

# Brinda Mahalingam, Ph.D.

Tele (off): (256) 824 5716

e-mail: [brinda.mahalingam@uah.edu](mailto:brinda.mahalingam@uah.edu)

## 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 College of Business 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 College of Business, represent College of Business 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**

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**

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

**Mahalingam, B.**, and W. H. Orman, “GDP and Energy Consumption: A panel study of the U.S.”, , *Applied Energy*, Vol 213, page 208-218, 2018.

Amiri, A., **B. Mahalingam**, A. Derbes, and W. H. Orman, “The impact of long-term exposure to ambient PM2.5 and ozone on respiratory diseases and health expenditure,” submitted to *Nursing Economics*, 2019

### **ECONOMIC IMPACT STUDY REPORTS**

Economic Impact Study of The University of Alabama in Huntsville 2011-2012, 2014-2015, 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.

Estimates of Economic Impact for Cook Museum of Natural Science, 2015, conducted with Jeff Thompson, Director of CMER,

Economic Impact Analysis 2006-2014 for Hudson Alpha Institute for Biotechnology, 2015, conducted with Jeff Thompson, Director of CMER

Economic Impact of Hudson Alpha Institute Phase III Expansion, 2015, conducted with Jeff Thompson, Director of CMER

Financial Returns to City of Decatur from Industries in the Police Jurisdiction Outside City Limits, 2015 conducted with Jeff Thompson

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

Analysis of the Economic Impact of Industrial changes for Dekalb County, Marshall County and Jackson County, Alabama 2011 through 2020, 2016 conducted with Jeff Thompson for TARCOG

Return on Investment on Investment Tax credits, 2018 conducted with Jeff Thompson for The Huntsville Chamber of Commerce

Economic Impact of Toyota Mazda Plant, 2018 conducted with Jeff Thompson for the University of Alabama in Huntsville

Economic Impacts of the Economic Development Announcements 2015-2018 (half year) (Madison, Morgan and Limestone County) 2018 conducted with Jeff Thompson for The Huntsville Chamber and Huntsville International Airport

Economic Impacts of Economic Developments on the City School Districts (half year) (Madison County), 2018 conducted with Jeff Thompson for The Chamber of Commerce, Huntsville

Economic Impact Analysis 2006-2018. 2019 conducted with Jeff Thompson, Director of CMER for Hudson Alpha.

Economic Impacts of the Major Defense & Security-Related Industry in Calhoun County, AL 2018, 2019, conducted with Jeff Thompson for Calhoun County Chamber of Commerce Military Affairs Task Force

Economic Impacts of Indorama Plants in North Alabama for 2017-2019, conducted with Jeff Thompson for Indorama

## **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**

“Madison County Residential Real Estate Report First Quarter April 2018” (co-author Jeff Thompson, Madeline Glosemeyer)

“Madison County Residential Real Estate Report Second Quarter July 2018” (co-author Jeff Thompson, Madeline Glosemeyer)

“Madison County Residential Real Estate Report Third Quarter Sept 2018” (co-author Jeff Thompson, Madeline Glosemeyer)

“Madison County Residential Real Estate Report Fourth Quarter Jan 2019” (co-author Jeff Thompson, Madeline Glosemeyer)

“Madison County Residential Real Estate Report First Quarter April 2019” (co-author Jeff Thompson, Madeline Glosemeyer)

“Madison County Residential Real Estate Report Second Quarter July 2019” (co-author Jeff Thompson, Madeline Glosemeyer)

“Madison County Residential Real Estate Report Third Quarter Sept 2019” (co-author Jeff Thompson)

---

“Madison County Residential Real Estate Report Fourth Quarter Jan 2020” (co-author Jeff Thompson)

“Madison County Residential Real Estate Report First Quarter April 2020” (co-author Jeff Thompson)

“Madison County Residential Real Estate Report Second Quarter July 2020” (co-author Jeff Thompson)

“Madison County Residential Real Estate Report Third Quarter Sept 2020” (co-author Jeff Thompson)

“Huntsville Housing Affordability” August 2019 (co-author Jeff Thompson, Madeline Glosemeyer)

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

“The Pilot Shortage Explained” (co-author Hans Gorowsky) paper published in the undergraduate journal at UAH, Perpetua Spring 2019

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

“Trade Openness Economic Growth” (co-author Jason Kidd) paper published in the undergraduate journal at UAH, Perpetua Fall 2018 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

## **AWARDS**

Collaborative Learning Fellow, UAH, 2017

Open Educational Resource (OER) Award, ACHE/ACCS, 2018

## **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.