

DIPAK KUMAR DEY

November, 2009

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CITIZENSHIP: U.S.A.

EDUCATIONAL HISTORY:

- B. Stat. (Honors), Indian Statistical Institute, 1974 (Statistics)
- M.Stat., Indian Statistical Institute, 1975 (Specialization: Advanced Probability and Mathematical Statistics)
- M.S., Purdue University, 1977 (Statistics)
- Ph.D., Purdue University, 1980 (Statistics); Advisor, James O. Berger, (Currently at Duke University and SAMSI).

EMPLOYMENT:

Aug. 1975-Dec. 1979	Purdue University, Teaching and Research Assistant
Aug. 1979-Dec. 1979	Stanford University, Visiting Scholar
Jan. 1980-Aug. 1982	University of Kentucky, Visiting Faculty
Sept. 1982-Aug. 1985	Texas Tech University, Assistant Professor
Sept. 1985-Aug. 1990	University of Connecticut, Associate Professor
Sept. 1990-Present	University of Connecticut, Professor
Oct./Nov. 1991	Indian Statistical Institute, Calcutta, Visiting Professor
Sept. 1991	Macquarie University, Sydney, Visiting Professor
Jan. 1997-Aug. 31, 1997	University of Connecticut, Professor and Acting Head
Sept. 1, 1997 -	University of Connecticut, Professor and Head
Sept./Oct. 2001	University of British Columbia, Visiting Professor
Aug. 2001- Dec. 31, 2006	National Institute of Standards and Technology, Visiting Faculty
Aug. 2007- Dec. 2007	Duke University, Visiting Professor
Jan. 2008-	University of Connecticut, Board of Trustees Distinguished Professor.
July 2008-	Associate Director, Connecticut Institute of Clinical and Translational Sciences (CICATS).

CURRENT JOB DESCRIPTIONS:

- **Department Head:** Complete administrative responsibility for budget developments, promotion, tenure and reappointment, merit distribution, scheduling of courses, annual report preparation, department news letter preparation, faculty recruitment, faculty mentoring, grant development, oversea consulting activities, graduate students recruitment, oversea undergraduate program development.
<http://www.stat.uconn.edu>
- **Associate Director of CICATS:** Submitted CTSA grant to NIH, recruiting Biostatistician for the University of Connecticut Health Center (UCHC), supervising biostatisticians and their collaborative projects, developing joint proposals with Faculty from UCHC.
http://cicats.uhc.edu/infrastructure_core/index.html
- **Senior Research Fellow: Institute of Public Health Research:** Development of grant proposals and directing junior faculty in their research and recruiting graduate students for various projects.
http://publichealth.uconn.edu/IPHR_staff.php
- **Member, Center for Health/HIV Intervention and Prevention:** Developing statistical consulting projects on AIDS and Cancer studies.
<http://www.chip.uconn.edu/bio.php?id=278>
- **Research Affiliate, Center for Health Communication & Marketing:** Advising and planning new projects.
<http://www.chcm.uconn.edu/affiliates.html>
- **Advisory Committee Member: Center for Environmental Science and Engineering:** Advising and planning future policy on Environmental studies.
<http://www.cese.uconn.edu/fac.html>

AWARDS:

- National Merit Scholarship from August 1970 to August 1975.
- Received awards three times in the form of books during undergraduate years.
- David Ross Fellowships from July 1978 to December 1979 from Purdue University.
- Research Excellence Award from the American Association of the University Professor, the University of Connecticut, 2004.
- Research Excellence Award (Science) from the University of Connecticut Alumni Association, 2005.
- Outstanding Alumni Award, Department of Statistics, Purdue University, 2007.
- Board of Trustees Distinguished Professor Award, University of Connecticut, 2008.

HONORS OR DISTINCTIONS:

- President (1988-89) of the Connecticut Chapter of the American Statistical Association.
- Elected Member of the International Statistical Institute, 1991.
- Elected Life Member of the Calcutta Statistical Association, 1992.
- Elected Member of the New York Academy of Sciences, 1995.
- Fellow of the American Statistical Association, 1997.
- Fellow of the Institute of Mathematical Statistics, 2000.
- President of the International Indian Statistical Association, 2002-2004.
- Representative of the Section on Bayesian Statistical Sciences to the American Statistical Association, 2003-2005.
- Chair of the Section on Bayesian Statistical Sciences of the American Statistical Association, 2007.
- Member of the Lindley Prize Committee under the International Society for Bayesian Analysis.
- Program coordinator, SAMSI program on Risk Analysis, Extreme Events and Decision Theory, 2007.
- Elected Member of the Connecticut Academy of Arts and Sciences, 2009.

