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**CITIZENSHIP:** USA

**EDUCATION:**

Ph. D. (Economics), University of Illinois at Urbana-Champaign, USA, 1997  
MS (Economics), University of Illinois at Urbana-Champaign, USA  
MS (Statistics), University of Calcutta, India

**SUMMARY:**

*Technical Expertise*

Twenty two years of experience in progressively responsible positions in the academia, including over one year in health policy research with the federal government as a Fellow and the second year as a Senior Adviser under the Intergovernmental Personnel Mobility Act (IPA) assignment. Managed and conducted extensive research portfolio involving evidence based, data intensive research for analyzing trend, projections, macroeconomic forecasting, economic valuation and cost-benefit analyses, regulatory impact analysis of public policies and programs leading to peer-reviewed research publications in high quality academic and policy journals. Over two decades of experience in evaluating research of other scholars involving complex statistical methodologies and in guiding student research on domestic public policies, their cost effectiveness and potential economic impacts in the areas of health, environment, trade, housing, labor, transportation, education, many of them leading to peer-reviewed publications in top-rated economics journals. Provided paid service as statistical/economic consultant outside academia, including governments. Invited to serve on the panel review committees to evaluate economic research project proposals at the state/federal governments.

*Administrative Experience*

Extensive experience as the administrative head of an academic (economics) department. Managed and mentored twenty faculty, staff, and student assistants for day-to-day administration of the department. Served on the department Chairs' Council for outreach activities and to lead the department in achieving its established goals. Collaborated with other agencies/institutions to bring about significant and innovative changes in the practice of scholarship in the higher education administration, including establishing two joint academic programs with foreign universities. Served as a member on numerous university-wide committees and working groups, including the academic senate, university budget committee, and professional development research councils; served on the committees for hiring senior administrators, volunteered to lead the university in assessing its economic impact on the local economy. Invited to speak on economic and health policy-related topics before domestic and international communities, including serving multiple times as keynote speaker.

## 1. EMPLOYMENT HISTORY

**San Francisco State University  
Department of Economics**

**08/2014 - Current**

PROFESSOR OF ECONOMICS

- **Research:** Conducting evidence based policy research in economics, applied econometrics, with specific focus on the analyzing trend, projections, regulatory impact analysis and cost-benefit analysis of public policies relating to healthcare and the environment.
- **Teaching:** Teaching graduate/undergraduate courses in economics, applied cost-benefit analysis of public policies, econometrics, and statistics.
- **Committee Services (SFSU):**
  - (i) Member, University Academic Master Plan Working Group (2018-19);
  - (ii) Member, College of Business Strategic Initiatives Committee (2017-18).
  - (iii) Chair, Department RTP Committee for promotion to full professor (2018- ).
  - (iv) Member, Department RTP Committee for tenure and promotion to Associate (2017- ).
  - (v) Member, Department Hiring Committee (2018-19).
  - (vi) Member, Faculty Hearing Panel (2017-18)
- **Committee Services (external):** (i) Invited to serve on the research review panel in the United States Health Resources and Services Administration, Bureau of Primary Health Care (BHPC) (2019).  
(ii) Invited to serve on the United States Department of Transportation's research review panel to review DOT's economic research proposals (2015).
- **Consulting Services:**
  - (i) Consultant for Girardi and Keese: California Department of Fish and Wildlife Versus Residents Lake Davis, Portola, CA; litigation related to economic value loss associated with poisoning in Lake Davis, Portola, California (2018).
  - (ii) Consultant: Class Action Litigation Case related to Auto Insurance Vehicle Valuation (2019).

**Health Resources and Services Administration (HRSA)  
Department of Health and Human Services**

**08/2015 – 07/2017**

SENIOR ADVISER (on IPA assignment)

10/2016 – 07/2017

ORISE FELLOW

08/2015 – 09/2016

- Managing a large portfolio of evidence-based research agenda on health care workforce with specific focus on the economic impact and economic cost-benefit analyses of HRSA's programs. Research portfolio includes economic cost-benefit analyses of the National Health Services Corps (NHSC) program, program evaluation of the Nurse Corps program, rural training grants programs, cost effectiveness of the nurse practitioners' scope of practice laws and of the patient-centered medical home (PCMH) models in Federally Qualified Health Centers (FQHC), program administered by the National Practitioners Data Bank (NPDB).
- Completed five projects for peer-reviewed publications at economic or health policy-related journals.
- Completed two major Reports – one evaluating HRSA's Nurse Corps program and the other developing a macroeconomic, time-series forecasting model of malpractice queries pertaining to health care providers at the national level. The former project provides extensive

recommendations for efficient management of HRSA's nationwide Nurse Corps Program, while the purpose of the latter project is to provide detailed and rigorous recommendations for an efficient pricing strategy for the query response program administered by the National Provider Data Bank (NPDB), respectively. The Reports are for use within the Agency.

