# SUCHARITA GHOSH

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# **EDUCATION**

Ph.D., Economics, The University of Kansas, 1993 M.A., Economics, The University of Kansas, 1989 B.A. & MA (Part I) University of Bombay, 1986

# **PROFESSIONAL EXPERIENCE**

2018 – present	The University of Akron, Department of Economics, Professor
2003-2018	The University of Akron, Department of Economics, Associate Professor
2006	The University of Salento, Italy, Visiting Associate Professor
1995 -2003	The University of Akron, Department of Economics, Assistant Professor (with two years maternity leave of absence; tenure probationary period delayed)
1993 -1995	The University of Akron, Department of Economics, Visiting Assistant Professor
1992 - 1993	The University of Akron, Department of Economics, Visiting Instructor
1988-1992	The University of Kansas, Department of Economics, Graduate Assistant Instructor

# AWARDS AND HONORS

*Fulbright Scholar* Research Grant awarded by the J. Fulbright Foreign Scholarship Board Spring, 2018.

Notable Alumni, Department of Economics, The University of Kansas, 2015.

*Buchtel College of Arts and Sciences Teaching Award* to full-time faculty for excellence in teaching, The University of Akron, 2007.

*Fulbright Scholar* grantee to Italy awarded by the J. Fulbright Foreign Scholarship Board, 2006.

*The University of Akron Summer Fellowship* for research project titled "The Impact of Regional Trading Agreements on the Quality of the Environment," 2006.

*Chair's Award for Outstanding Research*, Buchtel College of Arts and Sciences, The University of Akron, 2005.

*Interactive Technology Grant* for project titled, "Using ConcepTests and Peer Instruction to Improve Student Learning in Economics," The University of Akron, 2004.

Friends of the University Library Grant, The University of Akron, 2004.

*The University of Akron Summer Fellowship* for research project titled "Globalization of the United States Economy: Impact on Domestic Employment,"1996.

*Certificate of Achievement* by the Office of International Student Services and Phi Beta Delta, Honor Society for International Students, The University of Kansas, 1993.

*The University of Kansas Chancellors Award* to Graduate Student Teachers for excellence in teaching, 1991.

## **RESEARCH ACTIVITIES**

#### **RESEARCH INTERESTS**

International Trade, International Finance, Applied Econometrics

## **REFEREED PUBLICATIONS**

"Exports, Immigration and Human Capital in U.S. States," (with Camilla Mastromarco), *Regional Studies*, 52(6), (2018): 840-852.

"Does the Confucius Institute Network Impact Cultural Distance? A Panel Data Analysis of Cross-Border Flows in and out of China," (with Donald Lien and Steven Yamarik), *Asian Economic Journal*, 31(3), (2017): 299-323.

"Firm Growth, R&D Expenditures and Exports: An Empirical Analysis of Italian SMEs," (with Marco Di Cintio and Emanuele Grassi), *Research Policy*, (2017),46: 836-852.

"The Spillover Effects of United States Foreign Trade Zones," (with Shawn Rohlin and Curtis Lock), *Applied Economics*, 48(3), (2016): 4112-4130.

"Do Refugee-Immigrants Affect International Trade? Evidence from the World's Largest Refugee Case," (with Ali Enami), *Journal of Policy Modeling*, 37(2), (2015): 291-307.

"The Relationship between Communicable Diseases and Foreign Direct Investment: An Empirical Investigation," (with Francesco Renna), *The World Economy*, 38(10), (2015): 1574-1593. "Broad versus Regional Integration: What Matters for Economic Development?" (with Steven Yamarik), *Journal of International Trade and Development* 24(1), (2015): 43-75.

"Does the Confucius Institute Impact International Travel to China? A Panel Data Analysis," (with Donald Lien and Steven Yamarik), *Applied Economics* 46(17), (2014): 1985-1995.

"Cross-border Economic Activities, Human Capital and Efficiency: A Stochastic Frontier Analysis for OECD Countries" (with Camilla Mastromarco), *The World Economy* 36(6), (2013): 761-785.