PROFESSIONAL SOCIETIES:

- American Statistical Association
- Institute of Mathematical Statistics
- American Association of the Advancement of Sciences
- International Biometrics Society (ENAR)
- The International Statistical Institute
- The Bernoulli Society for Mathematical Statistics and Probability
- International Society for Bayesian Analysis
- International Indian Statistical Association
- International Chinese Statistical Association
- Calcutta Statistical Association
- New York Academy of Sciences
- Connecticut Chapter of the American Statistical Association

EDITORIAL ACTIVITIES:

- Editor, Institute of Mathematical Statistics Bulletin, January 1998 - December 2001.
- Associate Editor, Journal of the American Statistical Association (Theory and Methods Section), January 1997 - December 1999.
- Coeditor, "Sankhya", The Indian Journal of Statistics, 1998.
- Associate Editor, Journal of Statistical Planning and Inference.
- Guest Editor of "Sankhya" (Special Issues on Bayesian Statistics).
- International Editorial Board Member of "Parisankhyan Samikkha".

- Co-editor, Journal of Statistical Planning and Inference, Volume 129, Issues 1-2 February 2005, ISSN 0378-3758. IISA Conference Special Issue.

PROFESSIONAL SERVICES:

National and International

- Program Committee, Joint Statistical Meetings, Dallas, Texas, 1998,
- Summer Research Conference Committee, American Mathematical Society,
- Referee for the American Statistician, Annals of Statistics, Annals of the Institute of Statistical Mathematics, Biometrika, Biometrics, Canadian Journal of Statistics, Communications in Statistics, IEEE Transactions on Reliability, Test, Journal of Computational and Graphical Statistics, Journal of the American Statistical Association, Journal of Multivariate Analysis, Journal of Statistical Planning and Inference, Naval Research Logistics, Psychometrika, Sankhya, Scandinavian Journal of Statistics, Sequential Analysis, South African Journal of Statistics, Statistics & Decisions, Statistics & Probability Letters, Computational Statistics & Data Analysis.
- Reviewer of Mathematical Reviews, NSF, AFOSR, Research Grant Council of Hong Kong National Science and Technology Foundation of Chile, NSERC (Canada) and Hong Kong Research council proposals.
- Program Reviewer, Department of Mathematical Sciences, University of Vermont.
- Representative of the Section of Bayesian Statistics to the American Statistical Association, 2002-2004.
- Representative of the Institute of Mathematical Statistics to the American Mathematical Society, 1998-2000.
- Organizing committee member on the International Conference jointly sponsored by Bernoulli Society and Indian Statistical Institute, 1997-1998.
- Member, Nominating Committee of the Institute of the Mathematical Statistics, 1997-1998.
- Member, Publication Committee of the Institute of Mathematical Statistics, 1997-2001.
- Member, Program Committee, Joint Statistical Meetings, 1997-1998.
- Member, Memorial Committee of the Institute of Mathematical Statistics, 1998 - 2000.
- Member, Organizing Committee, International Society for Bayesian Statistics meeting at Vina del Mar, Chile, 2004.
- Member, Committee on Selection of Editors of the Institute of Mathematical Statistics, 2003 - 2005. Chair during 2005.
- Member, Archive and Historical Committee, American Statistical Association, 2003 – 2010.
- Chair, Advisory Committee, International Conference on Bayesian Statistics and its Applications, Varanasi, India, January 2005.
- Co-Chair, Organizing Committee, International Conference on the Future in Statistical Theory, Practice and Education, Hyderabad, India, December 2004.
- Member, International Advisory Committee, International Conference on Statistics, Combinatorics and Related Areas, 2003.

- Member NIH research panel on “Modeling and Applications in Biological Systems”, 2004.
- Member NIH research panel on “Clinical Proteomics”, 2005.
- Member NIH research panel on “Bioinformatics”, 2005.
- Member, Savage Award committee, International Society of Bayesian Analysis, 2005-2006.
- Member, Fellow Selection Committee, Institute of Mathematical Statistics, 2007-2009.

