

# Dipasis Bhadra

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## Highlights of Skills

Highly experienced in applying economics analytical framework and multivariate statistical/econometric analyses including regression techniques, qualitative choice modeling, time series analysis and forecasting; and cost-benefit, program monitoring and evaluation in multi-country setting. Considerable knowledge of data sources, data characteristics, and data mining. Extensive knowledge of survey designs, experience in analysis of large databases and reporting results. Experienced in mathematical modeling and simulations. Data modeling, analysis and reporting using SAS, SPSS, EViews, and GAMS and MATHEMATICA; Excel, Lotus 1-2-3, Quattro-Pro, ACCESS, and Oracle; and PowerPoint, Word, Word-Perfect, and basic HTML editor in Windows NT and PCs and Macintosh, and VAX-VMS mainframe environment. Demonstrated ability to learn new skills and software quickly. Author of numerous research reports, professional papers and over 16 years of post-Ph. D. experience. More than 7 years of post-Ph. D. teaching experience at undergraduate levels.

## Experience

Office of Aviation Policy and Plans, Federal Aviation Administration, US Department of Transportation, 800 Independence Avenue, S.W., Washington, D.C. 20591

[www.faa.gov](http://www.faa.gov)

### Center for Advanced Aviation System Development, The MITRE Corporation

7515 Colshire Avenue; N590 McLean, VA 22102

[www.mitre-caasd.org](http://www.mitre-caasd.org)

### Redbridge Corporation

Waterford, VA

[www.redbridge.com](http://www.redbridge.com)

### International Center for Research on Women

Washington, DC

[www.icrw.org](http://www.icrw.org)

#### October, 2009 – present; Senior Quantitative Economist

- Review and develop mathematical models and quantitative methods applying complex economic methodology and research techniques for APO and other FAA offices to generate specific aviation demand and activity forecasts, as well as economic analyses. Also identify areas for research and analysis, prepare economic studies; and develop and present policy recommendations to senior FAA executives, the Secretary of Transportation, and the White House Office of Management and Budget on aviation policies and programs.
- Liaise with the Joint Program and Development Office (JPDO) and Operational Evolution Partnership (OEP) office dealing with economic and future demand projections and activities related to development and implementation of the Next Generation Transportation System. Provides forecasting support and policy analyses to AEP, APO, JPDO, and OEP management to evaluate and recommend economic and operational strategies to enhance efficiency improvements to the National Airspace System (NAS). Examples of support include preparation of traffic demand forecasts, statistical analyses, and business trend analyses.

#### March, 2004 – October, 2009: Principal Economist; February, 2001 – March, 2004: Lead Economist;

- Conduct and lead economics and business analyses of various aviation issues, including preparation of aviation demand forecasts for major airports, fleet mix analysis using econometric models; tariff analyses, investment portfolio analyses, corporate business analyses, economics of organizational restructuring, microeconomic analyses, feasibility studies for privatization of airports and air navigation services.
- Work with international clients (e.g., Egypt, India, Chinese, Paraguay Civil Aviation Authorities; and Argentina airports) and support the Federal Aviation Administration (FAA) of the United States in both technical and policy analyses.

#### July, 2000 – December, 2000: Analyst/ Researcher

- Research on high-tech e-labor market.
- Segmentation and classification of market according to skills in e-market in the Internet.
- Extract, compile and analyze data.

#### November, 1998 – April, 2000: Director, Economic Analysis Division

- Implemented sponsored research and policy projects funded by the USAID and Foundations involving household surveys, data analysis using statistical software, program monitoring, evaluation, budget, and reporting.
- Directed technical specialists in designing and implementation of projects, provided technical assistance (research, training, and policy) to projects in India, Bangladesh, and El Salvador, conducted policy analysis and participated in daily administration.
- Authored numerous research reports and wrote grant proposals.

