

# Brinda Mahalingam, Ph.D.

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## EDUCATION

**Multiple Subject Teacher Credential**, California State University, Fullerton, CA

**Ph.D.** (Economics), University of Colorado, Boulder, Boulder, CO

**M.A.** (Economics), San Jose State University, San Jose, CA

**M. A.** (Economics) Annamalai University, India

**B.A.** (Majors: Economics, Psychology and English) from Bangalore University, Bangalore, India

## ACADEMIC EXPERIENCE

**Lecturer, Department of Accounting, Finance, and Economics, College of Business Administration, The University of Alabama in Huntsville, AL, 2011 – present**

### Teaching

Courses taught include Principles of Macroeconomics (ECN 142) Principles of Microeconomics (ECN 143) Principles of Economics (ECN 600) and Macroeconomic Analysis (ECN 340). Developed curriculum and taught fully online graduate level course, Foundations of Economics (ECN 600) for MBA students. BUS 300 Business transitions, a class for transfer students in their first semester.

### Research

Research on relating energy utilization and GDP using econometric modeling, conducting economic impact studies for regional businesses, city, and state organizations, seek funding for economic impact studies in collaboration with CMER and CBA, supervision and mentorship of research by CBA undergraduate students, lead authorship on research papers for presentation at professional conferences

### Service

Represent and assist CBA in recruitment of undergraduate and graduate students, participate in recruitment activities on campus, and local colleges (Calhoun), seek and disseminate research opportunities for undergraduate students in CBA, represent CBA to local media through interviews as subject matter expert in macroeconomics

**Lecturer, Department of Economics, College of Humanities, Arts, and Social Sciences, University of California, Riverside, CA, 2006 – 2011**

Courses taught include Introduction to Macroeconomics (ECON 2), Principles of Economics (ECON4) Money Banking and Financial Markets (ECON 130), Intermediate Macroeconomics I and II (ECON 103A, B) Intermediate Microeconomics (Econ 102), The Stock Market (Econ 135). Class enrollment range from 100 to 600. Software used for large class lectures includes: MS-Powerpoint, MS-Word, MS-Excel. <http://www.catalog.ucr.edu/catalog2008/Economics.pdf> provides course descriptions

**Instructor, Front Range Community College, Metropolitan State College, and University of Denver, CO, 1996 – 1997**

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Brinda Mahalingam, CV - 2018

Developed and taught courses in macroeconomics, econometrics involving statistical modeling, interacted with college staff in developing course material, coordinating computer-based assignments, led in-class discussions and presentations for over 50 students

**Graduate Research Student, Economics Department, University of Colorado, Boulder, CO, 1991-1996**

As part of Ph.D. dissertation research, retrieved time-series data on financial positions of manufacturing industry appearing in several databases, proposed and developed statistical models to analyze various relationships using econometric techniques, analyzed and interpreted results from computer-based statistical packages to predict relationship between financial positions and production.

## **PROFESSIONAL EXPERIENCE**

**Small Business Entrepreneur and Owner, Yorba Linda, CA, 2003-2005**

Following extensive market research, developed business plan and established a small business under a Franchise, EmbroidMe. Business focused on embroidery, screen printing, and promotional products. Developed marketing and sales strategy, recruited and trained employees, established vendor relationships for supplies and inventory, built a customer base in excess of 500, maintained custom software and hardware necessary for machines and accounts management.

**Analyst, PHB Hagler Bailly Inc., Boulder, CO, 1998 – 2000**

Cost modeling of power industry, forecasting energy and capacity prices for utilities to help make competitive bids and seek financing, asset evaluation, preparation of technically accurate reports for clients. Software tools utilized include SAS, PERL, MS-Excel, MS-Word, MS-Access, & MS-Powerpoint

## **REFEREED JOURNAL PUBLICATIONS**

“Revival of Essay Writing in Economics,” *International Journal of Pluralism and Economics Education*, Vol. 4, No. 2, 2013.

“GDP and Energy Consumption: A panel study of the U.S.”, co-author Dr. Wafa Hakim Orman, *Journal of Applied Energy*, Vol 213, page 208-218, 2018.

## **ECONOMIC IMPACT STUDY REPORTS**

UAH Economic Impact Study, 2012, 2014, conducted with Jeff Thompson, Director of CMER

Rocket City Sportsplex Economic Impact Study 2014, conducted with Jeff Thompson, Director of CMER

US Space and Rocket Center Economic Impact Study, 2015, conducted with Jeff Thompson, Director of CMER.

