. X, 1977, 102-122.

"Estimation of Triangular Structural Models," (with Peter Schmidt), *Econometrica*, May 1978, 1217-1221. Reprinted in *Simultaneous Equations Estimation* (ed. Carl Christ), Edward Elgar Publishing Ltd, London (1994).

"A Note on a Theorem by Professor Chow," *Economic Letters*, Vol. 1, No. 2, 125-127.

"Inflationary Expectations and the U.S. Wage-Price Dynamics," *Proceedings of the Econometric Society European Meeting 1979, Selected Econometric Papers in Memory of Stefan Valavanis*, (ed. E. G. Charatsis), North-Holland Publishing Co., 1981, 421-436.

"A Joint Study of Expectations Formation and the Shifting Phillips Curve," *Journal of Monetary Economics*, July 1977, 347-359.

"MELO Predictors in Dynamic Economic Models," *Proceedings of the American Statistical Association Meeting*, (Business and Economic Statistics Section), 1977, 354-356.

"Capital Formation in the Indian Cigarette Industry: A Micro-Econometric Study," *Sankhya-The Indian Journal of Statistics*, 1979, 155-170.

"Tests of Rational Expectations and the Fisher Effect," (with J. S. Lee), *Southern Economic Journal*, October 1979.

"On ML Estimation of Functional Form and Heteroskedasticity," (with D. Egy), *Economics Letters*, 2, 1979, 155-159.

"On the Constancy of Real Interest Rates," *Economics Letters*, 3, 1979, 45-48.

"Rational Expectations and the Short-Run Phillips Curves," (with J. S. Lee), *Journal of Macroeconomics*, Spring 1979, 167-190.

"Joint Estimation and Tests of Functional Form and Heteroskedasticity," (with Daniel Egy). *Journal of Econometrics*, June 1981, 299-307.

"An Econometric Model of Wastepaper Recycling in the U.S.," (with G. S. Gill). *Resources Policy*, December 1980. 320-325.

"Rational Expectations and the Short-run Phillips Curves: Reply and Further Results," *Journal of Macroeconomics*, Vol. 2, No. 2, 1980. 187-191.

"On the Estimation of Popular Price Expectations," (with R. P. H. Fishe), *Journal of Econometrics*, April 1981, 89-102.

"Government Policy Dynamics in Structural and Reduced Form Estimation," (with T. D. Osborne and Jack Gelfand). *Empirical Economics*, 1980, 205-217.

"Do Economists Know More Than Laymen? A Time Series Analysis of Experts' and Laymen's' Expectations," (with R. P. H. Fishe). *Time Series Analysis* (Eds. O. D. Anderson and M. R. Perryman). North-Holland Publishing Company, 1981.

"Exact Sampling Distribution of Omitted Variable Estimator," (with T. Kinal), *Economics Letters*, December 1981, 121-127.

"An Empirical Study on the Econometric Implications of Rational Expectations Hypothesis," *Empirical Economics*, December 1981, 111-127.

"On the Constancy of Real Interest Rates and the Mundell Effect," (with J.S. Lee). *Journal of Banking and Finance*, 1981, 557-573.

"A Time Series Analysis of Popular Expectations Data on Inflation and Interest Rates," (with G. S. Maddala and R. P. H. Fishe). *Applied Time Series Analysis of Economic Data*. (Ed. A. Zellner). US Bureau of Census, 1984, 278-289. (Followed by discussions by Sandy Grossman and Peter Sconfeld).

"Specification Error Analysis with Stochastic Regressors," (with T. Kinal). *Econometrica*, July 1983, 1209-1219.

"An Econometric Study on the Dynamics of Urban Spatial Structure," (with R. Numrich). *Journal of Urban Economics*, July 1983, 55-79.

"On the Distribution Function of Alternative Model Selection Procedures (with T. Kinal), *Economics Letters*, 1984. 97-101.

"Testing Rational Expectations Hypothesis in a Secondary Materials Market." (with C. Kinkley). *Journal of Environmental Economics and Management*, 1983, 282-291.

"Estimated Income and Price Elasticities of Demand for Hospital Care Free of Quality Bias" (with S. Atri). *Economics Letters*, 1984. 387-392.

"A Note on Selection of Regressors," (with T. Kinal). *International Economic Review*, 1984, 625-629.

"On the Variability of Real Interest Rates, Business Cycles and the Livingston Data" (with M. Zaporowski). *Journal of Banking and Finance*, 1984. 483-490.

"On the Normality of Probability Distributions of Inflation and GNP Forecasts," (with C. Teigland), *International Journal of Forecasting*, 1986, No. 3, 269-279.

"More Flexible Use of Survey Data on Expectations in Macroeconomic Models," (with M. Zaporowski). *Journal of Business and Economic Statistics*, 1987 (January), 69-76.

"Equality of the Real Interest Rates: Dollar/Deutsche Mark, 1975-85. Invited paper, *Proceeding of the ASA Meetings* (Business and Economic Statistics), 1986, 92-95.

"Quality Change and the Demand for Hospital Care: An Econometric Re-examination" *Atlantic Economic Journal* (with S. Atri), December 1986, 15-23.

"Inflation Uncertainty and Interest Rates," (with C. Teigland and M. Zaporowski). Invited paper, *American Statistical Association Proceedings of the Business and Economic Statistics Section*, 1987, 431-435.

"A Model for Ex Ante Real Interest Rate and Derived Inflation Forecasts," (with T. Kinal). *Journal of the American Statistical Association*, September 1988, 665-673.

"Interest Rates and the Subjective Probability Distribution of Price Forecasts", (with C. Teigland and M. Zaporowski). *Journal of Money, Credit and Banking*, May 1988, 233-247.

"A Comparison of Alternative Real Rate Estimates," (with M. Zaporowski). *Oxford Bulletin of Economics and Statistics*, August 1988, pp. 303-312.

"On the Estimation and Interpretation of Urban Density Gradients" (with R. H. Lankford and R. Numrich), *Journal of Business and Economic Statistics*, April 1989, pp. 227-235.

"Tests for Unbiasedness in the Long-run Using Survey Data" (with T. S. Chun), *International*

Economic Journal, Summer 1989, pp.27-42.

"Introduction" (with G.H. Moore), Chapter 1 in *Leading Indicators: New Approaches and Forecasting Records* (eds. K. Lahiri and G. Moore). Cambridge Univ. Press, 1990, pp. 1-12.

"A Leading Indicator of Inflation Based on Interest Rates," (with S. Dasgupta), in *Leading Indicators: New Approaches and Forecasting Records* (eds. K. Lahiri and G. Moore). Cambridge Univ. Press, 1990, pp. 339-353.

"A Macroeconometric Model for Developing Countries" (with N. Hague and P. Montiel) *IMF Staff Papers*, Vol. 37, September 1990, pp. 537-559.

"A Computational Algorithm for Multiple Equation Models with Panel Data" (with T. Kinal). *Economic Letters*, October 1990, 143-146.

"A Panel Data Analysis of Productive Efficiency in Freestanding Health Clinics" (with S. C. Johnson). *Empirical Economics* (Special issue on Panel Data). January 1992, pp. 141-151. Reprinted in *Panel Data Analysis* (eds. B. Raj and B. Baltagi), Physica-Verlag, 1992.

"Efficient Estimation of Triangular Structural Models with Panel Data (with T. Kinal). *Journal of Quantitative Economics*, July 1991, 265-271. (Special issue in honor of Professor C. R. Rao).

"A Comparative Study of Alternative Methods of Quantifying Qualitative Survey Responses Using NAPM Data," (with S. Dasgupta), *Journal of Business and Economic Statistics*, October 1992.