**San Francisco State University**  
**Department of Economics**

**08/2008 – 08/2014**

PROFESSOR AND CHAIR; PROGRAM DIRECTOR OF INTERNATIONAL PROGRAMMING

- **General Management:** Management & administration of all aspects of the Economics Department, including curricular offering, new curriculum development, hiring and salary negotiation of faculty and staff, resolving faculty and student issues, managing the department budget, supervising department faculty, lecturers, staff, and student assistants, efficient allocation, control and use of resources, developing strategic plans, representing the department to the college, university, and the outside world.
- **Interdisciplinary Collaborations:** Initiated and Implemented collaborative, interdisciplinary programs with Department of Finance and Department of International Business. Led the College of Business in joining the university-wide move for a cluster hire in the area of "Big Data in Healthcare Research".
- **International Collaborations:** Served as the Program Director of the international programs. Initiated and implemented new joint Masters' program with two international universities. Met with foreign delegations as an expert in the area of international programming. Raised revenues for the department/college/university to the tune of half-a-million dollar through international programs. Initiated and formalized the joint international MA program to be offered through the College of Extended Learning (CEL) starting fall 2012.
- **Alumni Event:** Took leadership in organizing the first ever economics alumni event in 2009 to promote alumni relations and outreach activities.
- **Public-Private Partnerships:** Met with corporate executives in the Bay Area, as a representative of the College of Business to explore possibilities of public-private partnerships.
- **Economic Impact Assessment Report:** Volunteered to lead, organize, and manage a university-wide economic impact research project and writing an economic impact assessment report for the President of SFSU. The report was a rigorous statistical/actuarial/economic analysis for assessment of the financial/economic impact of SFSU operations. The Report is also being used as a study material in a course taught by a professor in the College of Business, SFSU.
- **Consulting Services:** Served as an independent statistical (paid) consultant for the San Francisco law firm Schubert, Jonckheer, & Kolbe LLP, [www.schubertlawfirm.com](http://www.schubertlawfirm.com). Provided economic consulting services to the State of New Hampshire, State of Iowa, and the State of California on projection of costs and benefits of tobacco control programs.
- **Committee Services (university-wide):** Served on the College of Business Chairs' Council, and the University Budget Committee. Served on the hiring committees of (i) Vice President of Administration and Finance, (ii) Associate Vice President of Academic Affairs. Served as the external member of the Promotions Committee, Department of Urban Studies.
- **Research:** Conducted evidence-based research in economics, applied econometrics, with specific focus on trend analysis, projections, regulatory impact analysis and cost-benefit analysis of public policies and published in top-rated economics journals.
- **Teaching:** Taught graduate/undergraduate courses in economics, applied cost-benefit analysis of public policies, econometrics, and statistics.
- **Student mentoring:** Mentored and guided student research for successful publications in top-rated journals.

**San Francisco State University  
Department of Economics**

**08/2003 – 07/2008**

ASSOCIATE PROFESSOR

- **Research:** Conducted evidence-based research in economics, applied econometrics, with specific focus on trend analysis, projections, regulatory impact analysis and cost-benefit analysis of public policies and published in top-rated economics journals.
- **Teaching:** economics, applied cost-benefit analysis of public policies, econometrics, and statistics.
- **Member of Academic Senate:** Studied and evaluated existing policies on university-wide faculty recruitment, retention, tenure and promotion. Actively participated in framing and finalizing the new university-wide retention, tenure, and promotions policies. Engaged in issues relating to faculty professional development; professional ethics; consultative practices and policies concerning administrative appointments and selection of school/department chairs; affirmative action; and academic freedom. Actively involved in the discussions and suggestions regarding issues, such as academic calendar, academic restructuring, continuous enrollment policy, discontinuance of certain programs, graduate students achievement award procedures, lower division writing requirement, resolution on GE segment committees, upper division writing requirement, transfer students major declaration policy.
- **Committee Services (university-wide):** Actively participated in the university budget discussions presided by the President, SFSU. Served on the hiring committee of the Director of Health Equity Research. Served on the Dean of the College of Behavioral and Social Sciences Review Committee. Served on the university Professional Development Research Council. Served as a member of the Sabbatical Leave Committee for evaluating research proposals. External Member of the RTP Committee, Department of Geography. Member, BSS College Committee for Research, Scholarship, and Creative Activity.
- **Committee Services (external):** Participated in two inter-agency working groups engaged in developing health disparity research agenda with members from SFSU, UC-San Francisco, UC-Berkeley, and San Francisco Department of Public Health.