University and Departmental

- Chair, Graduate Admission Committee 1990 - 1993.
- Chair, Colloquium Committee 1987 - 1991.
- Chair, Search Committee 1988-1989, 1992-1995.
- Chair, Promotion and Tenure Committee 1995-1996.
- Member, Graduate Examination Committee 1989 - 1997.
- Member, Department Planning Committee 1987-1988.
- Member, Course and Curriculum Committee of the College of Liberal Arts and Sciences 1988-1990.
- Member, New England Statistics Symposium Committee 1986 - 2006.
- Member, Promotion and Tenure Committee 1987 – 1997.
- Member, Course and Curriculum Committee 1986-1987.
- Member, Pfizer Colloquium Committee, 1990 - present.
- Member, Committee on Committees of the College of Liberal Arts and Sciences, 1994-1995.
- Member, Computer Committee, 1995 - 1997.
- Member, Graduate Faculty Council, 1995-1996.
- Member, Dean's Advisory Committee of the College of Liberal Arts and Sciences, 1995-1997.
- Member, Search Committee for Associate Dean, College of Liberal Arts and Science.
- Co-chair, Assessment for Teachers for New Era, Neag School of Education, University of Connecticut.
- Member, Committee on Public Health Initiative, 2002-.
- Member, Synergy Committee for the School of Public Health between UConn and UConn Health Science Center, 2003-.
- Member, Search Committee for Director, Institute for Social Inquiry/Roper Center.
- Co-chair, Biostatistics Task Force Committee, Center for Public Health and Health Policy.
- Member Search Committee, Assessment coordinator, Neag School of Education.
- Member, Core Research Group of the Center for Health Communication and Marketing.

- Member, Advisory Committee of the Center for Environmental Sciences and Engineering.
- Fellow, Center for Internet Data and Research Intelligence Services (CIDRIS).
- Fellow, Teachers for New Era (TNE), NEAG School of Education.

GRANTS:

1. National Security Agency 1986-87: Maximum Likelihood Estimation for Compound Multinomial and Negative Multinomial Distributions. Contract No. MDA 904-87-H2001.
2. Air Force Office of Scientific Research 1989: Fixed-Sample and Sequential Problems with Applications in Reliability. Contract No. AFOSR 89-0225.
3. National Science Foundation Equipment Grant, 1989, Contract No. DMS-8905633.
4. U.S. Department of Health and Human Services, National Institute of Mental Health. Contract No. SM46279-05. (with C. Harmon).
5. National Science Foundation Conference Board on Mathematical Statistics, 1994 (with A.E. Gelfand). Contract No. DMS-9312931.
6. National Science Foundation, SCREMS, 1995. Contract No. DMS-9506557.
7. Institute of Mathematical Statistics, 1998-2001, editorship.
8. National Science Foundation, SCREMS. Contract No. DMS 9872013.
9. Patrick and Catherine Weldon Donaghue Medical Research Foundation, through the University of Connecticut Health Center, 1995-1997.
10. National Institute of Health, Organizations, Work Environment and Quality of Care, 2001-2004 (Co-PI with N. Warren, UCHC). \$ 1,428,736.
11. International Workshop on "Current Trends in Bayesian Statistics", Institute of Mathematical Statistics, 2003-2004. \$5,000.
12. National Institute of Health, Semiparametric Bayesian Survival Analysis, 2002 - 2004 (Co-PI with D. Sinha, Medical University of South Carolina). UConn portion \$35,565.
13. National Institute of Health, Soluble Epoxide Hydrolase Polymorphisms, 2003 - 2007 (Co-PI with D. Grant, School of Pharmacy, UConn). \$ 1,419,250.

14. U.S. Department of Defense, Storage Efficient Data Mining for High-Speed Data Streams, 2003 - 2006. STTR grant with Sonalysts Inc. UConn portion \$ 255,000.
15. Center for Public Health Policy, University of Connecticut (with E. Storey and A. Ferris). \$ 400,000.
16. National Institute of Health, Bayesian Methods for Analysis of Genetic Diversity (Co-PI with K. Holsinger, EEB), 2004-2008. \$ 471,000.
17. 2004 Provost's Grant Competition, University of Connecticut. Center for Internet Data and Research Intelligence Services (CIDRIS), (Co-PI with P.Goes, School of Business). \$ 400,000.
18. Faculty Large Grant Competition, Office of the Vice Provost for Research and Graduate Education, University of Connecticut, 2005, \$13,000.
19. Faculty Research Grant, Center for Environmental Science and Engineering, University of Connecticut, \$10,000.

