

# CURRICULUM VITA

**Duncan M. Chembezi**  
Small Farms Research Center  
College of Agricultural, Life and Natural Sciences  
ALABAMA A&M UNIVERSITY  
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## Professional Profile

Mission-driven educator and applied economist with expertise in a wide range of areas including agricultural and food policy analysis, agricultural price analysis, applied econometrics and econometric methods, quantitative methods, market and demand analysis, cooperative development, input and output analysis, supply response analysis, production economics, resource economics, small farms research, outreach/extension methods, risk analysis and risk management, mathematical economics and programming, including linear and nonlinear programming.

Skilled and accomplished communicator who excels at interacting with diverse audiences with diverse backgrounds including professionals, rural entrepreneurs, small business and agribusiness owners, farmers and ranchers, land owners and students, and motivating them to achieve their educational, professional, career and business goals.

Respected agricultural and applied economist with research focus on small farms research, public policy, food and agricultural policy, agricultural and applied economics, econometric methods, market and price analysis, demand and supply analysis, and production economics.

Computer-proficient researcher and economist with skills and proven experience in statistical and econometric software, including E-Views, SPSS, STAMP, STATA, and various modules of SAS, including ETS, IML, and STAT; skilled in database including Microsoft (MS) Access and SQL; familiarity with Teradata; and working knowledge of Gauss and FORTRAN.

## Current Appointment

**Professor**, Agricultural and Applied Economics, Department of Finance, Agri-Business and Economics (FAE), College of Business and Public Affairs (COBPA), Alabama A&M University, Normal, Alabama.

**Professor and Director**, Small Farms Research Center, Department of Biological and Environmental Sciences (BES), College of Agricultural, Life and Natural Sciences (CALNS), Alabama A&M University, Normal, Alabama.

## Appointment Breakdown

1. Teaching/Instruction: 25%
2. Research: 25%
3. Extension/Outreach: 50%

## Educational Background

Ph.D. 1990 - Agricultural and Applied Economics, University of Missouri-Columbia, Missouri, USA

**Dissertation Title:** *Regional Supply Analysis, Program Participation and Government Policy Variables: An Econometric Investigation of Five U.S. Field Crops* (Major Advisors: **Drs. Abner W. Womack & Jon Brandt**).

M.S. 1985 - Agricultural and Applied Economics, University of Missouri-Columbia, Missouri, USA

**Thesis Title:** *An Econometric Analysis of Producers' Response to Cotton Prices in Malawi* (Major Advisor and Thesis Supervisor: **Dr. Abner W. Womack**).

B.Sc. 1980 - Agricultural Science (Agronomy/Rural Development), University of Malawi, Lilongwe, MALAWI

**Thesis Title:** *Effects of Seedbed Size on Groundnut Yield and Yield Components* (Advisor: **Dr. Todo Edje**).

## Short Courses – Professional Development

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1. *Managing Innovation in Agribusiness*, Kenan-Flagler Business School, University of North Carolina, Chapel Hill, North Carolina, February 2002.
2. *Agricultural Credit Training Seminar*, Farm Credit System, Atlanta, December 1995 and 1996.
3. *Agricultural Project Analysis*, International School for Agricultural and Resource Development (ISARD), Colorado State University, Fort Collins, Colorado, January 1985.
4. *Developing Markets for Agricultural Products*, International School for Economic Development Studies (ISED), Colorado State University, Fort Collins, Colorado, June 4 – July 27, 1984.
5. *Management Communications Seminar*, Washington, D.C., Dec 26, 1983 – January 6, 1984.

## Professional Experience

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**Professor and Director, 2010-Present**, *Small Farms Research Center, College of Agricultural, Life and Natural Sciences (CALNS), Alabama A&M University, Normal, Alabama, USA*

Founder and director of AAMU's Small Farms Research Center with responsibility of daily management and operation of Center activities, including supervision of Center personnel; my research in food and agricultural policy forms the backbone of my outreach and educational programs. As the needs of the state change I steer my research program in that direction. My long-term research interest combines econometric and input-output modeling, food and policy analysis, and small farms business planning and farm profitability analysis. This research thrust serves to better understand the changing dynamics of the economy, assess the impact of those changes, and identify local economic strengths, weaknesses, opportunities and threats. This area of research includes work using general econometrics and IMPLAN, a regional input-output modeling system along with a family of statistical models of regional structure. Given the current and future proposals to fundamentally alter the system of public finance in Alabama and the entire United States, much of my current work has focused on the role of the public sector in community and regional economic growth. My outreach program is built upon and helps steer my research program. The guiding principle of my outreach program is to "help people make more informed decisions". This includes original research to help provide the information base for those decisions, and working closely with Extension county faculty and agents within the Alabama Cooperative Extension System (ACES) to facilitate educational and decision-making processes. I sit on several advisory boards and committees, and my work has received national recognition evidenced by the many awards I have received for my research and outreach work.

**Professor, 2010-Present**, *Department of Finance, Agri-Business and Economics (FAE), College of Business and Public Affairs (CBPA), Alabama A&M University, Normal, Alabama, USA*

Teach, supervise and advise undergraduate and graduate students. I teach classes in food and agricultural policy, agricultural marketing, econometric modeling, farm and agribusiness management, agricultural cooperative, agricultural prices, introduction to agricultural economics, basic economics, principles of microeconomics, etc.; have advised over 100 undergraduate students, 25 M.S. students and 4 doctoral students. Routinely prepare and present research papers at national and international meetings and conferences; and continue to maintain a national and state agricultural policy model for analysis of alternative policy changes on U.S. and Alabama agriculture. I have published and presented over 125 research papers; and have been active in grant writing, securing over \$13 million in federal grants and cooperative agreements (primarily from USDA) since 1996.