**San Francisco State University  
Department of Economics**

**08/1999 – 7/2003**

ASSISTANT PROFESSOR

- **Research:** Conducted evidence-based research in economics, applied econometrics, with specific focus analyzing trends, projections, regulatory impact analysis and cost-benefit analysis of public policies, and published in top-rated economics journals.
- **Teaching:** Taught courses in economics, applied cost-benefit analysis of public policies, econometrics, and statistics.
- **Consulting Service:** Offered service as a consultant to Northeast Midwest Institute on the project “An Economic Valuation of Contaminated Sediment Remediation in Waukegan Harbor” funded by the U. S. Environmental Protection Agency.
- **Committee Service (university-wide):** Served on the university Professional Development Research Council. Served on the faculty panel as an advisor of International Student Orientation Program. Served as a member of the Center for Educational Technology Advisory Board. Served as a volunteer of Teacher Scholar Summer Institute (TSSI).
- **Committee Service (external):** Served on the review panel as an external member to review a project proposal for City of Portland, Oregon Bureau of Planning.

Sudip Chattopadhyay

**University of California at Berkeley  
Department of Agricultural Economics**

**07/2002 – 12/2002**

VISITING SCHOLAR

- Conducted research in economics, applied econometrics, with specific focus on the regulatory impact analysis and cost-benefit analysis of public policies, and published in top-rated economics journals.

**Kansas State University  
Department of Economics**

**08/1998 – 7/1999**

VISITING ASSISTANT PROFESSOR

- **Research Publication:** Conducted research in economics, applied econometrics, with specific focus on analyzing trends, projections, regulatory impact analysis and cost-benefit analysis of public policies, and published in top-rated economics journals.
- **Teaching:** Taught courses in econometrics, statistics, microeconomics, applied microeconomics, environmental economics.

**Binghamton University  
Department of Economics**

**08/1997 – 7/1998**

VISITING ASSISTANT PROFESSOR

- **Research Publications:** Conducted research in economics, applied econometrics, with specific focus on analyzing trends, projections, regulatory impact analysis and cost-benefit analysis of public policies, and published in top-rated economics journals.
- **Teaching:** Taught courses in econometrics, statistics, microeconomics, applied microeconomics, environmental economics.

## 2. RESEARCH AND SCHOLARLY ACCOMPLISHMENTS

### Honors and Awards (Sponsored Research for Scholarship)

Fellow, Oak Ridge Institute for Science Education (ORISE), Funded by Department of Energy, Fellowship sponsored at Health Resources and Services Administration (HRSA), Rockville, MD, 2015-16.

Competitive Presidential Award for Sabbatical Leave, SFSU, 2014-15.

Competitive Presidential Award for Sabbatical Leave, SFSU, 2005-06.

Faculty Fellow in RIMI Health Disparity Research, SFSU, 2004-05.

Competitive Presidential Award for Professional Development of Probationary Faculty, SFSU, 2002-03.

Competitive Faculty Award for Research, Scholarship and Creative Activity, SFSU, 1999-2000, 2001-2002.

Competitive Faculty Development Award, SFSU, 1999-00, 2000-2001.

### Funded Project (Sponsored Research with Funding)

Senior Adviser; Intergovernmental Personnel Act (IPA) Mobility Program Assignment; National Center for Health Workforce Analysis (NCHWA), Health Resources and Services Administration (HRSA), Rockville, MD, 2016-17, \$183,000 per year.

"Economic Impact of San Francisco State University on the Bay Area: 2011-12." San Francisco State University, 2012-13, \$13,000.

"A Spatial Approach to Measuring the Environmental Determinants of Health: Exploring the Possibilities of Creating a Database for Health and Environmental Indicators for San Francisco." San Francisco State University Summer 2004, \$4,000.

"An Economic Valuation of Contaminated Sediment Remediation in Waukegan Harbor". U. S. Environmental Protection Agency/Northeast Midwest Institute (with John B. Braden and Allegra Cangelosi), 2002-03, \$200,000.

"Economic Valuation of the Great Lakes Environmental Benefits." National Oceanic and Atmospheric Administration/Northeast Midwest Institute (with J. B. Braden), October 1997, \$8,300.

### Recently Completed Research Projects

- Chattopadhyay, Sudip and George Zangaro, 2016. "Cost-Efficiency in the Patient Centered Medical Home Model: New Evidence from Federally Qualified Health Centers (FQHC)". Submitted.
- Chattopadhyay, Sudip and George Zangaro. 2016. "The Cost Impact of Health IT and the New Models of Primary Care in Federally Qualified Health Centers".
- Chattopadhyay, Sudip and George Zangaro. 2016. "Promoting Rural Practice in Medical School Education: An Economic Rationale". Accepted at a journal after peer-review, but not published due to embargo placed by the federal government.
- Chattopadhyay, Sudip, George Zangaro, Tiandong Li, and Anne Stahl. 2016. "Investing in National Health Services Corps to Promote Health in Health Professional Shortage Areas: Does It Pass the Economic Cost-Benefit Test?". Presented at the HRSA's 2016 Research and Innovation Symposium, Rockville, MD, June 1, 2016. Submitted.
- Chattopadhyay, Sudip. "Energy Paradox or Rebound Effect? What Do The US Auto Travelers Reveal in Their Travel Behavior?"