GRADUATE STUDENT SUPERVISION:

1. Lloyd Jaising (at Texas Tech University) (Ph.D., July 1985). "A Flexible Bathtub Hazard Model for Nonrepairable Systems". Professor Morehead State University, Morehead, Kentucky..Co-advisor with W. Kolarik).
2. Pei-San Liu (Ph.D., August 1989). "Estimation of Parameters and Reliability in Generalized Life Model". Professor, Fu Jen Catholic University, Taipei, Taiwan, R.O.C.
3. Younshik Chung (Ph.D., August 1990). "On estimation of parameters from compound power series distributions". Professor and Associate Dean, Pusan National University, Busan, Korea.
4. Fengchun Peng (Ph.D., December 1993). "On the use of information and divergence measures in Bayesian analysis". Senior Manager, Credit marketing and risk management group, Sears and Roebuck and Company, Chicago.
5. Lea Birmiwal (Ph.D., May 1994). "Bayesian robustness measures under different classes of priors". Manager Birmiwal Investment Trust, Washington.
6. Hong Chang (Ph.D., August 1995). "Model determination using predictive distributions". Assistant Professor, School of Medicines, Tufts University.

7. Daniel T. Larose (Ph.D., August 1996). "Bayesian Approaches to Meta-Analysis Using Weighted Distributions and Grouped Random Effects Models". Professor and Director of Data Mining, Central Connecticut State University.
8. Kuo-ren Lou (Ph.D., August 1996). "Some Aspects of Bayesian Robustness. Associate Professor". Tamkang University, Tamsui, Taiwan, R.O.C.
9. Malini Iyengar (Ph.D., December 1997). "Bayesian Analysis of Compositional Data". Clinical Biostatistician, Smith Klein and Beecham, Collegeville, Pennsylvania.
10. Murali Niverthi (Ph.D., May 1998). "Bayesian Methods in Quality Control and Software Reliability". Lincoln National Corporation, Fort Wayne, Indiana.
11. Kaushik Patra (Ph.D., August 2000). "Innovative Approaches to Reliability and Survival Analysis". Biostatistician, Johnson and Johnson, Pennsylvania.
12. Athanasios Micheas (Ph.D., August 2001). "Statistical Modeling and Geometry of Shapes". Associate Professor, University of Missouri, Columbia, Missouri.
13. Amitabha Bhaumik (Ph.D., August 2003). "Dynamic Hierarchical Models with Application". Biostatistician, Bristol Myers Squibb, New Jersey.
14. Junfeng Liu (Ph.D., December 2003). "On Skew-Elliptical Distribution with Novel Applications". Post doctoral fellow, Yale University, Currently Assistant Professor, UMDNJ-School of Public Health Rutgers University, Piscataway, New Jersey.
15. Rongwei Fu (Ph.D., December 2003). "Probabilistic Structure and Statistical Inference for Nonexplicit Population Models and Allele Frequency". Associate Professor, Oregon Health and Science University, Portland, Oregon.
16. Seongho Song (Ph.D., August 2005). "Hierarchical Bayesian Analysis of Genetic Diversity in Geographically Structured Populations". Assistant Professor, University of Cincinnati.
17. Samiran Ghosh (Ph.D., August 2006). "Clustering, Classification and Function Estimation for High Dimensional Data Arising from Bioinformatics and Related Domains". Assistant Professor, IUPUI, Indianapolis, IN.
18. Ulysses Diva (Ph.D., August 2006). "Novel Approaches in Modeling Spatially Correlated Multivariate Data". Bristol Myers Squibb, Wallingford, CT.

19. Feng Guo (Ph. D., August 2007). "Modeling Genetic Data using Bayesian Hierarchical Models". Assistant Professor, Department of Statistics, Virginia Tech, Blacksburg, VA.
20. Sourish Das (Ph. D., June 2008). "Generalized Linear Model and Beyond: An Innovative Approach from Bayesian Perspective". Post-doctoral Fellow, SAMSI and Visiting Assistant Professor, Department of Statistical Sciences, Duke University, Durham, NC.
21. Xia Wang (Ph.D., May 2009). "General Classes of Skewed Link Functions for Categorical Response Data". Research Associate at the National Institute of Statistical Sciences, Research Triangle Park, NC.
22. Elijah Gaioni (Ph.D. July 2009). "Semiparametric Functional Estimation and Extreme Value Modeling Using Mixture Distributions and Limited Quantile Information". IBM T. J. Watson Research Center, New York.
23. Sandra Hurtado is currently working towards her Ph.D.
24. Sylvie Tchumtchoua is currently working towards her Ph.D.
25. Ran Liu is currently working towards her Ph.D.
26. Marcos Prates is currently working towards his Ph.D.(Co-advisor with J. Yan).
27. Weqing Li is currently working towards his Ph.D. (Co-advisor with M.-H. Chen).
28. Tony Jiang is currently working towards his Ph.D.