**Consultant and Expert Reviewer, 2005-Present**, *The Perkins Group, Inc., Human Resource and Risk Management Consulting Services, Inc., Atlanta, Georgia, USA*

My responsibility is to provide expert opinion based on critical review of a given concept proposal related to crop insurance and agricultural risk management. I routinely provide detailed assessment of the likelihood the concept proposal can reasonably be developed into a viable submission for approval and implementation by the USDA/Risk Management Agency (RMA). I provide informed determination of whether the proposed policy or plan of insurance is significantly different than other available policies, endorsements, or plans of insurance or programs in the private or governmental sectors; determination of whether all the conditions for approval of an advance payment for a specific concept proposal has been met, which includes if the concept proposal will be developed into a policy or plan of insurance and approved by the Board, provide crop insurance coverage in a significantly improved form; to a crop or region not traditionally served by the Federal crop insurance program; or in a form that addresses a recognized flaw or problem in the program. I further make informed assessment and/or determination of whether the proposed policy or plan of insurance would be in the best interests of producers and taxpayers. I make determination of the impact of the proposed policy or plan of insurance on producers, the marketplace, taxpayers, and government for the commodity to be insured. I conduct detailed quantitative and qualitative analyses of past experience available for a similar policy

or plan of insurance covering the same commodity and risks, if available; and make a determination explaining how the risk(s) covered by the policy or plan of insurance conform to the Act and RMA's regulations and procedures. I further make detailed analyses and assessment of the marketability of the proposed policy or plan of insurance. This includes an assessment of whether the data identified as available for rating and pricing purposes is from a credible source, would be available as necessary in the future, and is appropriate and sufficient for rating and pricing purposes; and whether the actuarial methods identified as possibilities for rating and pricing are actuarially appropriate and will work with the specific data identified as applicable.

***Associate Professor and Director, 2004-2010, Small Farms Research Center, Department of Agribusiness, School of Agricultural and Environmental Sciences, Alabama A&M University, Normal, Alabama, USA***

Founder and director of the Small Farms Research Center, responsible for the daily management and operation of the Small Farms Research Center activities within the then School of Agricultural and Environmental Sciences; and was responsible for the supervision of personnel within the Center. Taught, supervised and advised undergraduate and graduate students. Prepared and presented research papers at national and international meetings and conferences. Developed and maintained a national and state agricultural policy model for analysis of alternative policy changes on United States and Alabama agriculture. Had published and presented over 60 research papers.

***Adjunct Professor, 2000-2008, Department of Economics, Finance, and Office Systems Management, Alabama A&M University, Normal, Alabama, USA***

My primary responsibility was to advise students and each semester teach two classes in microeconomics and macroeconomics at Calhoun College in Huntsville, Alabama. I also taught similar causes at Alabama A&M University. I reported directly to the Department Head but maintained autonomy in conducting all the classes which included preparing the curriculum, teaching, student assessment (grading and reporting, and overall student assessment. I also advised three MBA students in 2004-6.

***Adjunct Professor, 2002-2006, Department of Agricultural Economics, Purdue University, West Lafayette, Indiana.***

Served as a key committee member on Dr. Blondel Brinkman's Ph.D. Committee, reporting directly to the Chair of the Department of Agricultural Economics at Purdue University; assisted in guiding the student in study design, proposal development, data collection, analysis and reporting, and in the overall development of and defense of the Ph.D. Dissertation entitled, "Farmland Conversion and Preservation: Implications for the Northeastern United States." My focus and role in this charge was study design, econometric modeling and analysis.

***Research Assistant Professor/Associate Director, 1995-2004, Small Farmers Outreach and Technical Assistance Program, Department of Agribusiness, School of Agricultural and Environmental Sciences, Alabama A&M University, Normal, Alabama, USA***

Founder of the Small Farmers Outreach and Technical Assistance Program at AAMU; and was responsible for the daily management and operation of the small farmers outreach and technical assistance program activities; and supervision of project staff. Taught, supervised and advised undergraduate and graduate students. Prepared and presented research papers at national and international meetings and conferences. Developed and maintained a national and state agricultural policy model for analysis of alternative policy changes on United States and Alabama agriculture. Have published and presented over 100 research papers.

***Postdoctoral Research Associate, 1992-1995, Agricultural Policy Analysis Center (APAC), Department of Agricultural Economics and Rural Sociology, University of Tennessee, Knoxville, USA***

Founding member of the Agricultural Policy Analysis Center (APAC) at the University of Tennessee; and was responsible for specifying, estimating, testing and applying programming and econometric models for agricultural policy analysis; assessed socio-economic impacts of sustainable agriculture; prepared short and long term projections of key economic indicators for the U.S. and its trading partners; coordinated the 1994 National Agricultural and Food Policy Preference Survey and analyzed data for Tennessee; and published and presented over 50 research papers. Overall, I was responsible for analyzing the impacts of alternative policy and market changes on US and Tennessee agriculture. I managed and routinely updated POLYSIM, a policy modeling simulation modeling system. Specific areas of expertise included crops and livestock forecasting, biofuels analysis, technology analysis, and farm level analysis. My technical skills were focused quantitatively on structural partial equilibrium models, scenario analysis, and case study analysis. I routinely analyzed data using POLYSIM and POLYSYS, prepared reports, and presented short and long term forecasts for Tennessee and for the United States.

***Research Associate, 1990-1992, Food and Agricultural Policy Research Institute (FAPRI), Department of Agricultural and Applied Economics, University of Missouri-Columbia, Missouri, USA***

Developed an econometric model for five U.S. field crops (barley, corn, cotton, soybeans and wheat); and prepared and presented short and long term forecasts for United States. I analyzed impacts of alternative policies and economic conditions on United States agriculture. I published and presented over 25 articles and research papers.