"Is Natural Openness or Trade Policy Good for the Environment?" (with Steven Yamarik), *Environment and Development Economics* 16(6) (2011): 657-684.

"Foreign Capital, Human Capital and Efficiency: A Stochastic Frontier Analysis for Developing Countries" (with Camilla Mastromarco), *World Development*, 37(2) (2009): 489-502.

"A Firm's External Environment and the Hiring of a Nonstandard Workforce: Implications for Organizations," (with Ghosh and Willinger), *Human Resource Management Journal* 19(4), (2009): pp 433-453.

"Using Electronic Response Systems in Economics Classes" (with Francesco Renna), *Journal of Economic Education*, 40(4), (2009): 354-365.

"International Trade, Technology and Wage Inequalities in the US Manufacturing Sector: Evidence from Granger Causality Tests" (with Steven Yamarik), *Review of International Economics* 15(2) (2007): 321-346.

"Do Regional Trading Arrangements Harm the Environment? A Preliminary Analysis of 162 countries in 1990," (with Steven Yamarik), *Applied Econometrics and International Development*, (2006).

"A Sensitivity Analysis of the Gravity Model," (with Steven Yamarik) *The International Trade Journal* 19, (2005): 83-128.

"Does Trade Creation Measure Up? A Reexamination of Regional Trading Arrangements," (with Steven Yamarik), *Economics Letters* 82 (2004): 213-219.

"Are Regional Trading Arrangements Trade Creating? An Application of Extreme Bounds Analysis," (with Steven Yamarik), *Journal of International Economics* 63, (2004): 369-395.

"Fertility and Economic Growth: Do Immigrant Maids Play a Role?" (with Donald Lien) *Pacific Economic Review* 7 (2002): 245-257.

"Forecasting with Preliminary Data: A Comparison of Two Methods," (with Donald Lien), *Applied Economics* 33 (2001): 721-726.

"The Causal Relationship between International Trade and Employment in the Manufacturing Sector of the United States" *The International Trade Journal* 14 (2000): 399-419.

"Forecasting with Preliminary Data," (with Donald Lien), *Journal of Forecasting* 16 (1997): 463-473.

"United States Trade Balance Announcements: The Nature of its Data Revisions," *Oxford Bulletin of Economics and Statistics* 59 (1997): 371-383.

"Data Revision and Market Response: The Case of the United States Trade Balance Announcements," (with Donald Lien). *Oxford Bulletin of Economics and Statistics* 57 (1995): 265-275.

### **BOOK REVIEW**

Review of *The Gravity Model in International Trade. Advances and Applications* edited by Peter A. G. van Bergeijk and Steven Brakman. Cambridge: Cambridge University Press, 2010. Published in *Review of International Economics* 9, 2011, pp 979-81.

## WORKING PAPERS

### **Completed Papers under Review in Peer-Reviewed Journals**

"Direct or Indirect Exports: What Matters for Firms' Innovation Activities?" (with Marco di Cintio and Emanuel Grassi). *Under review*.

"Do the Intellectual Property Rights of Regional Trading Arrangements Impact Foreign Direct Investment? An Empirical Examination," (with Steven Yamarik). *Under review*.

## Work in Progress

"Overeducation and Overskilling in the early careers of Ph.D. graduates: Does international migration reduce labor market mismatch?" (with Emanuele Grassi).

"Globalization and Income Inequality in the EU-27: An Efficiency Analysis with Cross-Sectional Dependence," (with Camilla Mastromarco and Laura Serlenga).

"The Impact of Export Modes on Total Factor Productivity," (with Marco di Cintio and Emanuel Grassi).

"The Effect of Intellectual Property Rights in Free Trade Agreements on U.S. Industry-level Foreign Direct Investment," (with Steven Yamarik).

"Globalization, Economic Growth and Income Inequality in OECD Countries," (with Camilla Mastromarco).

"The Signaling Effect of Population Health and Health Infrastructure on FDI Flows," (with Francesco Renna).

"Education Levels, Government Spending and Economic Growth: A Panel Data Study of Low and Middle Income Countries," (with Haimanti Banerjee).