POST DOCTORAL SUPERVISION:

1. Marcia delia Branco, Ph.D. University of Sao Paulo, Brazil.
2. Chansoo Kim, Ph.D. Pusan National University, Korea.
3. Sung-Duk Kim, Ph.D. Pusan National University, Korea.
4. Juan Carlos Vivar, Ph.D. Federal University of Rio de Janeiro, Brazil.
5. Jinhyuk Jung, Ph.D. Pusan National University, Korea.
6. Victor Hugo, Ph.D. University of Sao Paulo, Brazil.

TEACHING EXPERIENCES:

- Taught undergraduate Mathematics and Statistics courses at Purdue University.
- Taught Applied and Mathematical Statistics courses at the University of Kentucky.

- Taught undergraduate and graduate level courses in Statistics and Mathematics at Texas Tech University.
- Taught a course on “Current Trends in Bayesian Statistics” at the University of British Columbia.
- Taught a course on Risk Analysis at SAMSI for graduate students from Duke, UNC, Chapel Hill and NC State University.

COURSES TAUGHT AT THE UNIVERSITY OF CONNECTICUT:

- Descriptive Statistics
- Applied Regression Analysis
- Design of Experiments
- Statistical Methods
- Intermediate Probability Theory
- Statistical Decision Theory
- Multivariate Analysis
- Reliability and Statistical Quality Control
- Theory of Estimation
- Statistical Inference
- Biostatistics
- Bayes Theory
- Longitudinal Data Analysis
- Linear Models I
- Linear Models II

INVITED COLLOQUIUM / PAPERS:

- Department of Statistics, University of Kentucky, Lexington, February, 1980.
- Department of Statistics, State University of New York, Buffalo, January 1981.
- Department of Statistics, University of California, Riverside, February 1981.
- Department of Mathematics, Texas Tech University, Lubbock, March 1982.
- Conference for Texas Statisticians, Baylor University, Waco, Texas, April 1984.
- Indian Statistical Institute, Calcutta, India, July 1984, October 1991, November 1991.
- Department of Statistics, Harvard University, October 1985.
- Department of Mathematics and Statistics, University of Massachusetts, November 1985, October 1990, November 1994.
- Southern Regional Educational Board, Committee on Statistics, Boone, North Carolina, June 1985.
- IMS Regional Meeting, West Lafayette, Indiana, June 1986.
- Department of Mathematics, Worcester Polytechnic Institute, December 1987, October 1993.

- Department of Mathematics, University of Maryland at Baltimore County, December 1988.
- R.C. Bose Symposium on Probability, Statistics and Design of Experiment, New Delhi, India, December 1988.
- International Conference on recent developments in Statistical data analysis and inference, University of Neuchatel, Switzerland, August 1989.
- NBER-NSF Seminar on Bayesian Inference in Econometrics and Statistics, University of Chicago, October 1989.
- Department of Mathematics, University of Maine, March 1990.
- Brazil-U.S. Workshop on Bayesian Statistics and Econometrics, Rio de Janeiro, Brazil, July 1990.
- Recent Developments in Probability and Statistics, Conference in memory of C.G. Khatri, New Delhi, India, December 1990.
- Department of Mathematics, Boston University, March 1991.
- Statistical Research Division, Bureau of the Census, Washington D.C., July 1991.
- Institute of Statistics & Decision Sciences, Duke University, Durham, North Carolina, July 1991.
- School of Economic and Financial Studies, Macquarie University, Sydney, Australia, September 1991.
- Several Universities and Institutes at Taiwan, R.O.C., during December 1991. The places include: Central University, Chungli; Fujen Catholic University, Hsinchuang; Chung San University, Kaohsiung; Cheng Kung University, Tainan; Tamkang University, Tamsui; Tsing Hwa University, Hsinchu; Chengchi University, Taipei; Academic Sinica, Taipei.
- Department of Mathematics, Cornell University, March 1992.
- International Conference on Bayesian Robustness. CNR IAMI, Milano, Italy, May 1992.
- Fifth Purdue Symposium on Statistical Decision Theory and Related Topics. West Lafayette, Indiana, June 1992.
- Department of Mathematics, Bucknell University, Lewisburg, Pennsylvania, November 1992.
- First Multinational Riverboat Conference on Bayesian Econometrics and Statistics, Basel-Amsterdam, April-May, 1993.
- Joint Statistical Meetings, San Francisco, August 1993.
- Department of Statistics, Rutgers University, September 1993.
- Fifth International Meeting on Bayesian Statistics, Alicante, Spain, June 1994.
- Second International Society of Bayesian Analysis meeting, Toronto, Canada, August 1994.
- Department de Mathematiques et de Statistique, Universite de Montreal, December 1994.
- Second International Workshop on Bayesian Robustness, Rimini, Italy, May 1995.
- Department of Pure Mathematics and Mathematical Statistics, University of Cambridge, U.K., May 1995.
- Fourth Conference on Model Oriented Data Analysis, Spetses, Greece, June 1995.
- Department of Mathematics, Imperial College, London, U.K., June 1995.