"Panel Data Models with Rational Expectations" in *Econometrics, Handbook of Statistics*, Vol. 11 (eds. G. S. Maddala, C. R. Rao and H. D. Vinod). Ch.26, 721-737. North-Holland, (1993).

"Estimation of Simultaneous Equations Models with Error Components with an Application to a Model of Developing Country Foreign Trade" (with T. Kinal). *Journal of Applied Econometrics*, March 1993, 81-92.

"On the Use of Dispersion Measures from NAPM Surveys in Business Cycle Forecasting" (with S. DasGupta). *Journal of Forecasting*, 1993, 239-253.

"Estimation of a Macroeconomic Model with Rational Expectations and Capital Controls for Developing Countries" (with N. Hague and P. Montiel). *Journal of Development Economics*, December 1993, 337-356. Reprinted in *Macroeconomic Models for Adjustment in Developing Countries*. (Eds. M. S Khan, P. J. Montiel and N. U. Haque). Publisher: International Monetary Fund, 1991. Washington, D.C., U.S.A.

"Predicting Cyclical Turning Points with Leading Index in a Markov Switching Model" (with

Jiazhuo Wang). *Journal of Forecasting*, 1994, 245-263.

"Socioeconomic Factors and the Odds of Vaginal Birth after Cesarean Section" (with Dale King). *JAMA-The Journal of the American Medical Association*, August 1994, 524-529.

"A Framework for Analyzing Survey Forecasts Using Three-Dimensional Panel Data" (with Anthony Davies). *Journal of Econometrics*, 1995, pp. 205-227.

"Zinsdifferenzen als neue Frühindikatoren - Theorie und Evidenz" in *Konjunktur - Indikatoren: Fakten, Analysen, Verwendung* (Ed. K. H. Oppenländer), Oldenbourg Verlag, 1995, 216-232.

"Testing for Cointegration: Power Versus Frequency of Observation - Another View" (with Nlandu Mamingi). *Economics Letters*, 1995, pp. 121-125.

"Risk comparisons Among Restricted Least Squares, Pre-Test and OLS Estimators Under Model Mis-Specification: Omission of Stochastic Regressors" (With M. Paul). *Quantitative Economics-Theory and Practice* (Essays in Honor of N. Bhattacharya), Eds. S. R. Chakravarty *et al.* Allied Publishers, New Delhi.1998. pp. 269-302.

"Granger Causality and Misspecified Vector Autoregressions" (with Nlandu Mamingi). *Economic Theory, Trade and Quantitative Economics: Essays in Honor of Professor P. N. Roy* (Eds. A. Banerjee and B. Chatterjee), Calcutta University Press, 1996, pp. 315-329.

"Interest Rate Spreads as Predictors of Business Cycles" in *Statistical Methods in Finance: Handbook of Statistics* Vol. 14 (Eds. G.S. Maddala and C.R.Rao), North Holland, 1996, pp.297-315.

"Modeling SSA's Sequential Disability Determination Process Using Matched SIPP Data" (with D.R. Vaughan and B. Wixon). *Social Security Bulletin*, Vol. 58, Winter 1995, pp. 3-42.

"Editorial" (with L.-E. Oller and P. Hackl), *International Journal of Forecasting*, 1996, vol. 12, 325-326.

"Relative Performance of Pre-Test Estimators in the Presence of a Unit Root" (with M. Paul), *Proceedings of the Section on Bayesian Statistical Science, Annual Meeting of the American Statistical Association*, 1996, pp. 238-243.

"A Time Series and Cross Sectional Analysis of Consumer Sentiment and Its Components" (with Detelina Ivanova), In *Social Structural Change - Consequences for Business Cycle Surveys*, (Eds. K. H. Oppenländer and G. Poser), Aldershot: Ashgate Publishing, England, 1998, 337-362.

"Re-examining the Rational Expectations Hypothesis Using Panel Data on Multiperiod Forecasts" (with A. Davies), *Analysis of Panels and Limited Dependent Variable Models*, (Eds.

C. Hsiao, K. Lahiri, L-F Lee, and H.M. Pesaran), Cambridge Univ. Press, 1999, 226-254.

"Testing for Normality in a Probit Model with Double Selectivity" (with Jae Song), *Economics Letters*, October 1999, 33-39.

"Interest Rate Spreads as Predictors of German Inflation and Business Cycle" (with D. Ivanova and F. Seitz), *International Journal of Forecasting*, 2000, 39-58.

"MCMC Algorithms for Two Recent Bayesian Procedures for Limited Information Simultaneous Equations Models" (with C. Gao), *Economics Letters* 66, 2000, 121-126.

"The ET Interview: Professor G.S. Maddala", *Econometric Theory*, October 1999, 753-776.

"Further Consequences of Viewing LIML as an Iterated Aitken Estimator", (with C. Gao), *Journal of Econometrics*, 2000, 98(2):187-202.

"Degeneration of Feasible GLS to 2SLS in a Limited Information Simultaneous Equations Model" (with C. Gao). *Econometric Theory*; Problem 00.2.1, Vol. 16.2, 2000. p. 287: Solution in Vol. 17.2, 2001, p. 484.

"The Effect of Smoking on Health Using Sequential Self-Selection Model", (with Jae Song). *Health Economics*, 2000, 491-511. Reprinted in *Econometric Analysis of Health Data* (eds. A. Jones and O. O'Donnell, Chapter 4, pp. 51-69, John Wiley and Sons, Chichester, UK.

"Introduction" (with K. Holden and P.A. Klein), *International Journal of Forecasting*, Vol. 17, 2001, 329-332.

"A Structural Model of Social Security's Disability Determination Process", with J. Hu, D. R. Vaughan and B. Wixon), ORES Working Paper Series, Number 72, Social Security Administration, August 1997. *Review of Economics and Statistics*, (May 2001), 348-361.

"When Should We Care About Consumer Sentiment? Evidence from Linear and Markov-Switching Models" (with D. Ivanova), *Indian Economic Review*, Special Issue on Business Cycles, Jan.-June 2001, XXXVI, No. 1, 153-169. Reprinted in *Business Cycles and Economic Growth – An Analysis Using Leading Indicators*, Ed. P. Dua), Oxford.

"A Note on the Double k-Class Estimator in Simultaneous Equations" (with C. Gao), *Journal of Econometrics*, May 2001, Vol. 108 (1), 101-111.

"A Bayesian Analysis of Nested Logit Model by Markov Chain Monte Carlo" (with Jian Gao), *Journal of Econometrics*, November 2002, Vol. 111, No 1, 103-133.

"Monthly Output Index for the U.S. Transportation Sector", (with H. Stekler, P. Young and W. Yao), *Journal of Transportation and Statistics*, Vol. 6 (2/3), 2003, 1-41.