## MIMEOGRAPH

"Is Female Education Productive? A Reassessment of its Effects and Determinants", (with Steven Yamarik), Department of Economics, Tufts University, Medford, MA, 2003.

## PROFESSIONAL PRESENTATIONS

### **Invited International Presentations**

"R&D, Innovation & Exports." Invited Visiting Scholar at University of Salento, Lecce, Italy, March 2015.

"Local Development in a Globalized World," University of Salento, Lecce, Italy. Conference titled *Annalisi dei Mercati e Sviluppo Locale*, November 2007.

"Regional Trading Arrangements and Economic Growth: Does it Apply to the Euro-Mediterranean Area?" at ISUFI Scuola Superiore, University of Salento, Lecce, Italy, December 2006.

"Are Regional Trading Arrangements Harmful to the Environment? An Empirical Investigation," at the University of Oxford, Oxford, England, in the Oxford Round Table session on Trade, Growth and the Environment, August 8-13, 2004.

## **Professional Research Conference Presentations**

"International Trade, Immigration and Human Capital: An Efficiency Analysis of the 50 US States," at the Rimini Conference in Economics and Finance 2016: Innovation, Growth, Governance and Development, Waterloo, Canada, September 2016.

"Does the Confucius Institute Network Impact Cultural Distance? A Panel Data Analysis of Cross-Border Flows in and out of China," at the Midwest Economics Association, Evanston, April 2016.

"Do the Intellectual Property Rights of Regional Trading Arrangements Impact Foreign Direct Investment? An Empirical Examination," at the HenU / INFER (International Network for Economic Research) Workshop on Applied Macroeconomics, Henan, China, March 2016 (Presented by Steven Yamarik).

"International Trade, Immigration and Human Capital: An Efficiency Analysis of the 50 US States," at the Italian Economic Association (Societá Italiana degli Economisti) Annual Meeting, Naples, October 2015 (Presented by Camilla Mastromarco).

"International Trade, Immigration and Human Capital: An Efficiency Analysis of the 50 US States," at the Midwest International Economics meetings, University of Kansas, Lawrence, October 2014.

"Do Foreign-Trade Zones in the United States Spillover?" at the Midwest International Economics meetings, Michigan State University, East Lansing, May 2013.

"Cross-border Activities, Human Capital and Efficiency: Evidence from OECD Countries," Rimini Conference in Economics and Finance 2012: Cities, Open

Economies, and Public Policy, Toronto, August 2012 (Presented by Camilla Mastromarco).

"Do Communicable and Non-Communicable Diseases Matter for Foreign Direct Investment Flows?" at the Midwest Economics Association meetings, Chicago, March 2012.

"Cross-border Activities, Human Capital and Efficiency: Evidence from OECD Countries" at the Midwest International Economics meetings, Pennsylvania State University, State College, October 2009.

"FDI and Health: What Matters?" International Health Economists Association Conference, Beijing, China, July 2009 (presented by Francesco Renna).

"Regional Integration versus Unilateral Integration: What Matters for Economic Development?" at the Midwest International Economics meetings, University of Illinois Urbana-Champaign, Champaign, May 2008.

"Foreign Capital, Human Capital and Efficiency: A Stochastic Frontier Analysis for Developing Countries," at the Tenth European Workshop on Efficiency and Productivity, IESEG School of Management, Lille, June 2007 (presented by Camilla Mastromarco).

"Do Regional Trading Arrangements Harm the Environment? Some Preliminary Results," Western Economic Association International Meetings, Beijing, China, January 2007 (presented by Steven Yamarik).

"Endogenous Regional Trading Arrangements and the Quality of the Environment: An Empirical Study" at the Midwest International Economics meetings, University of Kansas, Kansas, October 2005.

"Do Regional Trading Arrangements Harm the Environment? An Empirical Investigation," at the Midwest International Economics meetings, Washington University, St. Louis, October 2004.

"Regional Trading Arrangements and Economic Growth: Is there a Link?" Midwest International Economics meetings, Indiana University Purdue University Indianapolis, May 2004.