**Consultant and Visiting Assistant Professor, September – December, 1991, U.S. Agency for International Development (US-AID), International Food and Agricultural Development (IFAD) Project, Makerere University, UGANDA, East Africa**

Founder, developer and initiator of the Master of Science (M.Sc.) degree program in agricultural economics at Makerere University, Kampala, Uganda. I developed and implemented a consistent postgraduate curriculum, teaching courses in agricultural policy, market and price analysis, intermediate microeconomics, applied econometrics, econometric methods, and econometric modeling. I developed an economics and agricultural database for policy decisions within the Departments of Economics and Agricultural Economics. I demonstrated use of computers in agriculture to both graduate and undergraduate students, faculty and staff in both Departments of Economics and Agricultural Economics. I advised the Department Head (Dr. Manuel Vanegas) and US-AID Resident Representative and Director on matters related to curriculum development.

**Graduate Research Assistant, 1996-1990, Food and Agricultural Policy Research Institute (FAPRI), Department of Agricultural and Applied Economics, University of Missouri-Columbia, Missouri, USA**

Worked closely with FAPRI faculty and researchers, assisting in data collection, analysis and reporting; and also with Drs. Abraham Subotnik, Abner Womack and Jon Brandt in the design and development of doctoral dissertation research entitled, “*Regional Supply Analysis, Program Participation and Government Policy Variables: An Econometric Investigation of Five U.S. Field Crops.*” I identified seven regions, collected and analyzed data on these regions for five major U.S. field crops (cotton, corn, soybeans, wheat and barley) to isolate regional impacts resulting from alternative economic and policy changes. Using FAPRI’s complex econometric and mathematical models, I participated in the development and presentation of FAPRI’s baseline data. The regional model was later incorporated into FAPRI’s overall modeling and policy analysis system. Using the FAPRI modeling framework, I routinely analyzed impacts of alternative policies and economic conditions on United States agriculture. I also prepared and presented short and long term forecasts for United States.

**Planning Economist/Project Evaluation Officer/Senior Economist, 1980-1986, Central Evaluation Unit (CEU), Planning Division, Ministry of Agriculture and Natural Resources (MANR), Lilongwe, MALAWI**

Initiated and administratively discharged the activities of the Central Evaluation Unit (CEU) within the Planning Division (PD) of the Ministry of Agricultural and Natural Resources (MANR). Managed all evaluation units for agricultural and rural development projects within the National Rural Development Program (NRDP) in Malawi; and designed/developed the initial NRDP’s monitoring and evaluation system and coordinated the activities of all evaluation units in the country. I assisted evaluation officers in the country in sampling and survey design, and in conducting sample surveys, data analysis, and reporting. I designed, established and operated a monitoring and evaluation unit for Ntchisi Rural Development Project (NRDP funded by the World Bank. I served as the project’s first evaluation officer and single-handedly coordinated monitoring and evaluation activities of the unit. I worked closely with the National Statistical Office (NSO) and with the Agro-Economic Surveys (AES) Unit of MANR in designing the survey instrument, deriving sampling frame, and in conducting the National Sample Surveys of Agriculture (NSSA). As a planning economist, I prepared projects for funding, and discussed them with donors. I was lead planning economist on multiple projects, conducted cost-benefit analyses for these new projects, and lead discussion with donors including the World Bank, International Agricultural Development Bank, African Development Bank (ADB), U.S. Agency for International Development (US-AID), etc.

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## Honors and Awards

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*Exceptional Service Award* by Secretary Thomas J. Vilsack in Appreciation for Accepting the Call to Serve the Nation and the USDA as a Member of the Beginning Farmers and Ranchers Advisory Committee, December 2015.

*Exceptional Service Award* by Secretary Thomas J. Vilsack in Appreciation for Accepting the Call to Serve the Nation as a Member of the Subcommittee on Land Tenure for the USDA’s Beginning Farmers and Ranchers Advisory Committee, December 2015.

*Who's Who in Agriculture Academia*, [www.AcademicKeys.com](http://www.AcademicKeys.com).

*Top 100 Scientists of 2014*: International Biographical Centre (IBC), St. Thomas’ Place, Great Britain, UK, 2014.

*Exceptional Service Award* by Secretary Thomas J. Vilsack in Appreciation for Exceptional Service on the United States Department of Agriculture's (USDA) Small and Beginning Farmers and Ranchers Advisory Committee (2010-2013), September 2013.

*Distinguished Professional Contribution Award (SAEA Director, 2010-2012)*: Southern Agricultural Economics Association (SAEA), Orlando, Florida, February 4, 2013.

*Presidential Medallion of Commendation*: Presented to **Duncan M. Chembezi** for Efforts Leading to the Awarding of a \$675,491 Grant to Provide Assistance to Beginning Farmers and Ranchers in the Development of Entrepreneurial Skills, Alabama A&M University, January 3, 2013.

*Presidential Medallion of Commendation*: Presented to **AAMU Small Farms Research Center (Duncan M. Chembezi, Director)** for Efforts to Provide Training and Assistance to Beginning Farmers and Ranchers in the Development of Entrepreneurial Skills, Alabama A&M University, January 3, 2013.

*Special Presentation Award*: Langston University Cooperative Extension and Outreach Service, 21<sup>st</sup> Annual Small Farmers Conference, Oklahoma City, Oklahoma, May 2012.

*Certificate of Appreciation for Outstanding Contribution*: Awarded in Making the 6<sup>th</sup> National Small Farm Conference a Success, USDA/National Institute of Food and Agriculture (NIFA), September 2012.

*Best Research Paper Award (2<sup>nd</sup> Place)*, "Exploring Extent of E-Commerce Among Agribusiness Firms in Alabama," International Journal of Arts and Sciences (IJAS), International Conference for Academic Disciplines (ICAD), Las Vegas, Nevada, March 13-16, 2012.

*Excellence in Extension and Public Service Award*: Southern Rural Sociological Association (SRSA), 106<sup>th</sup> Annual Meeting of Southern Association of Agricultural Scientists (SAAS), Atlanta, Georgia, February 2, 2009.

*Dean's Commendation for Excellence in Outreach and Service*: School of Agricultural and Environmental Services, Alabama A&M University, Normal, Alabama, November 2008.