- "An Econometric Analysis of Veterans' Health Care Utilization Using Two Part Models", (with G. Xing). *Empirical Economics*. Vol. 29, 431-449, 2004
- "The Predictive Power of an Experimental Transportation Output Index," (with W. Yao), *Applied Economic Letters*, Vol. 11, 3, 2004, 149-152.
- "Transportation Sector and the Aggregate Economy: Their Linkages at the Business Cycle Frequencies", (with W. Yao), *Transportation Research Record*, National Academies, 103-111, 2004.
- "A Dynamic Factor Model of the Coincident Indicators for the U.S. Transportation Sector," *Applied Economics Letters*, (with V. Yao), 11, 595-600, 2004.
- "An Econometric Framework for Analyzing GDP Forecasts of India and its Major Trading Partners", *Reserve Bank of India Macroeconomics Annual*, 2004 (ed. S. Margit). 90-112, 2004.
- "Modeling Medicare-Eligible Veterans' Demand for Outpatient Services: A Two-Stage Approach" (with G. Xing). *Health Services and Outcomes Research Methodology*, 4, 221- 240, 2004.
- "ARCH Models for Multi-Period Forecast Uncertainty: A Reality Check Using a Panel of Density Forecasts", (with Fushang Liu). *Advances in Econometrics, Volume 20: Econometric Analysis of Economic and Financial Time Series*, Eds: T. Fomby and D. Terrell (2005), 321-363.
- "How Quickly Do Forecasters Incorporate News? Evidence from Cross-country Surveys", (with G. Isikler and P. Loungani), *Journal of Applied Econometrics*, 21, 2006, 703-725.
- "Modeling Multi-Period Inflation Uncertainty Using a Panel of Density Forecasts" (with F. Liu), *Journal of Applied Econometrics*, 21, 2006, 1199-1220.
- "Subjective Probability Forecasts for Recessions: Evaluation and Guidelines for Use", (with George Wang), *Business Economics*, April 2006, 26-35.
- "Prequential Test for the Validity of Subjective Probability Forecasts of GDP Declines" (with George Wang), *Forecasting Letters* 1, 2006.
- "The Value of Probability Forecasts as Predictors of Cyclical Downturns", (with J. Wang), *Applied Economics Letters*, 14, 2007, 11-14.
- "Economic Indicators for the U.S. Transportation Sector" (with Vincent Yao), *Transportation Research – A*, 40, 2006, 872-887.
- "How Far Ahead Can We Forecast? Evidence from Cross-Country Surveys" (with G. Isiklar), *International Journal of Forecasting*, 23, 2007, 167-187.

Awarded best IJF paper during 2006-2007.

"Maddala, G.S. (1933–1999)." *The New Palgrave Dictionary of Economics*. Second Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan, 2008.

"Income Related Health Disparity and Its Determinants in New York State: Racial/Ethnic and Geographical Comparisons" (with Z. Pulungan). In *Toward Equity in Health: A New Global Approach to Inequities in Health*, (Ed. Barbara Wallace), Springer, 2007, pp. 97-127.

"Evolution of Forecast Disagreement in a Bayesian Learning Model", (with X. Sheng), *Journal of Econometrics*, 144, 2008, 325-340.

"A Model of Social Security Disability Insurance Using Matched SIPP/Administrative Data", (with J. Song and B. Wixon), *Journal of Econometrics*, 145, 2008, 4-20.

"On the Use of Density Forecasts to Identify Asymmetry in Forecasters' Loss Functions", (with F. Liu). *Proceedings of the Joint Statistical Meetings, Business and Economic Statistics*, 2009, 2396-2408.

"Estimating International Transmission of Shocks Using GDP Forecasts: India and Its Trading Partners", (with G. Isiklar). *Development Macroeconomics, Essays in Memory of Anita Ghatak* (Eds. S. Ghatak and P. Levine), Routledge, 2009, 123-162.

"Comment on Forecasting Economic and Financial Variables with Global VARs" by M. Hashem Pesaran, T. Schuermann and L. V. Smith. *International Journal of Forecasting*, Vol. 25, Issue 4, October-December 2009, 689-692.

"Editorial: Applied Bayesian Forecasting in Economics" (with G. Martin), *International Journal of Forecasting Special Issue*, Vol. 26, No. 2, 2010, 211-213.

"Learning and Heterogeneity in GDP and Inflation Forecasts" (with X. Sheng). *International Journal of Forecasting* (special issue on Bayesian Forecasting in Economics), 26, 2010, 265–292.

"An Assessment of Growth Forecasts for India", (with P. Loungani), *Economic and Political Weekly*, Vol. XLV, no 3, January 16, 2010, 61-65.

"Measuring Forecast Uncertainty by Disagreement: The Missing Link", *Journal of Applied Econometrics*, 2010, 25: 514–538.

"On Estimating the Failure Probability of Hedge Funds", (with H. Shawky and W. Zhao). In *Research in Finance*, Vol. 27, (ed. J.W. Kensinger). Emerald Books. 2011, 85-119.

"Analyzing Three-Dimensional Panel Data of Forecasts", (with A. Davies and X. Sheng). Chapter 17 in *Oxford Handbook of Economic Forecasting*, eds. M.P. Clements and D.F. Hendry, 2011.

Oxford University Press, 473-495.

“Limits to Economic Forecasting”, Chapter 3 in *Advances in Economic Forecasting*, (ed. M. L. Higgins) W.E. Upjohn Institute for Employment Research, Kalamazoo, MI., 2011, 25-49.

“Editorial”, (with E. G. Tsionas and W. Greene), Special issue on Advances in Applied Econometrics, *Journal of Probability and Statistics*, 2011.

“Comment” on Forecast Rationality Tests based on Multi-Horizon Bounds by A. Patton and A. Timmermann, *Journal of Business and Economic Statistics*, 30 (1), 2012, 20-25.

“Racial/Ethnic and Education-Related Disparities in Control of Risk Factors for Cardiovascular Disease among Individuals with Diabetes” (with P. Chatterji and H. Joo), *Diabetes Care*, 35 (1), 2012, 305-312.

“Should Transportation Output Be Included as Part of the Coincident Indicators System?”(with W. Yao), OECD Journal: *Journal of Business Cycle Analysis and Measurement*, 2012/1, 1-24.

“Nowcasting US GDP: The role of ISM Business Surveys” (with G. Monokroussos), *International Journal of Forecasting*, Special issue on Flash Indicators, 29 (4), 2013, 644–658.

“The dynamics of income-related health inequality among American children”, (with P. Chatterji and J. Song), *Health Economics*, 22 (5), May 2013, 623-629.

“Beware of being unaware: Racial/ethnic disparities in chronic illness in the U.S.” (with P. Chatterji and H.S. Joo), *Health Economics*. 2012 (Vol. 21), 1040-1060.

“Evaluating probability forecasts for GDP declines using alternative methodologies”, (with J. G Wang), *International Journal of Forecasting*, 2013, 29(1), 175-190.

“The yield spread puzzle and the information content of SPF forecasts”, (with G. Monokroussos and Y. Zhao). 2013, *Economics Letters* 18(1), 219-221.

“Forecasting Binary Outcomes” (with Liu Yang), *Handbook of Economic Forecasting*, Vol. 2 (Eds. G. Elliott and A. Timmermann), 2013, pp. 1025-1106.

“Modeling Hedge Fund Returns: Selection, Non-linearity and Managerial Efficiency”, (with H. Shawky and Y. Zhao), *Managerial and Decision Economics*, special issue on Entrepreneurship, Innovation and Growth, 35: 2014, 172-187.

“Identifying the Mechanisms for Workplace Burden of Psychiatric Illness” (with S. Banerjee and P. Chatterji). *Medical Care*, 2013, 52 (2), pp. 112-120.

“Birthweight and Academic Achievement in Childhood”, (with P. Chatterji, and D. Kim), *Health Economics*, 23 (9), 1013-1035, 2014.

"Fetal Growth and Neurobehavioral Outcomes in Childhood" (with P. Chatterji and D. Kim), *Economics and Human Biology*, Vol. 15, December 2014, 187-200.

"Quantifying Survey Expectations: A Critical Review and Generalization of the Carlson-Parkin Method, (with Y. Zhao), *International Journal of Forecasting*, 2015, 31, 51-62.

“Testing the Value of Probability Forecasts for Calibrated Combining”, (with H. Peng and Y. Zhao). *International Journal of Forecasting*, 31 (1) 2015, 113-129. (PMCID: PMC4267129)

“Editorial: Global Economic Linkages and Corporate Earnings”, (with J. Guerard), *International Journal of Forecasting*, 31, (2), 2015, 392–398.