Cook's Pest Control Economic Impact Study, 2015, conducted with Jeff Thompson, Director of CMER,

Hudson Alpha Economic Impact Study, 2015, conducted with Jeff Thompson, Director of CMER

Economic Impacts of the Economic Development Announcements 2013-2015, 2016, conducted with Jeff Thompson for the City of Huntsville Chamber of Commerce

Analysis of Economic Impact of Industrial Changes for Dekalb County, Alabama 2011 through 2020, 2016 conducted with Jeff Thompson for TARCOG

## **PROFESSIONAL CONFERENCE PRESENTATIONS**

NOTE: UAH Student coauthors mentored by Dr. B. Mahalingam noted with \*\*

“Cummings Research Park and Mallard Fox Creek Industrial Park: Impacts on Employment and Output” (co-authors: Jared Grogan\*\*, Chris Brookshaw\*\*, Jeff Thompson) *Oral Presentation at the Annual Southern Regional Science Association Conference*, Mar 30-Apr1, Memphis TN, 2017.

“City Development: An Impact Model of a Park Re-Development Project” (co-authors: \*\*Megan Sexton, Jeff Thompson) *Oral Presentation at the Annual Mid-Continent Regional Science Association Conference*, May 27-29, St. Louis, MO, 2015.

“GDP and Energy Consumption: Panel data analysis of the 50 states in the US” (co-author: Wafa Orman) *Oral Presentation at the Annual Mid-Continent Regional Science Association Conference*, May 27-29, St. Louis, MO, 2015.

“Forward Price Forecasting: A Dynamic Partial Equilibrium Analysis of Electric Energy and Capacity Markets,” (coauthor: K. Skinner), *Oral Presentation at the USAA/IAEE 20<sup>th</sup> Annual North American Conference*, pp. 137-145, Orlando, FL, August 29-September 1, 1999.

“Nuclear Plants: A Viable Option for the Future?” (coauthor: K. Skinner) *Oral Presentation at the USAA/IAEE 20<sup>th</sup> Annual North American Conference*, Orlando, FL, August 29-September 1, 1999.

“The Role of Financial Capital in Production,” *Oral Presentation at the 70th Annual Western Economic Association International Conference*, San Diego, CA, July 5-9, 1995.

## **OTHER REPORTS**

NOTE: UAH Student coauthors mentored by Dr. B. Mahalingam noted with \*\*

“Economic Indices: An Analysis of the Space Industry” (co-author Emily Sexton) paper to be submitted to the undergraduate journal at UAH, Perpetua and poster submission to the Research Horizon Poster contest at UAH 2018

“Applying Crone Modified State Coincidence Index to the Huntsville MSA” (co-authors Jared Janeway, Anton Derbes) paper to be submitted to the undergraduate journal at UAH, Perpetua and poster submission to the Research Horizon Poster contest at UAH 2018

“Does Trade Openness affect the growth of the economy?” (co-author Jason Kidd) paper to be submitted to the undergraduate journal at UAH, Perpetua and poster submission to the Research Horizon Poster contest at UAH 2018

“A Study of the state of Energy usage and price in Madison County, Alabama, with a perspective of how it compares to the state and country” (co-author: \*\*Ashley Odoms) *Report and Oral presentation to Nexus Energy*, Huntsville, AL, October 2015

“International Trade in North Alabama, Annual Report 2015” (Co-author \*\*Benson Brice) *Report prepared for North Alabama International Trade Association (NAITA)*, July 2015

“Economic Update, North Alabama” Annual report 2014” (Co-author: Dr. Allen Wilhite) *Report prepared for North Alabama International Trade Association (NAITA)*, July 2014

“Economic Update, North Alabama” Annual report 2014” (Co-author: Dr. Allen Wilhite) *Report prepared for North Alabama International Trade Association (NAITA)*, July 2013

**Affiliations:**

Member, Mid-Continent Regional Science Association, Southern Regional Science Association

**MEDIA**

Interviewed by WHNT News 19 (Huntsville, AL) on the Economic Crisis in Greece, July 2, 2015.

Interviewed by WAFF News 48 (Huntsville, AL) on the subject of Local Unemployment, January 16, 2014.