*Dean's Citation for Excellence in Outreach*: 23<sup>rd</sup> Annual Agricultural and Environmental Sciences Week, School of Agricultural & Environmental Sciences, Alabama A&M University, April 22, 2008.

*Presidential Commendation for Excellence in Service*: Alabama A&M University, January 22, 2007.

*Dean's Commendation for Small Farms Research Center*: School of Agricultural & Environmental Sciences, Alabama A&M University, January 10, 2007.

*AAEA Award for Professional Excellence*: 1<sup>st</sup> Place, Graduate Student Section Case Study Competition 2006: American Agricultural Economics Association (AAEA), Long Beach, California, July 2006 (*Student Advisor*).

*2005 Outstanding Black Agricultural Economist (Honorable Mention)*: American Agricultural Economics Association (AAEA), Committee on the Opportunity and Status of Blacks in Agricultural Economics (COSBAE), Providence, Rhode Island, July 2005.

*Outstanding Extension Website Award*: American Agricultural Economics Association (AAEA), Extension Section Outstanding Website Competition, Denver, Colorado, August 2004.

*Outstanding Leadership Award*: Awarded for Participation as a Leader and Advocate of Risk Management Education for Small and Socially Disadvantaged Farmers and Ranchers, Virginia State University, University of Minnesota, National Crop Insurance Services (NCIS) and USDA/Risk Management Agency, March 2004.

*Outstanding Ph.D. Dissertation Award Nominee*: The American Agricultural Economics Association (AAEA) Outstanding Ph.D. Dissertation Award Competition, August 1991.

*Outstanding Ph.D. Dissertation Award*: Department of Agricultural Economics, University of Missouri-Columbia, Columbia, Missouri, December 1990.

## Advisory Boards, Committees and Councils

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**C-FARE Advisory Board Member – 2008-2017**: The Council on Food, Agricultural, and Resource Economics (C-FARE) is a non-profit national organization dedicated to strengthening the national presence of the agricultural economics profession. Its governing board includes prominent agricultural economists representing a wide range of public and private sector interests. C-FARE is a widely-recognized organization which helps agricultural economists to contribute to private and public sector decision making on issues important to agricultural, rural, environmental, food safety and other related societal issues. Its activities encompass the broad interests of the profession such as the economics of food production, distribution, and consumption; international trade and development; natural and human

resources; environmental quality; rural communities and economic development; rural financial markets; agribusiness management; and public policy.

***Editorial Board, 2014-2018.*** Oceanic Journals and African Journal of Agricultural Science and Technology (AJAST) is an open access journal that publishes high-quality solicited and unsolicited articles, in English, in all areas of agriculture including arid soil research and rehabilitation, agricultural genomics, tree fruit production, pesticide science, postharvest biology and technology, seed science research, irrigation, agricultural engineering, water resources management, agronomy, animal science, physiology and morphology, aquaculture, crop science, dairy science, entomology, fish and fisheries, forestry, freshwater science, horticulture, poultry science, soil science, systematic biology, veterinary, virology, viticulture, weed biology, agricultural economics and agribusiness.

***USDA Advisory Committee on Beginning Farmers and Ranchers (ACBFR), 2010-2018.*** Appointed to the Committee by Agriculture Secretary Tom Vilsack, August 12, 2010, reappointed twice in 2013 and also in 2016. The Committee advises the Secretary on ways to develop programs to provide coordinated assistance to beginning farmers and ranchers while maximizing new farming and ranching opportunities. The Committee also works to enhance and expand federal-state partnerships and opportunities to provide financing for beginning farmers and ranchers.

***USDA-ACBFR Subcommittee on Land Tenure, 2015.*** Appointed by USDA Secretary Tom Vilsack. The ***Subcommittee on Land Tenure*** within the ACBFR will do the investigation, research, compilation, and initial assessment of recommendations regarding farm business transition and land tenure. The Subcommittee is composed of members of the ACBFR as well as outside technical experts. The Subcommittee will rely on its outside technical expert members to collect relevant information and prepare it for full Committee review. The full ACBFR will act upon the draft recommendations to formulate final recommendations to transmit to the Secretary of Agriculture.

***NARLF Board of Directors, 2012-2015.*** The North Alabama Revolving Loan Fund (NARLF) supports personal economic independence in north Alabama through the creation of jobs and services. NARLF was founded in 2012 by Neighborhood Concepts, Inc., a Huntsville based non-profit corporation, for the purpose of supporting economic development in north Alabama. It provides microloans for smaller businesses and entrepreneurs to stimulate economic activity throughout the region. NARLF operates from the premise and full understanding that many small businesses encounter roadblocks when seeking start-up or expansion capital. NARLF can provide the financing necessary to encourage businesses and individuals to invest in the future of north Alabama.

***Southern SAWG Board of Directors, 2012-2013.*** The Southern Sustainable Agriculture Working Group, commonly known as Southern SAWG, was founded in 1991 to foster a movement towards a more sustainable farming and food system – one that is ecologically sound, economically viable, socially just and humane. The Board of Directors is responsible for long-range and strategic planning, goal setting, prioritizing and evaluation, financial oversight, funding development, and hiring and firing of the Executive Director. Southern SAWG functions as a regional entity, working with and through hundreds of associated organizations across 13 southern states. It focuses attention on issues and differing perspectives around food production, marketing, and distribution, and brings sustainable solutions to farmers, families and communities in the southern US. The **vision** of SSAWG is a world in which everyone has access to wholesome food from a just, sustainable farming and food system that supports good environmental stewardship and quality of life for all. Its **mission** is to empower and inspire farmers, individuals, and communities in the South to create an agricultural system that is ecologically sound, economically viable, socially just, and humane. SSAWG is committed to including all persons in the South without bias.