### Peer-reviewed Journal Publications (Research Publications)

- Chattopadhyay, Sudip and George Zangaro. 2019. "The Economic Cost and Impacts of the Scope of Practice Restrictions on Nurse Practitioners". Forthcoming, *Nursing Economics*.
- Chattopadhyay, Arpita, Yang Fan, and Sudip Chattopadhyay. "Cost-Efficiency in Medicaid Long-term Support Services: The Role of Home and Community Based Services," *SpringerPlus (Business & Economics)*, 2:305. DOI: 10.1186/2193-1801-2-305, 2013.
- Chattopadhyay Sudip and Emily Taylor. "Do Smart Growth Strategies Have a Role in Curbing Vehicle Miles Traveled? A Further Assessment Using Household Level Survey Data." *The Berkeley Electronic Journal of Economic Analysis and Policy*, 12: (1) (Topics), Article 37, 2012.
- Chattopadhyay Sudip and David Piper. "Does Spending More on Tobacco Control Programs Make Economic Sense? An Incremental Benefit-Cost Analysis using Panel Data", *Contemporary Economics Policy*, 30 (3), 430-447, 2012.
- Netusil, Noelwah, Sudip Chattopadhyay, and Kent Kovacs. "Economic Benefits of Large Patches of Tree Canopy: A Second Stage Hedonic Price Analysis". *Land Economics*, 86 (2), pp 281-93, 2010.
- Chattopadhyay Sudip. "The Random Expenditure Function Approach to Welfare in RUM: The Case of Hazardous Waste Cleanup." *Resource and Energy Economics*, 31 (1), pp 58-74, 2009.
- Patunru, Arianto, John B. Braden, and Sudip Chattopadhyay. "Who Cares About Environmental Stigmas And Does It Matter? A Latent Segmentation Analysis of stated Preferences for Real Estate" *American Journal of Agricultural Economics*, 89 (3), 712-26, 2007.
- Chattopadhyay, Sudip, John Braden, and Arianto Patunru. "Benefits of Hazardous Waste Cleanup: New Evidence From Survey- and Market-Based Property Value Approaches." *Contemporary Economic Policy*, 23 (3), 357-75, 2005.
- Braden, John, Arianto Patunru, and Sudip Chattopadhyay: "Contaminate Cleanup in the Waukegan Harbor AOC: Homeowner Attitudes and Economic Benefits." *Journal of Great Lakes Research*, 30 (4), pp 1-16, 2004.
- Chattopadhyay Sudip: "A Repeated Sampling Technique in Assessing the Validity of Benefit Transfer in Valuing Non-market Goods". *Land Economics*, 79 (4): 576-96, 2003.
- Chattopadhyay, Sudip: "Divergence in Alternative Hicksian Welfare Measures: The Case of Revealed Preference for Public Amenities". *Journal of Applied Econometrics*, 17 (5), pp. 641-66, 2002.
- Chattopadhyay, Sudip: "The Effectiveness of McFadden's Nested Logit Model in Valuing Amenity Improvement", *Regional Science and Urban Economics* 30 (1), pp 23-43, 2000. Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds. Joseph Herriges and Catherine Kling, Ashgate Publishing Limited, England, July 2008.
- Chattopadhyay, Sudip: "Estimating the Demand for Air Quality: New Evidence Based on the Chicago Housing Market," *Land Economics*, 75 (1), pp 22-38, 1999.
- Chattopadhyay, Sudip: "An Empirical Investigation into the Performance of Ellickson's Random Bidding Model with An Application to Air Quality Valuation," *Journal of Urban Economics*, 43 (2), pp 292-314, 1998. Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds. Joseph Herriges and Catherine Kling, Ashgate Publishing Limited, England, July 2008.

- Chattopadhyay, Sudip: "Development in the Petroleum Sector in India and Its Impact on Petroleum Prices: An Economic Analysis Based on A Realistic Prediction Model," *Indian Journal of Economics*, 72 (4), pp.455-472, 1992.
- Chattopadhyay, Sudip: "A Systems Approach Based on A Markov-Chain Model for Performance Evaluation of Water Resource System," *Systems and Cybernetics in Management (SCIMA)*, 19 (1-2), pp. 45-55, 1990.
- Chattopadhyay, Sudip: "A Realistic Linear Decision Rule for Reservoir Management," *Water Resources Management*, 2 (1), pp. 21-34, 1988.