- Statistics and Mathematics Unit, Indian Statistical Institute, Calcutta, India, July 1995.
- Joint Statistical Meeting at Orlando, Florida, August 1995.
- Third International Society of Bayesian Analysis Meeting, Oaxaca, Mexico, September 1995.
- Department of Statistics, University of Florida, Gainesville, October 1995.
- Center for Statistical Sciences, Brown University, Providence, November 1995.
- Second Workshop on Intrinsic Bayes Factor, Universidad Simon Bolivar, Caracas, Venezuela, November 1995.
- Department of Mathematics, Northern Illinois University, DeKalb, December 1995.
- Workshop on Default Bayesian Statistical Methodology, Purdue University, West Lafayette, Indiana, November 1996.
- Department of Biostatistics, Harvard University, March 1997.
- Department of Statistics, North Carolina State University, April 1997.
- Institute of Statistics and Decision Sciences, Duke University, April 1997.
- Inter American Statistical Institute, University of Costa Rica, San Jose, Costa Rica, May 1997.
- Department of Mathematics & Statistics, Utah State University, Logan, Utah, July 1997.
- Joint Statistical Meetings, Biometrics Section, Anaheim, California, August 1997.
- Joint Statistical Meetings, Section on Bayesian Statistics, Anaheim, California, August 1997.
- Department of Mathematics, University of Nebraska, Lincoln, October 1997.
- INFORMS Meeting at Dallas, Texas, October 1997.
- Third International Triennial Calcutta Symposium, University of Calcutta, December 1997.
- Department of Mathematical Sciences, University of Cincinnati, May 1998.
- Sixth Valencia Conference on Bayesian Statistics, Alcobre, Spain, May 1998.
- Sixth Purdue Symposium on Statistical Decision Theory, West Lafayette, Indiana, June 1998.
- Thirteenth Brazilian Symposium of Probability and Statistics, Caxambu, Brazil, July 1998.
- Departamento de Estatística, Universidade de São Paulo, Brazil, July 1998.
- Departamento de Matemática, Universidade de São Carlos, Brazil, July 1998.
- Joint Statistical Meetings, Section on Bayesian Statistics, Dallas, Texas, August 1998.
- Department of Mathematical Sciences, New Jersey Institute of Technology, September 1998.
- International Indian Statistical Association Conference, McMaster University, Hamilton, Ontario, October 1998.
- Department of Statistics, University of Georgia, Athens, November 1998.
- The International Biometric Society (ENAR) Meeting, Atlanta, Georgia, March 1999.
- Department of Mathematics, Boston University, April 1999.
- Department of Statistics, Texas A&M University, May 1999.
- Fourth Chilean workshop on Bayesian Statistics, Santiago, Chile, January 2000.