***Past Vice President and Director, Missouri Valley Economic Association (MVEA), 2011-2014.*** The MVEA continues to pursue the objective of encouraging the development of economics as a theoretical as well as an applied discipline. The Vice President of the Association is a member of MVEA Executive Committee which sets policy and guidelines for the association consistent with the Association's constitution and by-laws.

***Vice President, Missouri Valley Economic Association (MVEA), 2010-2011.*** The MVEA continues to pursue the objective of encouraging the development of economics as a theoretical as well as an applied discipline. The Vice President of the Association is a member of MVEA Executive Committee which sets policy and guidelines for the association consistent with the Association's constitution and by-laws.

***TAA State Representative, 2010-2014:*** Trade Adjustment Assistance for Farmers (TAA for Farmers) provides free technical assistance to producers of agricultural commodities and to fishermen who have been adversely affected by import competition. If you believe your commodity has suffered a greater than 15% decline in the national average price, or quantity of production, or value of production, or cash receipts compared to the previous three marketing



years; and imports contributed importantly to this decline, [contact USDA Foreign Agricultural Service \(FAS\)](#) to determine if your commodity qualifies for [TAA for Farmers and Fishermen](#).

**SAEA Director (SAEA Executive Committee), 2010-2013.** Southern Agricultural Economics Association (SAEA) Directors provide SAEA Executive Committee with proposed investment strategies, including asset allocation parameters and targets for invested funds; provide the Executive Committee with a proposed set of investment guidelines and performance criteria for each investment asset class and investment manager; provide the Executive Committee with a list of proposed investment managers and investment firms; provide the Executive Committee with an evaluation of the performance of the investment fund, managers and firms; report investment results, including fund manager and firm, to the Executive Committee at the biannual SAEA Executive Committee meetings; and report the investment results to the membership at the SAEA annual meetings, in the SAEA March newsletter and in the Journal of Agricultural and Applied Economics.

**SRRMEC Advisory Council Member – 2008-2009:** The Southern Region Risk Management Education Center (SRRMEC). SRRMEC is a regional Center located in Stephenville, Texas. It is responsible for coordinating risk management education programs throughout the southern region, primarily through a regional competitive grants program, serving the states of *Alabama, Arkansas, Georgia, Florida, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, Puerto Rico and the Virgin Islands*. The 12-member Advisory Council represents stakeholders in the Southern region of the United States as well as Puerto Rico and Virgin Islands in agriculture. Their responsibilities are to set broad policy goals and priorities necessary for the evaluation and delivery of effective risk management knowledge/programs to producers based on expected outcomes and to provide direction for timely, effective center management. The council members are appointed by representatives of the 29 land grant institutions in these thirteen (13) Southern States.

*Editorial Review Board:* Journal of the American Society for Horticultural Science, 2013-15

*Editorial Review Board:* Journal of Food Distribution Research, 2007-14

*Editorial Review Board:* Journal of Rural Social Sciences, 2010-2013

*Technical Review Board:* Journal of Extension, 2006-09

*Technical Reviewer:* International Food and Agribusiness Management Review, 2013-15

*Technical Reviewer:* Australian Journal of Agricultural and Resource Economics, 2013-15

*USDA Small Farm State Coordinator:* Small Farm Program, USDA/NIFA, 2004-Present

*Planning Committee Member:* 5<sup>th</sup>, 6<sup>th</sup> & 7<sup>th</sup> National Small Farm Conference, USDA, 2008-09, 2011-12 & 2015-16

*Taskforce Leader:* Taskforce to Develop a “Guide for Assessing Agricultural Ventures,” ACES, 2013.

## Honorary Positions

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- *Member:* AAEA Nominating Committee, *Agricultural and Applied Economics Association (AAEA)*, 2013-16.
- *Member-at-Large:* Food and Agricultural Marketing Policy Section (FAMPS), *AAEA*, 2009-13.
- *Member:* Economics, Statistics and Information Resources Committee (ESIRC), *AAEA*, 2005-12.
- *Member:* AAEA Membership Committee, *Agricultural and Applied Economics Association*, 2008-11.
- *Member:* Consumer Policy Committee, *American Council on Consumer Interests (ACCI)*, 2007-09.
- *Member-at-Large:* Food Safety and Nutrition (FSN) Section, *AAEA*, 2006-09.
- *Member-at-Large:* AAEA/COSBAE, *Agricultural and Applied Economics Association (AAEA)*, 2007-09.
- *Member and 1890/1994 Director and Representative:* AAEA/Extension Section, 2004-07 and 2010-13.
- *Lead Member:* IT/AV Committee for 2012 Meetings, *SAEA* Annual Meetings, Birmingham, Alabama, 2012.

## Proposal Reviewer and Panelist

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Agribusiness Markets and Trade Program, USDA/NIFA/Agriculture and Food Research Initiative (AFRI), 2009

Specialty Crop Research Initiative, USDA/NIFA/Agriculture and Food Research Initiative, 2009-2011

Small Business Innovation Research (SBIR), USDA/National Institute of Food and Agriculture, 2012-2015

Professional Development Program, Southern Region SARE Program, 2005-2012

Value-Added Producer Grants Program (VAPGP), USDA/Rural Development, 2005-2016

Federal-State Marketing Improvement Program/Specialty Crop Multi-State Program, USDA/AMS, 2016

Farmers Market Promotion Program (FMPP and LFPP), USDA/Agriculture Marketing Service (AMS), 2010-2016

Local Foods Promotion Program (LFPP), USDA/Agriculture Marketing Service (AMS), 2016

Oklahoma Center for the Advancement of Science and Technology (OCAST), 2006-2011

Southern Region Risk Management Education Center (SRRMEC), 2008-2009

Southern Risk Management Education Center (SRMEC), 2010-2014

Agricultural Markets and Trade Program, USDA/National Research Initiative (NRI) 2007  
AFRI Fellowship Program, USDA/NIFA/Agriculture and Food Research Initiative (AFRI), 2013  
Rural Development and Entrepreneurship, USDA/NIFA/Agriculture and Food Research Initiative, 2014-2016  
Higher Education Challenge (HEC) Program, USDA/National Institute of Food and Agriculture, 2016