“Further Analysis of The Conference Board’s New Leading Economic Index” (with Y. Liu). *International Journal of Forecasting*, 31 (2), 2015, 446–453.

“Examining the Education Gradient in Chronic Illness” (with P. Chatterji and H. S. Joo), *Education Economics*, 23 (6), 2015, 735-750.

“A Non-linear Forecast Combination Procedure for Binary Outcomes” (with Yang Liu), *Studies in Nonlinear Dynamics and Econometrics*, Special issue in Honor of James Ramsey. Vol. 20 (1), 2016, 421- 440.

“On-line Learning and Forecast Combination in Unbalanced Panels” (with H. Peng and Y. Zhao), *Econometric Reviews*. Special issue in Honor of Peter Schmidt. Vol. 36, Issues1-3, 2017, 257-288.

“Forecasting Consumption: The Role of Consumer Confidence in Real Time with Many Predictors” (with G. Monokroussos and Y. Zhao), *Journal of Applied Econometrics*, Vol.31 (Nov/Dec), Issue 7, 2017, 1254–1275.

“Asymptotic Variance of Brier (Skill) Score in the Presence of Serial Correlation” (with L. Yang). *Economics Letters*. Vol. 141, April 2016, 125-129.

“Effects of Psychiatric Disorders on Labor Market Outcomes: A Latent Variable Approach Using Multiple Clinical Indicators” (with S. Banerjee and P. Chatterji). *Health Economics*, Vol. 26 (2), Feb. 2017, 184-205.

“Determinants of Consumer Sentiment Over Business Cycles: Evidence from the US Surveys of Consumers” (with Y. Zhao), *Journal of Business Cycle Research*, Vol. 12 (2), Dec. 2016, 187-215.

“Diabetes and Labor Market Exits: Evidence from the Health & Retirement Study (HRS)”, (with P. Chatterji and H.S. Joo), *Journal of the Economics of Ageing*, Vol. 9, 2017, 100–110.

“Confidence Bands for ROC Curves with Serially Dependent Data” (with L. Yang), *Journal of Business and Economic Statistics*, 2018, 36:1, 115-130.

“International propagation of shocks: A dynamic factor model using survey forecasts” (with Y. Zhao), *International Journal of Forecasting*, 35 (2019) 929–947.

“Inflation expectations in India: Learning from household tendency surveys” (with A. Das and Y. Zhao), *International Journal of Forecasting*, 35 (3), July–September 2019, 980-993.

“Estimating Macroeconomic Uncertainty and Discord using Info-Metrics” (with W. Wang). In (A. Golan et al. Eds.) *Innovations in Info-metrics: A Cross-disciplinary perspective on Information and Information processing*, Oxford University Press, 2019 forthcoming.

“A Comparison of Some Bayesian and Classical Procedures for Simultaneous Equation Models with Weak Instruments” (with C. Gao), *Econometrics* **2019**, 7(3), 33;
<https://doi.org/10.3390/econometrics7030033> .

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BOOKS and SPECIAL VOLUMES:

Economics of Education with Reference to Size, Techniques and Location of Some West Bengal Colleges, (with A. Datta), World Press, Calcutta, 1974.

The Econometrics of Inflationary Expectations. North-Holland Publishing Company, 1981.

Leading Economic Indicators: New Approaches and Forecasting Records, (co-ed. Professor Geoffrey Moore), Cambridge University Press, January 1991. Paperback edition 1992.

Forecasting in Manufacturing Industry, Special Issue of the *International Journal of Forecasting* (Guest Co-Editor), September 1996.

Analysis of Panels and Limited Dependent Variable Models: Essays in Honor of G.S. Maddala. (Co-eds. C. Hsiao, L-F Lee and M.H. Pesaran). Cambridge Univ. Press, 1999. Reprinted, 2000.

“Reassessing Modern Business Cycles”, Special issue of *International Journal of Forecasting* (Guest Co-editor), August 2001.

Introduction to Econometrics, revised 4th edition by G.S. Maddala and K. Lahiri. Published by Wiley & Sons, October 2009.

“Bayesian Forecasting in Economics” (Special Issue of *International Journal of Forecasting* (Guest Co-Editor: Gael Martin). March 2010.

Transportation Indicators and Business Cycles, Contributions to Economic Analysis-Vol. 289, Emerald Publishers, 2010. Book review, *Business Economics*, Vol. 46, No. 4, 2011, pp. 260-261.

Guest editor (with E.G. Tsionas and W. Greene), Special issue on Advances in Applied Econometrics, *Journal of Probability and Statistics*, 2011.

Guest Co-Editor (with John Guerard), “International Financial Forecasting: Global Economic Linkages and Corporate Earnings”, Special issue of *International Journal of Forecasting*, Vol. 31, Issue 2, 2015, pp. 391-584.

BOOK REVIEWS:

Optimal Control, Expectations and Uncertainty, by Holly and A. H. Hallett. *International Journal of Forecasting*, North-Holland 1990, pp. 255-256.

Introduction to the Theory and Practice of Econometrics by George G. Judge *et al.* (2nd Ed.) Wiley and Sons, *Mathematical Reviews* 1990.

Estimation of Dynamic Econometric Models with Errors in Variables, by Jaime Terceino Lomba, Springer-Verlag (1990). *Mathematical Reviews*, 1992.

Irving Fisher - A Biography, by Robert L. Allen, Blackwell (1993). *Mathematical Reviews*, 1994.

Econometrics of Qualitative Dependent Variables, Christian Gourieroux, Cambridge, 2000. *Mathematical Reviews*, 2002.

Measurement Errors and Latent Variables in Econometrics, T. Wansbeek and E. Meijer. Elsevier, 2000. *Mathematical Reviews*, 2002.

Nonstationary Panels, Panel Cointegration, and Dynamic Panels, Ed., B.D. Baltagi, JAI 2000. *Mathematical Reviews*, 2002.

Analysis of Panel Data, 2nd edition by Cheng Hsiao, Cambridge University Press. *The American Journal of Agricultural Economics*, 1093-1109, 2005.

Business and Economic Forecasting: Analyzing and Interpreting Econometric Results, A. I. Silvia, et al. (2014). *International Econometric Review*, 8(1), 1-3, April 2016.

EDITORIAL AFFILIATIONS:

Associate Editor, *Journal of Econometrics*, 1989 - 2015.

Associate Editor, *International Journal of Forecasting*, 1994 -.

Member, Editorial Board, *Journal of Quantitative Economics*, 2017 -.

Member, Editorial Board, *Empirical Economics*, 2000 -.

Member, Editorial Board, *Journal of Business Cycle Measurement and Analysis*, 2004 -2016.

Member, Editorial Board, *Journal of Business Cycle Research*, 2016 -.

Member, Editorial Board, *Econometrics Open access journal*, MDPI, 2013 -.

Member, Editorial Board, *South Asian Journal of Macroeconomics and Public Finance*, 2012 -.

Member, Editorial Board (Book Reviews), *Atlantic Economic Journal*, (1981-85).

Reviewer (Editorial Board), *Mathematical Reviews*, 1981 -.

PROFESSIONAL PRESENTATIONS (since 2000):

Presented a paper at the Winter Meetings of the Econometric Society, Boston, 7-9 January 2000.

Presented a paper and chaired a session at the International Forecasting Symposium, Lisbon, June 21-24, 2000.

Presented two papers at the World Congress of the Econometric Society, Seattle, WA. August 11-16, 2000. Departmental seminars entitled “Value of Sample Separation Information in a Sequential Probit Model: Another Look at Social Security’s Disability Determination Process”, Queens University (Oct. 26, 2000); University at Maryland (Nov. 29, 2000).