"International Trade and Wage Inequalities in the Manufacturing Sector of the United States: Evidence from Panel Unit Root and Cointegration Tests." Midwest International Economics meetings, University of Pittsburgh, May 2003.

"Does Trade Creation Measure Up? A Reexamination of the Effects of Regional Trading Arrangements," Midwest International Economics meetings, University of Notre Dame, October, 2002.

"Are Regional Trading Arrangements Trade Creating? An Application of Extreme Bounds Analysis," Midwest Meetings, Northwestern University, May 2002.

"The Hiring of a Temporary Work Force and its Implications for Organizations," Midwest Economics Association meetings, Chicago, March 2002.

"Regional Trading Arrangements and the Gravity Model: An Extreme Bounds Analysis," Mid-West International Economics meetings, Pennsylvania State University, State Park, October 2001.

"A Sensitivity Analysis of the Gravity Model" with Steve Yamarik, Midwest Economics Association meetings, Cleveland, March 2001.

"International Trade and Wage Inequalities in the Manufacturing Sector of the United States: Evidence from Granger Causality Tests," Midwest International Economics meetings, University of Minnesota, Minneapolis, October 2000.

"The Role of Transaction Costs in Foreign Direct Investment" with Simran Kahai, International Atlantic Economic Association Conference, Charleston, October 2000.

"Responsiveness of the Foreign Exchange Market to New Information: Does Term Structure Matter?" Spring 2000 Midwest International Economics meetings, University of Kentucky, Lexington, May 2000.

"The Causal Relationship between International Trade and Employment in the Manufacturing Sector of the United States," Midwest Economics Association Meetings, Chicago, March 2000.

"Forecasting U.S. Merchandise Trade Balances using Multi-Step-Error Criteria," Midwest Economics Association Meetings, Nashville, March 1999.

"Forecasting with Preliminary Data: A State Space Approach," Midwest Economics Association Meetings, Chicago, March 1998.

"Forecasting with Preliminary Data," Midwest Economics Association Meetings, Kansas City, March 1997.

"The Impact of International Trade on Employment in U.S. Manufacturing States," Midwest Economics Association Meetings, Chicago, March 1996.

"Data Revisions in the United States Trade Balance Announcements: Measurement Errors or Efficient Forecast Errors?" Eastern Economics Association Meetings, Boston, March 1996.

"Employment and International Trade in the United States," Missouri Valley Economic Association Meetings, Memphis, March 1996.

"Personnel Planning for Audit Engagements: An Economic Perspective," Eleventh Annual Research Forum, Washington D.C. Consortium of Business Schools, April 1995

"Data Revision and Market Response: Spot, Forward, and Futures Markets," Midwest Economic Conference, Cincinnati, March 1995.

"Agent Reactions to Revisions in the United States Trade Balance Announcements," Midwest Economic Conference, Chicago, March 1994.

## **Teaching Conference Presentations**

"The Impact of Using an Electronic Response System on Students in Multiple Courses," Celebration of Excellence in Learning and Teaching (CELT) Conference, University of Akron, Ohio, April 2005.

"ConcepTests at the University of Akron," Carnegie Academy for the Scholarship of Teaching and Learning (CASTL) Colloquium on the Scholarship of Teaching and Learning: Evidence of Student Learning, AAHE National Conference on Higher Education, Atlanta, March 16-17, 2005.

"Using ConcepTests and Peer Instruction to Improve Student Learning," Midwest Conference on Student Learning in Economics, The University of Akron, Ohio, Nov 4-5, 2004.