## Paper/Poster Reviewer and Judge

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Agricultural and Applied Economics Association (Selected Papers Reviewer), 2006-07 & 2009-2013  
Agricultural and Applied Economics Association (Selected Posters Judge), 2005-06 & 2009-2013  
American Council on Consumer Interests (Selected Papers Reviewer), 2006-2012  
American Council on Consumer Interests (Selected Posters Reviewers), 2007-2012  
International Food and Agribusiness Management Association, 2014 14<sup>th</sup> World Forum, Paper Reviewer, 2013-2014  
Australian Journal of Agricultural and Resource Economics (AJARE), Manuscript Reviewer, 2013-2014  
International Academy of Business and Economics (IABE), Paper Reviewer, 2014-2018  
International Food and Agribusiness Management Review, IFAMA (Manuscript Reviewer), 2013-2015  
Journal of Food Distribution Research (JFDR), Manuscript Reviewer, 2006-2010 and 2012-2014  
Southern Agricultural Economics Association (Selected Papers Reviewer), 2005-2014  
Southern Agricultural Economics Association (Selected Posters Reviewer), 2008-2014  
Southern Agricultural Economics Association (Topic Co-Leader – International Trade), 2013-2014  
Southern Agricultural Economics Association (Topic Leader – Rural and Community Development), 2013-2014

## Courses Developed and/or Taught

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|------------------------------------------------------|------------------------------------------------------|
| ▪ Action Research I                                  | ▪ Computers in Agriculture                           |
| ▪ Action Research II                                 | ▪ Economics of Food Distribution                     |
| ▪ Advanced Food and Agricultural Policy              | ▪ Economics of Grain Marketing                       |
| ▪ Applied Regression Analysis                        | ▪ Econometrics and Econometric Modeling <sup>1</sup> |
| ▪ Agribusiness Statistics                            | ▪ Extension Methods                                  |
| ▪ Agricultural Economics                             | ▪ Farm Management                                    |
| ▪ Agricultural Cooperatives <sup>1</sup>             | ▪ Food and Agricultural Policy                       |
| ▪ Agricultural Prices                                | ▪ Internship in Agribusiness                         |
| ▪ Agricultural Modeling and Forecasting <sup>1</sup> | ▪ International Agricultural Development             |
| ▪ Agribusiness Management                            | ▪ International Agricultural Marketing               |
| ▪ Agriculture Leadership                             | ▪ Introduction to Agricultural Economics             |
| ▪ Agricultural Marketing                             | ▪ Introduction to Agricultural Careers               |
| ▪ Agricultural Financing                             | ▪ Market and Price/Policy Analysis <sup>1</sup>      |
| ▪ Agricultural Financial Analysis                    | ▪ Principles of Microeconomics                       |
| ▪ Agricultural Sales                                 | ▪ Principles of Macroeconomics                       |
| ▪ Advanced Agricultural Marketing                    | ▪ Quantitative Applications in Agriculture           |
| ▪ Advanced Agribusiness Management                   | ▪ Research in Agribusiness                           |
| ▪ Advanced Farm Management                           | ▪ Research Methodology                               |
| ▪ Basic Economics                                    | ▪ Special Problems                                   |
| ▪ Commodity Marketing                                |                                                      |

*(<sup>1</sup>Implies courses developed at AAMU)*

## College and University Committees (Service)

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Faculty Senate Representative – SAES/Department of Agribusiness, Alabama A&M University  
Faculty Senate Alternate Representative – SAES/Department of Agribusiness, Alabama A&M University  
Member – Faculty Grievance Hearing Committee – Alabama A&M University  
Chair, Research Committee – SAES/Department of Agribusiness, Alabama A&M University  
Member, Graduate Studies Committee – SAES/Department of Agribusiness, Alabama A&M University  
Member, Curriculum Development Committee – College of Agricultural, Life and Natural Sciences (CALNS)  
Member, Promotion and Tenure Committee – CALNS/Department of Agribusiness, Alabama A&M University  
Member, Curriculum Development Committee – College of Business and Public Affairs (COBPA)  
Member, Recruitment and Retention Committee – College of Business and Public Affairs (COBPA)  
Member, Academic Standards and Curriculum Committee – Alabama A&M University  
Member, Promotion and Tenure Committee – College of Business and Public Affairs (COBPA)



Member, MBA Committee – College of Business and Public Affairs (COBPA)  
Member, Promotion and Tenure Committee – COBPA/Department of Finance and Economics  
Member, Agribusiness and Ag-Economics Committee – COBPA/Department of Finance and Economics  
Leader, Teach-Out Plan – CALNS-COBPA/Department of Finance and Economics, Alabama A&M University  
Leader, Taskforce to Develop a “Guide for Assessing Agricultural Ventures,” ACES

## Professional Affiliations

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Life Member, Southern Agricultural Economics Association (SAEA)  
Life Member, Food Distribution Research Society (FDRS)  
Member, Agricultural and Applied Economics Association (AAEA)  
Member, American Council on Consumer Interests (ACCI)  
Member, Allied Social Sciences Association (ASSA)  
Member, American Economic Association (AEA)  
Member, American Statistical Association (ASA)  
Member, Southern Regional Science Association (SRSA)  
Member, Southern Rural Sociological Association (SRSA)  
Member, Western Agricultural Economics Association (WAEA)  
Member, Northeast Agricultural and Resource Economics Association (NAREEA)  
Member, Council on Food, Agricultural, and Resource Economics (C-FARE)  
Member, Rural Sociological Society (RSS)  
Member, Missouri Valley Economic Association (MVEA)  
Member, Allied Social Sciences Association (ASSA)  
Member, Southeast Decision Sciences Institute (SE-DSI)  
Member, Southern Sustainable Agriculture Working Group (SSAWG)

## MS Thesis and Ph.D. Dissertation Committees

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Coward, Annette P. 1997. “*Minority Agricultural Land Loss in Madison County, Alabama, 1930-1960.*” M.S. Thesis, Alabama A&M University (**Thesis Supervisor** with Befecadu and Wheelock).