### **Workshops/Conference Papers and Proceedings (Research Presentations)**

- Chattopadhyay, Sudip and George Zangaro. "Cost of Nurse Practitioners' Restrictive Scope of Practice Laws". Presented at a seminar at Johns Hopkins University School of Nursing, Washington, D. C., April 26, 2016.
- Chattopadhyay, Sudip, George Zangaro, Tiandong Li, and Anne Stahl. "Investing in National Health Services Corps to Promote Health in Health Professional Shortage Areas: Does It Pass the Economic Cost-Benefit Test?". Presented at the HRSA's 2016 Research and Innovation Symposium, Rockville, MD, June 1, 2016.
- Chattopadhyay, Sudip. "Can VMT Tax be Effective in Transportation Demand Management in California? An Analysis of Household Choice Using Temporally Separated Household Travel Survey Data." Presented in a seminar at the National Science Foundation, Arlington, Virginia, March 5, 2015.
- Chattopadhyay, Sudip. "Do Smart Growth Strategies Have a Role in Curbing Vehicle Miles Traveled in California? A Further Assessment Using Household Level Survey Data." Presented at the Association of Environmental and Resources Economists' (AERE) 2011 Summer Conference, held in Seattle, Washington, June 9-10, 2011.
- Chattopadhyay, Sudip. "Asymptotically Bounded Preference and the Difference Between Willingness to Pay and Willingness to Accept." Presented in the AERE sessions at the American Agricultural Economists' Association held in Orlando, Florida, July 27-29, 2008.
- Chattopadhyay, Sudip and Edward R. Morey. "Asymptotically Bounded Preference Structure and the Difference Between Willingness to Pay and Willingness to Accept." Presented at the Third World Congress of Environmental and Resource Economists held in Kyoto, Japan, July 2-5, 2006.
- Chattopadhyay, Sudip and Edward R. Morey. "Hicksian Welfare Measures in Random Utility Model With Linear and Nonlinear Income Effects: A Comparative Evaluation Using Conjoint Choice-based Survey Data." Presented at the Third World Congress of Environmental and Resource Economists held in Kyoto, Japan, July 2-5, 2006.
- Netusil, Noelwah and **Sudip Chattopadhyay**. "Economic Benefits of Large Patches of Tree Canopy: A Second Stage Hedonic Price Analysis." Western Regional Research Publication (WRRP) proceedings. Eighteenth Interim Report, July 2005.
- Chattopadhyay, Arpita, Sudip Chattopadhyay, and XiaoHang Liu. "Land Use Pattern and Hospitalization for Chronic Conditions: A Spatial Study on Modifiable Health Risk in San Francisco." Presented in the Academy Health 2006 Annual Research Meetings held in Seattle on June 25-27, 2006.
- Chattopadhyay, Arpita, Sudip Chattopadhyay, and XiaoHang Liu. "Land Use Pattern and Hospitalization for Chronic Conditions: A Spatial Study on Modifiable Health Risk in San Francisco." Presented at the XXV International Population Conference, Tours, France, July 18-23, 2005.
- Chattopadhyay, Sudip, John B. Braden, and Arianto Patunru. "Perceived Environmental Value in Revealed Data: Evidence from the Housing Market." Presented at the Allied Social Sciences Association (ASSA/AERE) Meetings, held in San Diego, California, January 3-5, 2004.
- Chattopadhyay, Sudip and John Braden. "Identification and Estimation of Hedonic Models in Single Market: The Role of Information Uncertainty in Measuring Product Attribute Levels." Presented at the EPA-sponsored Seventh Occasional Workshop on Environment and Resource Economics, held at UC-Santa Barbara, California, October 17-18, 2003.
- Chattopadhyay, Sudip: "A Repeated Sampling Technique in Assessing the Validity of Benefit Transfer in Valuing Non-market Goods". Presented at the 57<sup>th</sup>. European Meetings of the Econometric Society, held in Venice, Italy, August 24-28, 2002.