### **Workshop Presentations**

Northeast Ohio Economics Workshop, Cleveland State University, 2008, 2010, 2012 Department of Economics, Kent State University, 2007 Department of Economics, University of Akron, several years Department of Economics, Cleveland State University, 2006 Department of Economics, University of Salento, 2018, 2006

# **TEACHING ACTIVITIES**

## FIELD OF CONCENTRATION

International Trade, International Finance, Macroeconomics

## COURSES TAUGHT

#### The University of Akron

International Trade (graduate) International Monetary Economics (graduate) Principles of International Economics (undergraduate/graduate) Principles of Microeconomics (undergraduate) Principles of Macroeconomics (undergraduate) Principles of Macroeconomics Honors (undergraduate) Money and Banking (undergraduate) Introduction to Economics (undergraduate) Time Series and Forecasting (Independent Course) Special Topics: Economics of Regional Integration (undergraduate/graduate)

#### University of Salento, Italy

Applied International Trade taught in a modular fashion for Doctoral, Masters and *Laurea Specialistica* students

# The University of Kansas

Economics of Money and Banking (undergraduate) Intermediate Macroeconomics (undergraduate)

### **OTHER TEACHING ACTIVITIES**

Independent Studies, Undergraduate and Graduate students

Undergraduate Research Reader, 2007–2018, Senior Capstone Projects of Economics majors

Greg Madonia (2007), "Terrorism's Effect on FDI: Analysis of 96 Countries from 1999 to 2003."

Marc Servodio (2008), "Grab That Cash with Both Hands and Make a Stash": Enticing the Youth in Retirement Plans."

Mike Modon (2009), "Exchange Rate Volatility and Trade Flows Between the US and Countries of the Far East."

Jennifer Doering (2009), "The Effect of Health and FDI on Economic Growth in Developing Countries."

Matt Zuzic (2010), "Exchange Rates and Trade in Central and Eastern Europe."

Chris Meldrum (2011), "International Trade and the Environment."

Karen Pavlisko (2011), "Cotton in a Free Trade World."

Nina Johnson-Kanu (2012), "Does Foreign Aid Affect the Exports of the Recipient Country?"

Brandon Shields (2013), "Citizens or Consumers: the Effects of Public and Private Regulation on the Environment."

Chris Robinson (2013), "The Soviets, Trade and the Environmental Kuznet Curve"

Hayley Roppel (2014), "English as a Lingua Franca in a Preferential Trading Bloc."

Brandon Palmer (2014), "Immigration in European Nations."

Trey Boyd (2015), "Exploring the Impact of Military Expenditure on Unemployment: A Study Disaggregated by Industry."

Ethan Roose (2015), "The Effect of Oil Production on the Relationship between FDI and Corruption."

David Dietrich (2016). "The Trade Creation and Diversion Effects of African RTA Membership."

Jackson Ewing (2016). "The Effect of Corruption on International Trade in Developed and Developing Countries."

Daniel Wyrock (2016). "The Effect of Network on Firm-Level Innovation."

Abdulrahman Abdulfattah (2016). "Trade Openness and Income Inequality."

Coordinator, Summer Graduate Internships in area companies, 2010 to 2017.

Invited Member, Principles of Economics Technology Symposium, Washington, DC, April 2011.

Invited Member, Principles of Economics Focus Group in Chicago organized by McGraw Hill, April 2007.

Grant Awarded to integrate a personal response system in the classroom. Funded by the Center for Collaboration and Inquiry, Institute for Teaching and Learning, The University of Akron, 2004.

# **SERVICE ACTIVITIES**

## **PROFESSIONAL LEVEL**

Referee for Professional Journals: Applied Economics, Canadian Journal of Economics, Contemporary Economic Policy, Economic Letters, Economics Bulletin, Empirical Economics, Environment and Development Economics, International Trade Journal, International Review of Economics and Finance, North American Journal of Economics and Finance, Review of International Economics, Sage Open, World Development, World Economy, International Environmental Agreements: Politics, Law and Economics, Economic Modeling, Research Policy.

Grant Reviewer

Hong Kong Research Council, Hong Kong Institute of Teaching and Learning, The University of Akron

Textbook Reviewer, International Economics by Richard Carbaugh, several editions

Invited Chair, Midwest International Economics Group meetings

External Reviewer for Promotion and Tenure Candidates Department of Economics, University of Michigan-Flint Department of Economics, Grand Valley State University

Invited Speaker, various local forums

External Advisor, Cuyahoga Falls High School Economics Team

Public Information Resource, Cleveland Council on World Affairs

## UNIVERSITY LEVEL

#### **Department of Economics**

Director of Graduate Studies, 2008-2017

Responsible for directing the MA degree program in Economics; Chair, Department Graduate Committee. Primary duties include student recruiting, graduate assistantships, academic advising, curriculum development, internship coordination, job placement coordination, program review coordination, exit interviews, assessment of graduate learning outcomes, and annual alumni networking sessions.