Discussant of a paper by Clive Granger *et al.* at the American Economic Association Meetings, New Orleans, January 2001

Paper entitled “Bayesian Analysis of Nested Logit Models Using Markov Chain Monte Carlo” presented at the regional meeting of the International Society for Bayesian Analysis (ISBA), Laguna Beach, April 2001. Also presented at the Summer Meetings of the Econometric Society, University of Maryland, College Park, June 2001.

Participated in the 10th European Workshop on Health Economics and Econometrics, Institute of Fiscal Studies, September 2001.

“A Structural Model of Social Security Disability Insurance Using Matched SIPP/Administrative Data”, Paper presented at the 1st International Conference on Social Insurance and Pensions Research, University of Aarhus, Denmark, November 16-18, 2001.

Guest Lecturer on Econometrics, Econometric Society Winter School, Delhi School of

Economics, Dec. 28, 2001 – Jan. 5, 2002.

“Testing for Forecast Efficiency Using Cross-Country Data”, paper presented at the 22nd. International Forecasting Symposium, Dublin, Ireland, June 22-26, 2002.

Disability and Transportation, Round Table Discussion, Joint Statistical Meetings, New York City, August 11-15, 2002.

Discussant, 11th European Workshop on Econometrics and Health Economics, University of Lund, Sweden. September 12-14, 2002.

Seminar at Reserve Bank of India, Research Department, Mumbai, December 30, 2002.

Paper presented at the International Bayesian Workshop/Conference, January 6-8, 2003. Indian Statistical Institute, Kolkata, India.

Seminar, Department of Economics, Syracuse University, February 21, 2003.

Five lectures on health econometrics and disability, March 4-14, 2003, Hosei School of Economics, Tokyo, Japan.

Interview with Business School Dean Richard Highfield on TV Channel 6, WRGB in the weekly program “Business Matters” regarding the Establishment Surveys conducted by Econometric Research Institute at UAlbany, March 16, 2003.

Presented paper at the 23rd Intl. Symposium of Forecasting, Merida, Mexico, June 15-18, 2003.

Invited Lecture at the NY Department of Transportation, “Predicting the Future of the Economy using Transportation Data”, March 22, 2004.

Delivered the Gosnell Lecture “Recent Challenges to America’s Disability Policies” at Rochester Institute of Technology, Rochester, New York. April 21, 2004.

Presented a paper and chaired a session at the 13th International Panel Data Conference, College Station, TX. June 4-6, 2004.

Presented papers at the 24th International Forecasting Symposium, Sydney, Australia, 4-7, 2004.

Presented a paper at the Australasian Meeting of the Econometric Society, Melbourne, Australia. July 7-10, 2004.

“Should the Transportation Output Be Part of the Coincident Indicator System?” Paper to be presented at the 27th CIRET conference, Warsaw (Poland), September 14-18, 2004.

Invited talk on “Measuring uncertainty in forecasting” at the 3rd Annual Advances in Econometrics Conference in honor of 2004 Economics Nobel Laureates Rob Engle and Clive Granger, Nov. 5-7, 2004. LSU, Baton Rouge.

Invited talk on Transportation Indicators at the Economics Club, SUNY-Oneonta, Fall 2004.

Seminar on U.S. Social Security Disability Programs, Andrew Young School of Public Affairs, GSU, Atlanta, October 20, 2004.

Invited lecture, International Conference on “Future of Statistical Theory, Practice and Education”, Dec. 29-Jan. 1, 2005; Indian School of Business, Hyderabad, India.

Invited Lecture at the NY Department of Transportation, “Predicting the Future of the Economy using Transportation Data”, March 22, 2004.

Delivered the Gosnell Lecture “Recent Challenges to America’s Disability Policies” at Rochester Institute of Technology, Rochester, New York. April 21, 2004.

Presented a paper and chaired a session at the 13th International Panel Data Conference, College Station, TX. June 4-6, 2004.

Presented papers at the 24th International Forecasting Symposium, Sydney, Australia, 4-7, 2004.

Presented a paper at the Australasian Meeting of the Econometric Society, Melbourne, Australia. July 7-10, 2004.

“Should the Transportation Output Be Part of the Coincident Indicator System?” Paper presented at the 27th CIRET conference, Warsaw (Poland), September 14-18, 2004.

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Invited talk on Transportation Indicators at the Economics Club, SUNY-Oneonta, Fall 2004.

Seminar on U.S. Social Security Disability Programs, Andrew Young School of Public Affairs, GSU, Atlanta, October 20, 2004.

Invited lecture, International Conference on “Future of Statistical Theory, Practice and Education”, Dec. 29-Jan. 1, 2005; Indian School of Business, Hyderabad, India.

Chair, Session on forecasting, World Congress of the Econometric Society, London. August 2005.

Invited speaker, Future of Forecasting, University of Leipzig, Leipzig, December 10-14, 2005

Expert testimony, Committee on Energy and Consumers' Affairs and Protection, New York State Assembly, August 2005.

Invited speaker, 1st Minority Health Disparity Conference, Columbia University, March 10-11, 2006

Seminar speaker, Measurement of health disparity in New York, Syracuse University Center for Policy Analysis, Maxwell School, March 31, 2006.

Seminar speaker, "How Far Ahead Can We Forecast? Evidence Based on Cross Country Forecasts". University of California at Riverside, April 12, 2006.

Month long lecture tour to China, July 2006 (Far Eastern Meeting of the Econometric Society, Beijing, and Summer School on Econometrics, Xiamen University).

Visiting Scholar, City University of Hong Kong, July 26-30, 2006.

Paper presented at NIH Conference on Health Disparity, Washington D.C. October 23-24, 2006,

Paper presented at the 28th International Symposium on Forecasting, Nice, June 24-27, 2008.

Paper presented at a seminar at KOF Swiss Economic Institute, ETH, Zurich July 9, 2008.

Paper presented at a seminar in the Research Department of *Magyar Nemzeti Bank - The Central Bank of Hungary*, Budapest, July 16, 2008.

Paper presented at 29th CIRET Conference, Santiago, Chile, October 8-11, 2008.

Lectures on Frontiers of Panel Data Econometrics, PhD students of four mid-German Universities, Leipzig/Halle, December 1-3, 2008.

Presented seminars at Madras School of Economics, Center for Development Economics, Trivanvam, Indian Institute of Management, Bangalore and Indian Statistical Institute, Kolkata during January 2009.

"Evaluating Probability Forecasts", paper to be presented at the First Macroeconomic Conference, ifo/INSEE/ISAE, Rome, March 27, 2009.

"Measuring Forecast Uncertainty by Disagreement", paper presented at conference "Forecasting and Monetary Policy" on 23 -24, March 2009 at Bundesbank, Berlin.

Paper presented at the 27th International Symposium on Forecasting, Hong Kong, June 21-24

2009.

Delivered 2009-10 Sichel Lecture on "Advances in Economic Forecasting", Western Michigan University, September 30, 2009.

Paper presented in a seminar at Ohio State University, Economics department, November 24, 2009.

Delivered ten lectures on panel data econometrics and qualitative dependent variables to selected doctoral students in a workshop "Research Methods in Quantitative Economics" at the Center for Studies in Social Sciences, Kolkata, Dec 18, 2009-Jan 7, 2010.

Presented a paper at a conference on "Issues on Globalization and Sustainability" at University of Calcutta, December 23, 2009.

Presented a paper at an international conference to celebrate the 90th birthday of Dr. C.R. Rao, Indian Statistical Institute, January 10-11, 2010.

Presented a paper at a workshop to honor Sir Clive Granger, Economic Research Unit, Indian Statistical Institute, January 12, 2010.