- Chattopadhyay, Sudip: "Welfare Measurement in the Discrete-Choice Random Utility Model Under General Preference Structure", Presented at the Second World Congress of Environmental and Resource Economists held in Monterey, California, June 24-27, 2002.
- Chattopadhyay, Sudip: "A Repeated Sampling Technique in Assessing the Validity of Benefit Transfer in Valuing Non-market Goods". Presented at the Second World Congress of Environmental and Resource Economists held in Monterey, California, June 24-27, 2002.
- Chattopadhyay, Sudip: "Welfare Measurement in the Discrete-Choice Random Utility Model Under General Preference Structure". Presented at the EPA-sponsored Sixth Occasional Workshop on Environment and Resource Economics, held at UC-Santa Barbara, October 26-27, 2001.
- Chattopadhyay, Sudip: "A Repeated Sampling Technique in Assessing the Validity of Benefit Transfer in Valuing Non-market Goods". Presented in the 76<sup>th</sup>. Annual WEA International Conference held in San Francisco, in July 5-9, 2001.
- Chattopadhyay, Sudip: "Divergence Between the Hicksian Welfare Measures: The Case of Revealed Preference for Public Amenities". Presented at the European Association of Environmental and Resources Economists' 2000 conference held in Crete, Greece, June 29 – July 2, 2000.
- Chattopadhyay, Sudip: "How Successful is the Command-and-Control Regulation? An Assessment of Benefits of SO<sub>2</sub> Mitigation in Chicago During the Last Two Decades". Presented at the EPA-sponsored Fifth Occasional Workshop on Environmental and Resource Economics held at University of California at Santa Barbara, May 5-6, 2000.
- Chattopadhyay, Sudip: "How Successful is the Command-and-Control Regulation? An Assessment of Benefits of SO<sub>2</sub> Mitigation in Chicago During the Last Two Decades". Presented in the 42<sup>nd</sup>. Annual Meetings of the Western Social Science Association held in San Diego, California, April 26-29, 2000.
- Chattopadhyay, Sudip and John B. Braden: "Measuring the Benefits of Clean Air: A Two-stage Hedonic Study Based on the Chicago Housing Market," (with John B. Braden), presented at the World Congress of Environmental and Resource Economists, Venice, Italy, in June 25-27, 1998.

#### **Papers in Edited Volume (Publications as Book Chapters)**

- Chattopadhyay, Sudip: "An Empirical Investigation into the Performance of Ellickson's Random Bidding Model with An Application to Air Quality Valuation," Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds. Joseph Herriges and Catherine Kling, Ashgate Publishing Limited, England, July 2008.
- Chattopadhyay, Sudip: "The Effectiveness of McFadden's Nested Logit Model in Valuing Amenity Improvement", Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds. Joseph Herriges and Catherine Kling, Ashgate Publishing Limited, England, July 2008.
- Chattopadhyay, Sudip and John B. Braden: "The Benefits of Air Quality Improvement in the Great Lakes Region: A Case Study of Hedonic Methods of Valuations," in *Revealing the Economic Value of Protecting the Great Lakes*, ed. Allegra Cangelosi, Chapter 7, pp. 120-130, 2001.
- Braden, John B. and Sudip Chattopadhyay: "Hedonic Valuation of Environmental Improvements," in *Revealing the Economic Value of Protecting the Great Lakes*, ed. Allegra Cangelosi, Chapter 6, pp. 78-82, 2001.

### Technical Reports (Sponsored Projects)

“An Efficient Query Volume Forecasting Model for Managing the Release of Medical Malpractice Information by the National Practitioners Data Bank”, Prepared for the Division of Practitioner Data Bank, Health Resources and Services Administration (HRSA), July 2017.

“HRSA’s Nurse Corps Program: An Assessment and Recommendations”, Prepared for the Division of Health Careers and Financial Support, Bureau of Health Workforce (BHW), Health Resources and Services Administration (HRSA), February 2017.

“Economic Impact of San Francisco State University on the Bay Area: 2011-12.” Prepared for the Office of the President, San Francisco State University, August 2013.

Economics of Critical Habitat Designation and Species Recovery: Consensus Statement of a Workshop Sponsored by the Pacific Rivers Council, Environmental Studies Program at San Francisco State University, Ecotrust, and the National Center for Conservation Science and Policy; Eugene, OR: Pacific Rivers Council, October 2008 (lead author with Gary Carnefix, Carlos Davidson, Dominick A. DellaSala, John Duffield, Christopher Frissell, Marc P. Hayes, Mark Jennings, Joe Kerkvliet, Gretchen LeBuhn, Pete Morton, Ernie Niemi, Deanna Spooner, and Matt Weber).

An Economic Evaluation of Contaminated Sediment Remediation in Waukegan Harbor, Illinois. Prepared for the U.S. Environmental Protection Agency, Great Lakes National Program Office, August 2004, with John B. Braden, and Arianto A. Patunru.

Final Report: An Economic Valuation of Contaminated Sediment Remediation in Waukegan Harbor, Illinois. Prepared for the U.S. Environmental Protection Agency, Great Lakes National Program Office, October 2003, with John B. Braden, and Arianto A. Patunru.

Economic Value of Environmental Clean-up: Contaminants in Waukegan Harbor, Illinois, *Report to the Community of Waukegan, The Northeast Midwest Institute, and the Great Lakes National Program Office, USEPA*, July 2003, with John B. Braden, and Arianto A. Patunru.

Shoreline Redevelopment, City of Waukegan, Lake County, Illinois: A Survey of Homeowners, *Chicago: University of Illinois Survey Research Laboratory*, 2002, with John B. Braden, Arianto Patunru, and Lisa Kelly-Wilson

### Invited Article

“Globalization: A New Challenge for India, Prospects for the Future”. Published in “Saradiya”, an Indian language magazine, published in the United States: October 2001.