Brinkman, Blondel A. 1998. “*An Econometric Model of the U.S. Cotton Market and Implications for Alabama.*” M.S. Thesis, Alabama A&M University (**Advisor and Thesis Supervisor**).

Bukenya, James O. 1998. “*Economic Feasibility of Three Sustainable Approaches to Cotton Production in Northern Alabama.*” M.S. Thesis, Alabama A&M University (**Committee Member** with Joseph Befecadu).

Walters, Lurleen M. 1999. “*Impact of Environmental Policy on Southern Broiler Production and U.S. Trade: An Econometric Analysis.*” M.S. Thesis, Alabama A&M University (**Thesis Supervisor**).

McFarlane, Dionne R. 2002. “*Adoption of E-Commerce Strategies and Implications for Sustainability of Agribusiness Firms in Alabama.*” M.S. Thesis, Alabama A&M University (**Thesis Supervisor**).

Chaverest, E’licia L. 2003. “*Producers Perception on Labeling Genetically Engineered Products.*” M.S. Thesis, Alabama A&M University (**Thesis Supervisor** with Gerald Wheelock).

Lucas, Kamika. 2003. “*Small Farmers Perceptions of Genetically Modified Crops.*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Johnson, Erica R. 2004. “*Profitability of Genetically Engineered Crops among Farmers in North Alabama.*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Nya Ngatchou, Ingrid. 2004. “*Analyzing Agricultural Risk Perceptions among Limited Resource Farmers in Alabama.*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Paudel, Lekhanath. 2004. “*Analysis of the Relationship between Poverty and Income Inequality in Alabama.*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Nzaku, Kilugu. 2004. “*The Role of Quality of Life Amenities in Economic Development in Alabama,*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Brinkman, Blondel A. 2006. “*Farmland Conversion and Preservation: Implications for the Northeastern United States.*” Ph.D. Dissertation, Purdue University, West Lafayette, Indiana (**Committee Member**).

Hannah, Shavon M. 2007. “*Export Demand for U.S. Broilers to Russia with Implications for Alabama,*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Soumare, Ericka Michelle. 2008. “*Assessment of Animal Waste Management Practices at Limited Resource Farms in Alabama.*” M.S. Thesis, Alabama A&M University (**Advisor and Thesis Supervisor**).

Nabulime, Irene. 2009. “*Profitability and Financial Feasibility of Hydroponics as an Alternative Enterprise in Alabama.*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Gooden, Brittany S. 2010. “*Consumer Knowledge and Perception of Farmers’ Market in Northern Alabama.*” M.S. Thesis, Alabama A&M University (**Member and Thesis Supervisor**).

Hill, Anquinette, 2011. “*Estimating Population Change and Income Convergence in the Southern U.S.*” M.S. Thesis, Alabama A&M University (**Committee Member**).

Trimble, Jacquelyn, 2013. “*Willingnes-to-Pay for Organic or Organic-Free Food Products in Metro Alabama*” M.S. Thesis, Alabama A&M University (**Advisor and Thesis Supervisor**).

Vadlamani, Lalita, 2013. “*Usage of Electronic Benefit Transfer Services at Farmers’ Markets in Alabama.*” M.S. Thesis, Alabama A&M University (**Co-Advisor and Thesis Supervisor**).

Washington, Malaika, 2013. “*E-Commerce as a Marketing Strategy by Agribusiness Firms in Alabama.*” M.S. Thesis, Alabama A&M University (**Advisor and Thesis Supervisor**).

Webb, Nyeisha, 2013. “*Consumer Knowledge and Perceptions of the Local Food System in Alabama.*” M.S. Thesis, Alabama A&M University (**Member and Thesis Supervisor**).

Wheeler, Derek, 2013. “*Waste Management Practices Among Small Livestock Operations Alabama.*” M.S. Thesis, Alabama A&M University (**Advisor and Thesis Supervisor**).

## Research Grants and Contracts (1996-16)

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2016-2017: “*Entrepreneurship Education and Leadership Training for Socially Disadvantaged Groups in Rural Alabama,*” **\$171,433**, USDA-RBCS-Rural Development, Socially-Disadvantaged Groups Grants (SDGG) Program, Washington, DC (PI).

2016-2017: “*Risk Management Education Program for Livestock and Specialty Crop Producers in Alabama and Georgia,*” **\$78,928**, USDA/RMA/Risk Management Education Partnerships Program, Washington, DC, (PI).

2016-2018: “*The Systems 360° Initiative: Curriculum Development and Delivery of Land Management Educational Tools for Alabama Cattle Producers,*” **\$74,298**, USDA Southern SARE Professional Development Grant (Co-PI).

2015-2018: “*Mitigating Enrollment and Retention Attrition in Agribusiness for Underrepresented Minority Populations,*” **\$135,076**, USDA/NIFA/HEC Grants Program, Washington, DC (PI).

2016-2017: “*Financial Training and Education for Underserved Alabama Producers,*” **\$20,000**, USDA-Farm Service Agency (USDA-FSA), Washington, DC (PI).

2015-2018: “*Urban Agriculture Initiative: A Nexus for Academic Enhancement, Student Recruitment and Community Engagement*,” **\$150,000**, USDA/NIFA/CBGP, Washington, DC (PI).

2015-2018: “*Southern Training, Education, Extension, Outreach, and Technical Assistance Center to Enhance Produce Safety*,” **\$1,197,751**, USDA/NIFA/Food Safety Modernization Act (FSMA), Washington, DC (Co-PI).