Presented a paper and a discussant at CES-ifo Area Conference on Macro, Money & International Finance, Munich, 26 - 27 February 2010.

Discussant at the 6th Workshop on Forecasting Techniques: Forecasting, Real time and Survey Data, European Central Bank, Frankfurt, March 5-6, 2010.

Guest Lecturer, Summer Workshop on "Expectations and Expectation Formation in Financial Markets", ZEW: Centre Economic Research in Mannheim, Germany. June 14-17, 2010.

Presented a paper at the 30th International Symposium on Forecasting (San Diego), June 20-23, 2010.

Presented two papers at the 15th African Econometric Association Meeting, Cairo, Egypt, July 7-9, 2010.

Presented a paper at the 10th Econometric Society World Congress, Shanghai, August 17-21.

Presented a paper at the 6th Eurostat Colloquium on Modern Tools for Business Cycle Analysis, 26-29 September 2010, Luxembourg.

Presented an invited paper at the Third International Seminar on Early Warning and Business Cycle Indicators, Moscow, Russia 17-19 November 2010.

Chair of a session “Monetary Policy and the Term Structure of Forecasts,” American Economic Association Annual Meetings, Denver, Jan. 6-9, 2011.

Invited discussant, Journal of Business and Economic Statistics Invited Paper: Forecast Rationality Tests Based on Multi-Horizon Bounds, Econometric Society Meetings, Denver, Jan. 6-9, 2011.

Invited paper, 7th International Institute of Forecasters’ Workshop on Flash Indicators, Verbier (Switzerland), Jan. 21-22, 2011.

Invited discussant, Seventh ECB Workshop on Forecasting Techniques: New directions for forecasting, Frankfurt am Main, May 4-5, 2012

Keynote speaker, ZEW Conference "The Role of Expectations in Financial Markets", Mannheim/Germany on May 10-11, 2012.

Invited discussant, Deutsche Bundesbank – ifo Institute workshop on “Uncertainty and Forecasting in Macroeconomics”, June 1-2, 2012, Eltville am Rhein, Germany.

Invited paper “The Impact of Reporting Bias on the Measurement of Socioeconomic Health Inequalities in the U.S.” (with P. Noroski). The Royal Statistical Society: 2012 International Conference, Telford, UK, 3-6 September, 2012.

Discussant, 2012 Annual Health Econometrics Workshop (AHEW) 2012 Annual Health Econometrics Workshop (AHEW), Roosevelt Institute, Hunter College, New York, Sept 27-29, 2012.

Bank of France Conference on Global Spillovers, May 29-30, 2013.

Participant, 33rd International Symposium on Forecasting, Seoul, Korea, June 23-26, 2013.

Seminar at Hosei University Graduate school, Tokyo, June 27, 2013.

Seminar presented at Institute for Monetary and Economic Studies of the Bank of Japan, June 28, 2013 .

Presented a paper in the 9th Annual CIRANO-CIREQ Workshop on Data Revision in Macroeconomic Forecasting and Policy, Montreal October 11-12, 2013.

Invited Discussant, 8th Workshop on Forecasting Techniques, June 13-14, 2014. European Central Bank, Frankfurt, Germany.

Presented a paper at the 1st International Conference on Applied Econometrics, Queens Mary College, London, June 26-28, 2014. London.

Presented a paper and Chaired a session at the 34th International Symposium on Forecasting, Rotterdam. June 29-July 2, 2014.

Presented a paper at the 1st conference of the Society for Economic Measurement, University of Chicago, August 18-20, 2014.

Invited Discussant, 2014 Conference Real-Time Data Analysis, Methods, and Applications (October 10-11, 2014) - Philadelphia Federal Reserve Bank, October 10-11, 2014.

Invited Discussant, Recent Innovations in Info-Metrics Friday-Saturday, October 31 and November 1, 2014 at American University.

Invited paper presented at the XXIVth Annual Conference on Contemporary Issues in Development Economics, Organized by the Department of Economics, Jadavpur University, Kolkata. Dec 20-21, 2014.

Presented a seminar at the Bank of Canada, Ottawa, May 21, 2015.

Presented a paper at the World Congress of the Econometric Society, Montreal. August 2015.

Presented a seminar at Lubar School of Business, University of Madison, Milwaukee, Oct 16, 2015.

Conducted a 3 – day workshop to PhD students/faculty on Binary Prediction Models at Centre for Training and Research in Public Finance and Public Policy (CTRPFP), CSSSC, Kolkata, Jan 2016.

Presented a paper "ROC Curve, Forecast Combination and Prediction of Rare Events" at Indian Statistical Institute, Kolkata, Jan 19, 2016 and spent a week as a Visiting Professor at the Economic Research Unit.

Presented a paper at the Econometric Society Meetings, ASSA, San Francisco, January 2-5, 2016.

Keynote address, New York Camp Econometrics XI, The 1000 Islands Harbor Hotel, Clayton, NY, April 8-10, 2016

Presented a paper at the International Symposium on Forecasting, Santander, Spain, June 19-22, 2016.

Presented a paper at the 3rd Conference of the International Applied Econometrics Association, Milan, July 2016.

Presented a paper at 2016 Africa Meeting of the Econometric Society, Hotel Kruger Gate, Mpumalanga, South Africa, 25-28 July.

Presented a paper at the 33rd CIRET conference, Statistik Denmark, Copenhagen, Sept 14-17, 2016.

Presented a paper at the 4th Conference of the International Association of Applied Econometrics, Sapporo, Japan, June 26-30, 2017.

Invited talk at School of Economics, Riemen University, Beijing, July 4, 2017.

Summer school lectures at Xiamen and Northeastern Universities, July 5-11 2017.

Invited paper presented at New Frontiers in Econometrics, Sponsored by Department of Economics at UCONN, June 15-17, 2018.

Chaired a session and presented a paper at the 38th International Forecasting Symposium, Boulder, Colorado, June 16-20, 2018.

Chaired a session and presented a paper at the Conference of the International Association of Applied Econometrics, Montreal, June 26-29. 2018.

Seminar, Presidency University, Kolkata, December 26, 2018.

Seminar, University of Illinois Urbana-Champaign, March 1, 2019.

The 27th. Annual Conference of SNDE Dallas, TX March 28-29, 2019

Paper presented at the International Symposium on Forecasting, Thessaloniki, Greece, June 15-19, 2019.

Paper presented at the Conference of the International Association of Applied Econometrics, Nicosia, June 25-28, 2019.

Seminar presentation at Binghamton University, SUNY, Sept. 6, 2019.

Seminar presentation at Michigan State University, East Lansing, Oct 4, 2019

RESEARCH PROGRAM ON THE NEW YORK STATE ECONOMY AND BUSINESS FORECASTING

In a research project sponsored by the New York State Division of Budget since 2000, as the Director of Econometric Research Institute, I designed and developed the following two surveys:

New York Consensus Economic Forecasts (NYCEF): Quarterly Blue Chip type survey of 20-30 experts on the New York State economy for annual forecasts of personal income, wages and bonuses, prices, employment, recession probability, and other macroeconomic indicators of the New York state. Reports have been issued every quarter during January 2001 –January 2006. See <http://www.albany.edu/%7Enysurvey/Forecasts/NYCEF.htm>.

New State Establishment Survey (NYES): Biannual survey of nearly 40, 000 New York State business establishments for their forecasts of employment, wages & salaries, profits, prices of finished good & raw materials, business conditions, and other vital indicators of the individual firms Reports have been issued since April 2001, disaggregated by regions and industry groups. See <http://www.albany.edu/~nysurvey/ES/es.htm>.