### 3. PROFESSIONAL ACCOMPLISHMENTS:

#### Keynote Speaker/Invited Lectures (Voluntary/Paid Community Services)

July 25, 2016: "The Affordable Care Act of 2010, Health Workforce, and the Emerging Models of Healthcare Delivery in the US: The Role of Health Economists in Policy Evaluation". Invited to give a talk as Keynote Speaker at the Second Global Health Economics Summit, held in Berlin, Germany, on July 25-26, 2016.

November 18, 2014: "Measuring the Economic Values of the Multi-Dimensional Quality Features of a Value-Capture Business Model: A Proposed Research Agenda for Facebook". Invited to present a seminar at Facebook.

June 28, 2014: "The Great Recession, Slow Recovery and the Income Inequality in the United States: What are the Policy Choices?" Gave a talk as the Keynote Speaker at the 26<sup>th</sup> Meeting of the Pacific Asia Consortium for International Business Education and Research (PACIBER), held in San Francisco on June 27-30, 2014.

September 24, 2012: "The Great Recession of 2008 and the Slow Recovery." Gave a talk at the American Studies Institute's Fulbright Program.

September 19, 2012: "European Debt Crisis and It's Impact on the Global Economy." Gave a talk at the American Studies Institute's Fulbright Program.

May 15, 2012: "European Monetary Crisis." Gave a talk as part of a lecture series to the community members of Diablo International Resource Center (DIRC), Walnut Creek, California.

December 15, 2011: "Costs and Benefits of State Level Tobacco Control Programs." Presented in a webinar conducted by the Centers for Disease Control and Prevention' office of Smoking and Health.

October 31, 2011: "Issues of Aging and Long Term Care in the United States." Presented to the delegates from the Government of China; hosted by San Francisco State University.

October 24, 2011: "The Role of "Smart Growth" Strategies in California in Shaping Households' Demand for Private Transportation." Presented to the delegates from the Government of China; hosted by San Francisco State University.

November 10, 2010: "Data Collection and Economic/Statistical Analysis for Public Policy: A Recent Case Study." Presented to the delegates from the Government of China; hosted by San Francisco State University.

October 6, 2010: "2010 California Governor's Election Campaign Issues: Economics of the Climate Change and the Environment." Delivered lecture to the SF-State campus community as part of the College of Behavioral and Social Sciences special lecture series.

September 20, 2006: "The Economics of the Global Warming Policies in California: Can We Save the State And the Planet?" Delivered lecture to the SF-State campus community as part of the College of Behavioral and Social Sciences special lecture series.

## **Selected Media Coverage and Testifying in Hearings**

### ***On California Assembly Bill (AB 32) on Global Warming and Climate Change***

Capitol Weekly of Sacramento:

<http://capitolweekly.net/cutting-pollution-cost-effective-way/>.

### ***On proposed clean car standard and oil dependence:***

Expert testimony before federal officials in a hearing on the proposed federal Corporate Average Fuel Economy (CAFE) standards on January 24, 2012 in San Francisco.

### ***On State level tobacco prevention and control programs:***

San Francisco Examiner: <http://www.sfexaminer.com/local/3-minute-interview/2011/11/professor-says-states-could-save-money-funding-anti-smoking-efforts>.

UPI: [http://www.upi.com/Health\\_News/2011/11/28/Tobacco-control-can-save-states-big-money/UPI-20301322537853/](http://www.upi.com/Health_News/2011/11/28/Tobacco-control-can-save-states-big-money/UPI-20301322537853/)

Medpage Today: <http://www.medpagetoday.com/PrimaryCare/Smoking/29918>

Coverage from Spain: <http://www.agenciasinc.es/Noticias/Invertir-en-programas-antitabaco-permite-ahorrar-hasta-20-veces-lo-que-cuestan>

EurekAlert: [http://www.eurekalert.org/pub\\_releases/2011-11/sfsu-scs112111.php](http://www.eurekalert.org/pub_releases/2011-11/sfsu-scs112111.php)

Medical News Today: <http://www.medicalnewstoday.com/releases/238304.php>

Tobacco Org: <http://www.tobacco.org/articles/category/costs/>

MedicalExpress: <http://medicalxpress.com/news/2011-11-states-substantial-tobacco.html>

Teatree.me.uk: <http://teatree.me.uk/blog/2011/11/30/economic-savings-with-tobacco-control-programs/>

### ***On public policies on “smart growth” and auto-dependent transportation***

Planetizen: <http://www.planetizen.com/node/58497>

SmartPlanet: <http://www.smartplanet.com/blog/cities/building-walkable-cities-cuts-emissions-more-than-fuel-taxes-study-says/5311>

Designing Cities: <http://dc.streetsblog.org/2012/09/17/study-10-more-smart-growth-20-less-driving/>