- Keynote Speaker, Fourteenth New England Statistics Symposium, Brown University, April 2000.
- American Mathematical Society's Summer Research Conference, Mount Holyoke College, June 2000.
- Joint Statistical Meetings, Section on Bio Pharmaceutical Statistics, Indianapolis, Indiana, August 2000.
- Department of Biometry, Medical University of South Carolina, Charleston, South Carolina, August 2000.
- Department of Statistics, University of Missouri, Columbia, Missouri, November 2000.
- Department of Mathematics and Statistics, University of Southampton, UK, December 2000.
- Department of Statistics, University of Leeds, UK, December 2000.
- Fourth International Triennial Calcutta Symposium, University of Calcutta, December 2000.
- International Indian Statistical Association Meeting, New Delhi, January 2001.
- Department of Statistics, Ohio State University, Columbus, Ohio, April 2001.
- Department of Mathematics, University of Louisiana, Lafayette, Louisiana, April 2001.
- Keynote Speaker, Louisiana Chapter of the American Statistical Association, New Orleans, Louisiana, April 2001.
- Department of Statistics, Pusan National University, Pusan, Korea, July 2001.
- Department of Statistics, Seoul National University, Seoul, Korea, July 2001.
- Department of Statistics, University of British Columbia, Vancouver, September 2001.
- Department of Statistics, Simon Fraser University, Burnaby, October 2001.
- Department of Statistics, Pennsylvania State University, November 2001.
- Department of Statistics, Calcutta University, at the Diamond Jubilee Celebration, January 2002.
- Hawaii International Conference, Honolulu, Hawaii, June 2002.
- Conference on Statistics, Probability and Related Areas, Northern Illinois University, De Kalb, Illinois, June 2002.
- Department of Statistics, University of São Paulo, Brazil, July 2002.
- Special Invited paper at the 15th Brazilian Statistical Society Meeting at Aguas de Lindoya, São Paulo, Brazil, August 2002.
- Joint Statistical Meeting, New York, August 2002.
- Department of Statistics, Iowa State University, Ames, Iowa, October 2002.
- Fifth Latin American Statistical Association Meeting, Buenos Aires, Argentina, November 2002.
- International Conference on Ranking and Selection, Multiple Comparisons, Reliability and Their Applications, Chennai, India, December 2002.
- International Conference: Statistics in Industry and Business, Cochin, India, January 2003.
- Current Trends in Bayesian Statistics, Indian Statistical Institute, Kolkata, India, January 2003.

- Statistical Society of Montréal, Montréal, Canada, March 2003.
 - Department of Statistics, Penn State University, State College, April 2003.
 - Seventh Purdue Symposium, Purdue University, West Lafayette, Indiana, June 2003.
 - 7th Latin American Congress on Bayesian Statistics, Universidade Federal de São Carlos, São Paulo, Brazil, July, 2003.
 - Department of Statistics, Case Western Reserve University, Cleveland, Ohio, November 2003.
 - International Workshop on Applied Probability, University of Pireus, Greece, March 2004.
 - International Society of Bayesian Analysis, Vin`a del Mar, Chile, May, 2004.
 - International Indian Statistical Association meeting, University of Georgia, Athens, Georgia, June 2004.
 - Joint Statistical Meetings, Toronto, Canada, August 2004.
 - Department of Mathematics and Statistics, University of Windsor, Canada, November, 2004.
 - International Conference on the Future in Statistical Theory, Practice and Education, Hyderabad, India, December 2004.
 - International Conference on Bayesian Statistics and its Applications, Varanasi, India, January 2005.
 - Second Latin American Congress on Bayesian Statistics, San Jose del Cabo, Mexico, February, 2005.
 - Frontiers in Applied and Computational Mathematics, '05, Department of Mathematical Sciences, New Jersey Institute of Technology, Newark, NJ, May 2005.
-
- Workshop on Recent Advances in Modeling Spatio-temporal Data, Southampton Statistical Science Research Institute, University of Southampton, UK, May 2005.
 - Fifth International Conference on Objective Bayesian Statistics, Branson, MO, June 2005.
 - Department of Mathematics, Shanghai Jiao Tong University, Shanghai, China, July, 2005.
 - The Joint Meeting of the Chinese Society of Probability and Statistics and the Institute of Mathematical Statistics, Beijing, China, July 2005.
 - The Joint Statistical Meetings, Minneapolis, MN, August 2005.
 - Department of Biostatistics & Computational Biology, University of Rochester Medical School, Rochester, NY, September 2005.
 - Fifth Annual Red Raider Mini-Symposium on "Geometry, Statistics and Image Analysis" at Texas Tech University, Lubbock, TX, November, 2005.
 - International Conference In Statistics, University of Malaya, Kuala Lumpur, Malaysia, December, 2005.
 - Department of Genetics, Indian Statistical Institute, Kolkata, India, January, 2006.
 - International Chinese Statistical Association, Applied Statistics conference, Storrs, CT, June, 2006.
 - Institute of Statistics & Decision Sciences, Duke University, Durham, NC, September 2006.