SUPERVISION OF STUDENT RESEARCH:

Principal advisor of over sixty M.A. and doctoral dissertations, in addition to being a member of a number of doctoral and M.A. committees.

Member of the Board of External Examiners to review Ph.D. dissertations: Carleton University-Canada, Australian National University; University of Calcutta; Rutgers University, Jadavpore University; Dalhousie University, Canada; University of Oulu, Finland; Singapore National University; Vidyasagar University, India, etc.

Three supervised undergraduate research papers have been awarded President's Distinguished Undergraduate Research Awards, 1983, 1998, and 2003. Also, during summer 2003 I mentored and supervised two McNair scholars for undergraduate research and presentations.

LIST OF PH.D. DISSERTATIONS WITH K. LAHIRI AS PRINCIPAL ADVISOR:

- 1) Jung Soo Lee, "Econometrics with Unobservable Variables: Four Essays in Monetary Economics", 1977.
- 2) Daniel Egy, "Non-Spherical Disturbance and Functional Form Problems in Econometric Models", 1978.
- 3) Young Lee, "Studies on the Econometric Implication of the Rational Expectations Hypothesis", (1980).
- 4) C. C. Kinkley, "Econometric Studies on Three Commodity Markets: Resources Recovery, Disequilibrium Dynamics in the Aluminum Industry and Rational/Adaptive Expectations in the Supply of Wastepaper", 1981.
Recipient of Distinguished Doctoral Dissertation Award.

- 5) Said Atri, "A Simultaneous Equation Model for the Demand for Hospital Care with

Special Reference to Quality", 1983.

- 6) Sung Whan Ju, "An Econometric Model of Congressman's Voting Behavior with Sample Selectivity", 1984.
- 7) Myung Hun Kang, "A Study in Macroeconomic Causality: Vector Auto-regressive Approach", 1984.
- 8) Mark Zaporowski, "Inflation, Expectations and the Real Interest Rate: An Econometric Analysis", 1985.
Recipient of Distinguished Doctoral Dissertation Award.
- 9) Christie Teigland, "An Econometric Analysis of ASA-NBER Data on Expectations", 1986.
Recipient of Distinguished Doctoral Dissertation Award.
- 10) Richard Numrich, "Dynamics of Urban Spatial Structure-Functional Form Analysis with Truncated Distribution", 1986.
Recipient of Distinguished Doctoral Dissertation Award.
- 11) Taeck S. Chun, "Rationality in the Long-run: Some Empirical Tests Using Survey Data", 1987
- 12) Dong S. Park, "Tests for Rationality and Asymmetric Loss Functions", 1988.
- 13) Johnson Tseng, "A Macroeconometric Model for Developing Economies with Error Components and Forward-Looking Expectations", 1989.
- 14) Jin Sakong, "A Panel Data Analysis of the Malpractice Insurance Crisis and Hospital Cost Inflation", 1989
- 15) Nita Thacker, "Risk Premia, Conditional Heteroskedasticity and Efficiency in the Forward Exchange Markets", 1990.
- 16) Yoon Chul Kim, "Exchange Rate Volatility, Uncertainty and the Stock Market", 1990.
Recipient of Distinguished Doctoral Dissertation Award.
- 17) Maria Pangilinan, "Production and Cost Inefficiency and Flexible Cost Functions: The Case of New York State Hospitals, 1981-1987," 1992.
- 18) Mei Hsiu Lin, "A Study on the Importance of Liquidity Constraints in the Life-Cycle Consumption Theory Using Household Survey Data", 1992.
Recipient of Distinguished Doctoral Dissertation Award.

- 19) Susmita Dasgupta, "Essays on the Use of Business-Survey and Expectations Data for Econometric Predictions", 1992.
Recipient of Distinguished Doctoral Dissertation Award.
- 20) Qiang Xu, "On the Estimation of Persistence in the Context of General ARFIMA Processes", 1992.
- 21) Nlandu Mamingi, "Aggregation and Tests for Unit Roots and Co-integration," 1992.
- 22) Sanjay Shah, "Analysis of Macroeconomic Shocks and Their Volatility Using Panel Data on Survey Forecasts: 1969-1991", 1993.
- 23) Jiazhuo Wang, "On the Use of Markov Regime-Switching Model in Forecasting Business Cycles", 1993.
- 24) Anthony Davies, "A New Framework for Analyzing Multi-Dimensional Panel Data of Survey Forecasts", 1994.
Recipient of Distinguished Doctoral Dissertation Award.
- 25) Dale King, "Socio-economic Factors and the Odds of a Cesarean Delivery: An Econometric Investigation", 1995.
Recipient of Distinguished Doctoral Dissertation Award.
- 26) Jianting Hu, "An Econometric Analysis of the Social Security Administration's Disability Determination Process: Evidence from the Matched 1990 SIPP Data", 1996.
- 27) Manimoy Paul, "Relative Performance of Pre-test Estimators in the Presence of Misspecification and Unit Roots", 1997.
- 28) James Jozefiwicz, "Estimating the Patent R&D Relationship with Count Panel Data", 1999.
- 29) Rita Ganguly, "An Empirical Analysis of Exchange Rates in Target Zones", 1999.
- 30) Jae G. Song, "An Econometric Study of the Effects of Smoking on Health and Longevity: The Role of Individual Risk Beliefs", 1999.
- 31) Jian Gao, "Monte Carlo Simulation Inference in Discrete Choice Models with an Application to the Co-payment Restructuring for Veterans' Health Care", 1999.
Recipient of Distinguished Doctoral Dissertation Award.
- 32) Chuanming Gao, "Estimation of Limited Information Simultaneous Models with Weak Instruments", 2000.
Recipient of Distinguished Doctoral Dissertation Award.

- 33) Detelina Ivanova, "Uncertainty, Sentiment, and Expectations: Essays in Econometric Forecasting", 2000.
- 34) Michael Collins, "An Econometric Analysis of the Labor Supply of Disabled and Aged Individuals: Evidence from the New Beneficiary Data System", 2001.
- 35) Guibo Xing, "An Econometric Analysis of Veterans' Health Care Utilization", 2002.
- 36) Wenxiong Yao, "Essays on Transportation and Business Cycles", 2004.
Recipient of Distinguished Doctoral Dissertation Award.
- 37) Jabonn Kim, "Essays on Identification and Inference in Simultaneous Equations Models with Weak Instruments", 2004
- 38) Nandini Chatterjee, "Borrowing Constraints: Analysis Based on Financial Survey of US Households", 2004.
- 39) Gultekin Isiklar, "Essays on Macroeconomic Forecasting", 2005
Recipient of Distinguished Doctoral Dissertation Award.
- 40) Fushang Liu, "Asymmetric loss and Uncertainty in Economic Prediction", 2007
- 41) Zulkarnain Pulungan, "Between- and Within-Group Health Disparities: Determinants Across Race/Ethnicity and Regions in the U.S.", 2008.
- 42) Hua Lin, "VA Medical Care and Health Disparity: An Econometric Study Based on National Survey of Veterans, 2008.
- 43) Xuguang Sheng, "Uncertainty and Disagreement in Economic Forecasting", 2009
Recipient of Distinguished Doctoral Dissertation Award.
- 44) Paul Norosky, "Self Assessed Health, Anchoring Vignettes, and Unobserved Heterogeneity in the Health and Retirement Study". 2011
Recipient of Distinguished Doctoral Dissertation Award.
- 45) Heesoo Joo, "Health Disparities among the US Elderly", 2012
Recipient of Distinguished Doctoral Dissertation Award.
- 46) Jingya Song, "The Dynamics of Health Disparities Among American Children: Socioeconomic Status, Family Environment and Intergenerational Transmission", 2012
- 47) Min Chen, "Social Interactions and Smoking", 2013