Chair, Assistant Professor Search Committee, 2008-09 and 2012-13 Responsible for leading and directing the search of new assistant professor including selection of members to interview at the national AEA meetings, interviews at the AEA meetings and coordinating campus interviews.

Chair, Tenure and Promotion to Associate Professor Committee, 2007-08 Responsible for conducting all department meetings and coordinating the process leading to tenure and promotion decision of full-time faculty members.

Chair, RTP Committee,2005-06, 2008-09, 2011-12, 2013-14, 2014-15, 2016-17, 2017-18 Responsible for running committee meetings and coordinating the process that leads to the reappointment decisions of several full-time and NTT faculty.

Chair, RTP Guidelines Committee, 2008 Responsible for leading committee to rewrite department RTP guidelines based on best practices in national economics masters-level departments and to conform with University guidelines.

- Member, Department Bylaws Committees, 1997-1999 Responsible for rewriting department bylaws for the first time in 20 years based on best practices in the economics profession.
- Member, Faculty Merit Review Criteria Committee, 2006-07 Responsible for rewriting department criteria for reviewing faculty merit in teaching, research and service for department salary raises.
- Member, Faculty Salary Committee, 1997, 1999, 2007, 2012, 2016 Responsible for reviewing faculty merit and recommending faculty salary raises to the Chair of the economics department.
- Member, Undergraduate Committees, 1999-2004, 2007-08 Responsible for a complete redesign of the undergraduate curriculum in the BA in Economics degree and BS in Labor Economics degree to conform with Hansen proficiencies, a learning outcome criteria for all undergraduate economics majors.
- Member, Graduate Committees, 1995-1999, 2004-05 Responsible for evaluating student applications to the graduate program, program review assessment and curriculum updates.

- Member, Visiting Assistant Professor Search Committee, 2006 Responsible for reviewing and interviewing applications for Visiting Assistant Professor position.
- Member, Department Chair Review Committee, 2008, 2012 Responsible for conducting the 4-year department review of the Department Chair, summarizing results, and writing department recommendation.

#### **College of Business Administration**

Faculty Rights and Responsibilities Committee, 2017-19 Assurance of Learning Steering Committee, 2017-18 Graduate Admissions Committee, 2016-17

#### **Buchtel College of Arts and Sciences**

Dean's SEPSA Committee, 2012 Buchtel College Teaching Award Committee, 2008 Global Degree Curriculum Committee, 2007-08 External Committee Member, Modern Languages Asst. Prof. Search Committee, 2007-08 Buchtel College Council (BCC), Department of Economics representative, 2003-05 BCC Representative, Hearing Board Pool, 2004-05

## The University of Akron

Fulbright Campus Committee for Student Applicants, 2015, 2016, 2017 Invited Speaker, International Student Orientation, 2014 (fall), 2015(spring and fall) Invited Speaker, Student Success in the Classroom Series, 2014 Invited Speaker, Academic Advising, 2014 Invited Speaker, Workplace Wisdom Series, 2013 Board Member, UA Press Editorial Board, 2009-12 Invited Member, Provost's Academic Alignment Project Committee 2007-08 Member, Global Studies Initiative Working Group, 2007-08 Elected Member, Faculty Advisory Committee to the Provost, 2007-08, 2011-12 Invited Member, Carnegie Teaching Academy Ambassador, 1999-2001

## **COMMUNITY LEVEL**

Member, Board of Trustees, Rape Crisis Center of Medina and Summit Counties Volunteer, American Lung Association Volunteer, Western Reserve Academy, Hudson, Pioneer Women's Association

## **PROFESSIONAL MEMBERSHIPS**

American Economic Association (AEA) Midwest International Economics Group (MIEG) International Economics and Finance Society (IEFS) Committee on the Status of Women in the Economics Profession (CSWEP)