- Division of Probability and Statistics, Indian Statistical Institute, Delhi Center, Delhi, India, December, 2006.
- Multivariate Statistical Methods in the 21st Century. International Celebrating the Birth Centenary conference in honor of S. N. Roy, Indian Statistical Institute, Kolkata, India. December, 2006.
- Seventh Triennial conference in Statistics, Calcutta University, Kolkata, India. December 2006.
- International Indian Statistical Association, Joint Statistical Meeting and International Conference, Department of Statistics, Cochin University of Science and Technology. Cochin, India, January 2007.
- Graduate School of Business, University of Chicago, Chicago, Illinois, February, 2007.
- Tenth Regression School, Brazilian Statistical Association, Salvador, Bahia, Brazil, February, 2007.
- Department of Mathematics and Statistics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil, March 2007.
- Department of Statistics, Yale University, New Haven, Connecticut, March 2007.
- Division of Mathematics, IBM T J Watson Research Center, Yorktown, New York, March, 2007.
- Department of Biostatistics, Bioinformatics and Epidemiology, Medical University of South Carolina, Charleston, SC, June 2007.
- International Chinese Statistical Association, Applied Statistics Symposium, Raleigh, NC, June 2007.
- Joint Statistical Meetings, Salt Lake City, UT, July 2007.
- Department of Statistical Sciences, Duke University, Durham, NC, August, 2007.
- Division of Biostatistics, National Institute of Environmental Health and Sciences, Research Triangle Park, NC, September 2007.
- Current and Future Trends in Nonparametrics, University of South Carolina, Columbia, SC, October 2007.
- Department of Statistics, North Carolina State University, Raleigh, NC, November, 2007.
- Undergraduate Workshop at the SAMSI program on Risk Analysis, Extreme Events and Decision Theory, SAMSI, Research Triangle Park, NC, November, 2007.
- International Conferences on Statistical Paradigms: Recent Advances and Reconciliations, Indian Statistical Institute, Kolkata, India, January 2008.
- Inaugural Lecture at the Interdisciplinary Institute of Science and Technology in the Department of Mathematical Sciences, Banaras Hindu University, Banaras, India, January 2008.
- International Biometrics Society, ENAR, Crystal City, VA, March, 2008.
- Odyssey Lecture, Johns Hopkins Center for Talented Youth, March, 2008.
- SAMSI workshop on Risk Revisited, Durham, NC, May, 2008.
- International Indian Statistical Association conference, Storrs, CT, May, 2008.
- University of Rochester Medical School, Rochester, NY, January, 2009.
- Department of Statistics, George Washington University, D C, April, 2009.
- Seventh Bayesian Nonparametrics Workshop, Moncalieri, Italy, June 2009.

CONTRIBUTED PAPERS PRESENTED:

- IMS Annual Meeting, Cincinnati, August 1982.
- Sixth International Symposium on Multivariate Analysis, Pittsburgh, July, 1983.
- IMS Regional Meeting, Austin, Texas, March 1985.
- International Symposium on Advances of Multivariate Analysis Indian Statistical Institute, Calcutta, India, December 1985.
- National ASA Meeting, Las Vegas, August 1985.
- National ASA Meeting, Chicago, August 1986.
- First New England Statistics Symposium, April 1987.
- IMS Regional Meeting, Blacksburg, Virginia, May 1987.
- National ASA Meeting, San Francisco, August 1987
- Second New England Statistics Symposium, University of Massachusetts, April 1988.
- National ASA Meeting, New Orleans, August 1988
- National ASA Meeting, Washington, D.C., August 1989.
- Fourth Valencia International Meeting on Bayesian Statistics, Peniscola, Spain, April 1991.
- NBER-NSF seminar on Bayesian Inference in Econometrics and Statistics, Duke University, October 1992.

FIELDS OF RESEARCH INTEREST:

Decision Theory, Multivariate Analysis, Bayesian Analysis, Biostatistics, Bioinformatics, Computational Statistics, Reliability and Survival Analysis, Statistical Shape Analysis, Statistical Genetics.

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