Better Cities & Towns: <http://bettercities.net/article/10-percent-more-smart-growth-20-percent-less-driving-18887>

Public Intelligence Blog: <http://www.phibetaiota.net/2012/09/smartplanet-design-of-cities-matters-cuts-emissions/>

### ***On housing meltdown and the California Economy:***

Silicon Investor: <http://www.siliconinvestor.com/readmsg.aspx?msgid=26710408>

**Journal/Book Referee Services (Voluntary Services as an Expert in the Field of Economics)**

1. Landscape and Urban Planning (2017)
2. Land Economics (May 2013)
3. Land Economics (Dec 2011)
4. Journal of Environmental Economics and Management (Nov 2011)
5. Contemporary Economic Policy (May 2009)
6. Regional Science and Urban Economics (Aug 2008)
7. Regional Science and Urban Economics (Oct 2007)
8. Environmental and Resources Economics (July 2007)
9. Contemporary Economic Policy (Jan 2007)
10. Journal of Environmental Management (Dec 2006)
11. Book Review: "Stats: Data and Models", Author: DeVeaux, Velleman, and Bock, (Jun 2005)
12. Journal of Urban Economics (May 2005)
13. Book Review: "Environmental Economics", Third Edition, Author: Barry C. Field, McGraw Hill (Jun 2004)
14. Journal of Housing Economics (Jun 2004)
15. National Tax Journal (Mar 2004)
16. Book Review: Title: "Environment: The Science Behind the Stories". Author: Scott Brennan, Publisher: Benjamin Cummins (2003).
17. Oxford Economic Papers (2002)
18. Oxford Economic Papers (2001).
19. Journal of Urban Economics (2000)
20. Journal of Urban Economics (2002-1).
21. Journal of Urban Economics (2000-2).
22. Environmental and Resource Economics (2002).
23. Regional Science and Urban Economics (2001).
24. Book Review: Title: "Introduction to Statistics and Econometrics", Publisher: Prentice Hall (2000).
25. Southern Economic Journal (2000).
26. Journal of Environmental Management (2000).
27. Journal of Environment and Development (2000).
28. Growth and Change (1999).
29. Resources and Energy Economics (1999)
30. Land Economics (1997)
31. Book Review "Grow Your Career in Supply Chain Management", Authors: Sourya Datta, Sudip Das, and Debasish Bagchi.

**External Review Panel Member (Voluntary Services as an Expert in the Field of Economics)**

- Agency: United States Department of Transportation. Project: "Standards and Guidance in Estimating Livability Benefits of Transit Projects". January 2015.
- Agency: City of Portland, Oregon Bureau of Planning. Project: "Effects of Environmental Zones and Proximity to Natural Resources amenities on Residential Property Values in Portland, Oregon." Fall 2002

**Paper Discussant (Voluntary Services as an Expert in the Field of Economics)**

- AAEA/AERE Joint Meetings, held in Orlando, Florida, July 27-29, 2008. Paper title: "Estimating Discount Factors within Random Utility Theoretic Framework".
- ASSA/AERE Joint Winter Meetings, held in San Diego, January 3-5, 2004.
- NBER Summer Institute Workshop on Environment held in Cambridge, Massachusetts, August 6-7, 2000.

**Ph. D. Thesis Committee (Voluntary Service as an Expert in the Field of Economics)**

Candidate: Arianto Patunru, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign. Thesis submission date: May 2004.

**4. TEACHING ACCOMPLISHMENTS:**

**List of Courses Taught**

Economics 101: Introduction to Microeconomics  
Economics 102: Introduction to Macroeconomics  
Economics 301: Intermediate Microeconomic Theory  
Economics 305: Economic Analysis for Non-majors  
Economics 311: Statistical Methods and Interpretation  
Economics 312: Introduction to Econometrics  
Economics 320: Econometrics  
Economics 550: Economics of Energy and the Environment  
Economics 601: Applied Microeconomic Theory  
Economics 690: Senior Seminar: Economic Inquiry and Analysis  
Economics 711: Seminar on Microeconomic Theory – Applications of Cost-Benefit Analysis  
Economics 720: Seminar on Applied Quantitative Techniques  
Economics 730: Seminar on Econometric Methods  
Economics 830: Advanced Econometric Methods and Applications  
Economics 890: Graduate Seminar on Applied Economics (Culminating Experience)  
Finance 309: Financial Modeling

**Teaching Award**

Commendations for outstanding teaching, University of Illinois: Fall 1994, Spring 1995, and Fall 1996.

**5. ASSOCIATION MEMBERSHIP:**

- American Economic Association
- Association of Environmental and Resources Economists
- Western Economic Association

**6. COMPUTER SKILLS: R, STATA, LIMDEP, SHAZAM, SAS, EXCEL**

**7. REFERENCES: ON REQUEST**