- 48) Xiaomei Li, “Local Power of panel Unit Root tests: Impact of Initial Values in finite samples”. 2014
- 49) Dohyung Kim, “Early Health and Human Capital Accumulation: An Econometric Analysis using the PSID-CDS, 1997-2007”. 2014
- 50) Yongchen Zhao, “*Essays on Forecasting with Survey Data and Many predictors*”. 2014
Recipient of Distinguished Doctoral Dissertation Award.
- 51) Souvik Banerjee, “Psychiatric Disorders and their Impact on Labor Market Outcomes: A Latent Variable Approach Using Multiple Clinical Indicators”, 2014
- 52) Liu Yang, “Forecasting Binary Outcomes: Estimation, Evaluation and Combination”, 2014
Recipient of Distinguished Doctoral Dissertation Award.
- 53) Rui Cheng, *Essays on Income Inequality, Minority Health and Healthcare Spending*, 2015.
- 54) Cong Yu, “Odds of Cesarean Section, Childbirth Outcomes and Public Policy: An Empirical Study Using the Matched New York State Data”, 2016.
- 55). Xian Li, “Smoking and Health: Panel Data Analysis based on HRS”, December 2016.
- 56) Wahida Ferdousi, “Inequality in access to dental and vision care: Examining the role of income and insurance”. June 2017.
- 57) Wu Wei Wang (2018), “Asymmetric loss, informatics and forecast uncertainty”, May 2018.
- 58) Yuan Fang (2019). “Health Shocks, Labor Market Activities, and End-of-Life Medical Expenses”, May 2019.

GRANTS AND CONSULTING:

Medicaid Delivery System Reform Incentive Payment Program (DSRIP) in New York State, 10/1/2016-10/1/2019 (\$620,543.00 awarded), Principal Investigator in a multi-institutional multi-million dollar grant from New York Department of Health.

Economics Consultant, Spectrum Consulting Partners, 2016 – 17.

National Institutes of Health, Behavioral and Social Science Research on Understanding and

Reducing Health Disparities, “Determinants of Between and Within Group Health Disparity in the U.S.” \$1.1 million, 2009-2013. Principal Investigator.

Ford Foundation/CGS Professional Master’s Degree on Forecasting, Planning and Implementation grants, April 1- March 31, 2006. \$30, 000.

U.S Department of Transportation, “The Theoretical Development, Selection, and Testing of Economic Indicators for the Transportation Industry”, \$98, 000, September 2001- August 2002; \$61, 006, May 2003-September 2003.

Based solely on this research, the Bureau of Transportation Statistics of the U.S. Department of Transportation is now producing the Transportation Services Index (TSI) on a monthly basis since March 2004. See www.bts.gov and *Business Week*, November 2004.

State of New York, Revenue Forecasting Department, Office of Budget, Forecasting the New York Economy, \$394,576 during 2000 -04 and \$145,000 for 2004-05. The purpose is to conduct two economic surveys (NYCEF and NYES) for the State of New York, and analysis of data for forecasting.

Social Security Administration, Division of Economic Research, Office of Policy, Washington D.C. to work on Disability Insurance Programs using matched SIPP and Administrative data, \$556, 810 during 9/1/1993-8/30/2001.

Ways and Means Committee of N.Y. State Assembly: Internships for two Ph.D. students during 1999 - 2004, \$96,000.

VA Research Networks, Internships for two Ph.D. students for three years (1997- 2003), \$160,000. Also, various other grants.

New York State Health Department, Analysis of Medicaid Managed Care Insurance Rates, 1997-98, \$43,000.

Consultant, N.Y. Thruway Authority, Albany, Winter 1992. To design optimal staffing patterns at N.Y.S. Thruway toll booths.

Consultant, Analysis of timeliness and accuracy of employee health insurance claims, N.Y. State Civil Service Commission, State of New York, 1988-1996.

"Committee on Economics Education and Research in China," National Academy of Sciences 2/12/90-5/28/90, \$51,442

Consultant, The World Bank, 1988-89, for working on the estimation of a macroeconomic model of developing countries for policy simulation.

"A Comparison of Exact Density Functions of Alternative Exogeneity Test Statistics," National

Science Foundation (Principal Investigator), October 1986-October 1988.

Consultant, Public Service Commission, State of New York, 1985-86. Worked on a project to determine the optimal sample size in Home Energy Saving Audit Surveys.

"An Econometric Analysis of ASA-NBER Data on Expectations," National Science Foundation (Principal Investigator). July 1982-June 1984.

"Econometric Analysis of Expectations Based on Micro Data", National Science Foundation (with G.S. Maddala at the University of Florida). March 1981-February 1983.

Research Associate, Center for Econometrics and Decision Sciences, University of Florida, Gainesville. Summers, 1978-1984.

Consultant, Mechanical Technology Inc. (1977) on a project on economic effects of the Pollution Control Act on the future of automobile prices.

UNIVERSITY/DEPARTMENT SERVICE:

("C" indicates chair of the committee)

Chair, UPPC Resource Analysis & Planning Committee, University Senate, 2018-19.

Member, *STARTUP NY* Campus Advisory Committee 2015 – 2019.

Member, College Promotion and Tenure Committee 2018-2019.

Member, University Senate UPPC Committee. 2017-19.

Member, Strategic Planning Steering Committee 2016-17.

Member, Advisory Council of Distinguish Faculty, Presidential Innovation Fund for Research and Scholarship, 2016

Member, Start UP NY Campus Advisory Committee 2015 – 2016.

Member, University-wide Distinguished Professors Selection Advisory Council, 2014 – 2017.
Council of Research, 2014-15 (C).

Elected Member, University Senate, 2009-, 2013; Member UPPC committee

Member, Graduate Programs Review Panel, 2009

Member, President's Budget Advisory Committee, 2009

Elected Member, Search Committee for University President, 2008-09.

Member, University Budget Advisory Committee, 2009.

Chair, Economics Department, University at Albany – SUNY: Sept. 1994 – August 1997.

Member, Executive Committee, 2000 -

Member, College of Arts and Sciences Dean Search Committee, 2007.

Member, University Senate 1998-1999. Member, College of Arts and Sciences Council, also College Tenure and Promotion Committee, 1983-85, 2002-2004;

Recruitment Committee: 2006-07 (C), 2003-04 (C), 2002-03, 2000-01 (C), 1999-00(C), 1998(C), 1992-93, 1992-91(C), 1988-89(C), 1987-88 (C), 1986-87 (C), 1985-86(C), 1984-85,1982-83(C), 1981-82, 1980-81, 1979-80, 1977-78

Research and Seminar Committee: 2001-2002 (C), 1992-93 (C), 1991-92 (C), 1988-89 (C), 1987-88

(C), 1986-87 (C), 1985-86 (C), 1984-85 (C), 1981-82 (C), 1980-81 (C), 1979-80 (C), 1977-78 (C), 1976-77 (C), 1976.

Graduate Studies Committee: 2003-2007, 1990-02, 1982-83, 1981-82, 1980-81.

Personnel Committee: 2003-04, 1992-93 (C), 1991-92 (C), 1990-91 (C).

Quantitative Methods and Lab: 1980-81, 1979-80, 1977-78, 1976-77, 1976 (C).

Placement Committee: 1998-04, 1988-89, 1987-88, and 1986-87.

Undergraduate Honors Committee: 1984-85.;

Research Mentor, College of Social and Behavioral Sciences: 1984-88.

Member, Dean Search Committee: 1990-91.

Member, University-Wide Committee on Statistics: 1984-86.

Member, University-Wide Committee on School of Public Health: 1985-87.