**The World Bank**  
Washington, DC and  
Resident Mission in  
Dhaka, Bangladesh;  
**CARE, and Asian  
Development Bank**  
<http://www.worldbank.org/html/extpb/abshtml/12456.htm>

**Northern Virginia  
Community College,**  
Loudoun Campus  
[www.nv.cc.va.us/](http://www.nv.cc.va.us/)

**University of Baltimore**  
Baltimore, Maryland  
<http://www.ubalt.edu/>

**University of Connecticut**  
Storrs, Connecticut  
[www.econ.uconn.edu/faculty/heffley.htm](http://www.econ.uconn.edu/faculty/heffley.htm)

**American University**  
Washington, DC  
[http://www.american.edu/cas/department\\_economics.shtml](http://www.american.edu/cas/department_economics.shtml)

**Institute of Development,  
Environment, and  
Strategic  
Studies, Department of  
Environmental Studies,  
and  
Department of Economics  
North South University,**  
Dhaka, Bangladesh  
<http://www.agni.net/nsu/>

**West Bengal  
Comprehensive  
Area Development  
Corporation,  
Government of West  
Bengal, and Calcutta  
University, India**

**October, 1995 – November, 1998; May, 1991 – August, 1992: Consultant**

- Provided technical assistance (economic, and financial evaluations), undertook evaluations of projects, monitoring, and review of infrastructure projects.
- Took part in technical assistance missions to Bangladesh, designed households and activities surveys, analyzed data using statistical software, and reported quantitative findings for several policy, country strategy, and infrastructure projects.
- Won internationally competitive McNamara Fellowship (1991-'92), successfully completed the project, and disseminated results in the policy outlets. Research assistance to the Agriculture and Rural Policies Division.

**January, 2004 – Continuing: Adjunct Professor**

- Teach Principles of Macro and Microeconomics and Intermediate Trade to undergraduate students.

**September, 1992 – June, 1994: Research Associate and Assistant Professor (Adjunct)**

- Estimated multi-sectoral econometric models (i.e., multi-variate regressions in simultaneous equations system) of the state economy and provided short- and medium-range forecasting on sectoral employment and unemployment, real estate (commercial and residential), welfare caseload, and trends in regional prices using BLS, BEA, and Census data.
- Taught economics to graduate and undergraduate students.

**September, 1984 – May, 1991: Graduate Teaching Assistant/Research Assistant/Lecturer**

- Assisted professors with research and teaching undergraduate economics classes and a course in graduate econometrics. Assisted students in use of software in analyzing and reporting statistical results.
- Taught economics to undergraduate students.

**Fall, 1998; Summer II, 2000: Associate Professor (Adjunct)**

- Taught economics to undergraduate students.

**August, 1994 – May, 1997: Director of Research/Chairperson/Assistant Professor**

- Established a research institute, prepared grant (CIDA, Ford, SIDA) and bid proposals (ADB, World Bank) and raised external funds.
- Conducted numerous sponsored research (primarily policy research based on quantitative designs), guided student research, and presented research findings at conferences and symposiums. Supervised publications of the Institute.
- Established the Department of Environmental Studies, formulated the undergraduate curricula, hired faculty, recruited students and raised external funds. Participated in daily administration.
- Taught economics to graduate and undergraduate students.

**March, 1982 – February, 1984: Economic Analyst/Research Assistant**

- Designed and undertook policy studies to evaluate socio-economic conditions of the farmers in West Bengal.
- Conducted household surveys in villages and analyzed data, and statistical results exploring determinants and effects of contractual arrangements.

## Education

University of Connecticut  
Storrs, Connecticut  
[www.uconn.edu/](http://www.uconn.edu/)

Calcutta University  
West Bengal, India

- **PH. D.** in Economics with specialization in Quantitative Economics, Forecasting and Mathematical Modeling; Urban and Regional Economics; and Applied Microeconomics. CGPA: 3.56 / 4.00 scale. Total number of graduate economics courses: 21. September, 1984 – May, 1991.
- **M. A.** in Economics with specialization in Agricultural Economics, Public Finance and Policies. Graduated in the top 15% of the class. Total number of graduate economics courses: 21. January, 1980 – March, 1982.
- **B. A.** in Economics. Graduated with honors. August, 1975 – December, 1979.

## Communications and Business Development (details available upon request; also see homepage)

2 books; 1 training manual on strategic business planning for micro-enterprises (complete with financial software); in excess of 30 professional and journal papers and 25 conference and seminar presentations including chairing sessions; more than 30 reports completed for sponsored projects; 11 grant proposals; and 35 *op-ed* advocacy articles in newspapers.

## Personal Information

Dynamic, flexible, work well independently as well as in a team. Analytical, problem solver, and proven management expertise in multi-country (US, Bangladesh, India, Egypt, and El Salvador) setting. Married with two children. US citizen. Date of Birth: 02-01-1960. Sex: Male. **Clearance Level: SECRET**

## References

Available upon request.

*Last Updated: 1/12/2009*