2015-2016: “*Enhancing and Sustaining Farming Opportunities for Veterans and Socially Disadvantaged Farmers and Ranchers in Alabama*,” **\$180,791**, USDA/OAO/Outreach Assistance for Veterans and Socially Disadvantaged Farmers and Ranchers Program, Washington, DC (PI).

2014-2017: “*Implementing an Accessible Online Marketing Tool for Small and Medium-sized Farmers*,” **\$499,998**, USDA/NIFA/Agriculture and Food Research Initiative (AFRI), Washington, DC (Co-PI).

2014-2017: “*National Crop Insurance Services (NCIS) 1890 Scholarship Program*,” **\$10,000**, National Crop Insurance Services (NCIS), Overland Park, Kansas (PI).

2014-2015: “*Business Planning and Marketing Education for Hard-to-Reach Urban Gardeners, Inner-City Youth and Beginning Vegetable Growers*,” **\$46,025**, USDA/NIFA/Southern Risk Management Education Center (SRMEC), University of Arkansas, Little Rock, Arkansas, (PI).

2012-2015: “*Farm Incubator Educational Training Program and Web-based Resource Center for Beginning Farmers and Ranchers*,” **\$675,491**, National Institute for Food and Agriculture (NIFA), Beginning Farmers and Ranchers Development Program (BFRDP), U.S. Department of Agriculture, Washington, DC (PI).

2012-2014: “*Facilitating Equitable Access to USDA Programs, Resources, and Markets for Socially Disadvantaged Farmers and Ranchers in Alabama*,” **\$300,000**, Office of Advocacy and Outreach (OAO), U.S. Department of Agriculture, Washington, DC (PI).

2013-2014: “*Educational Training and Technical Assistance for Socially Disadvantaged Agricultural Producers in Alabama*,” **\$195,730**, USDA-RBCS-Rural Development, Small Socially-Disadvantaged Producer Grants Program, Washington, DC (PI).

2012-2014: “*National Crop Insurance Services (NCIS) 1890 Scholarship Program*,” **\$5,000**, National Crop Insurance Services (NCIS), Overland Park, Kansas, (PI).

2010-2014: “*Academic Enhancement Program for Preparing Human Capital For 21st Century Careers*,” **\$149,977**, Capacity Building Grants (CBG) Program, National Institute of Food and Agriculture (NIFA), U.S. Department of Agriculture (USDA), Washington, DC (PI).

2011-2013: “*Facilitating Equitable Access to USDA Programs, Resources, and Markets for Socially Disadvantaged Farmers and Ranchers in Alabama*,” **\$400,000**, Office of Advocacy and Outreach (OAO), U.S. Department of Agriculture, Washington, DC (PI).

2011-2012: “*Rural Entrepreneurship and Business Development Initiative*,” **\$75,000**, Rural Development/Rural Business-Cooperative Service, U.S. Department of Agriculture, Washington, DC (PI).

2010-2013: “*Enhancing the Viability and Sustainability of Beginning Farmers and Ranchers through Collaboration, Mentoring and Whole Farm Planning*,” **\$675,750**, National Institute for Food and Agriculture (NIFA), U.S. Department of Agriculture, Washington, DC, (Co-PI).

2010-2012: “*Rural Entrepreneurship and Business Development Initiative*,” **\$95,000**, Rural Development/Rural Business-Cooperative Service, U.S. Department of Agriculture, Washington, DC, (PI).

2010-2011: “*Risk Management Education and Community Outreach for Minority and Socially Disadvantaged Agricultural Producers in Alabama*,” **\$85,000**, Risk Management Agency (RMA)/Community Outreach and Assistance Partnership Program, U.S. Department of Agriculture, Washington, DC, (PI).

2009-2012: *“Enhancing and Sustaining Profitability of Minority and Underserved Farmers and Ranchers in Alabama,”* **\$300,000**, CSREES/U.S. Department of Agriculture, Washington, DC, (PI).

2009-2012: *“Rural Entrepreneurship & Business Development Initiative,”* **\$115,000**, Rural Development/Rural Business-Cooperative Service, U.S. Department of Agriculture, Washington, DC, (PI).

2009-2012: *“Assisting Minority Land Owners and Limited Resource Producers in Alabama,”* **\$18,000**, Farm Service Agency (FSA)/U.S. Department of Agriculture, Washington, DC, (PI).

2008-2012: *“Community Outreach and Technical Assistance for Small and Limited Resource Farmers and Ranchers,”* **\$300,000**, CSREES/U.S. Department of Agriculture, Washington, DC, (P).

2008-2010: *“Survival Strategies for Small and Minority Farms through Education and Outreach,”* **\$30,000**, CSREES/USDA/Capacity Building/Tennessee State University, Nashville, TN, (PI).

2008-2009: *“Rural Entrepreneurship and Business Development Initiative,”* **\$75,000**, Rural Development/Rural Business-Cooperative Service, U.S. Department of Agriculture, Washington, DC, (PI).

2007-2010: *“Promoting Innovative Strategies to Preserve Minority Land and Sustain Small Farms in Alabama,”* **\$300,000**, CSREES/U.S. Department of Agriculture, Washington, DC, (PI).

2007-2009: *“Rural Entrepreneurship and Business Development Initiative,”* **\$100,000**, Rural Development, Rural Business-Cooperative Service (RBCS), U.S. Department of Agriculture, Washington, DC, (PI).

2007-2009: *“North Alabama Risk Management Education Program,”* **\$50,000**, RMA/TAMU/Southern Region Risk Management Education Center, USDA/RMA/Texas A&M University, Stephenville, TX, (PI).

2007-2008: *“Risk Management and Community Outreach Program for Minority and Underserved Agricultural Producers in Alabama,”* **\$180,000**, RMA/Community Outreach and Assistance Partnership Program, U.S. Department of Agriculture, Washington, DC, (PI).

2006-2007: *“Risk Management Education Program for Farm Forestry, Minority Land Owners and Underserved Agricultural Producers in Alabama,”* **\$150,000**, USDA/Risk Management Agency, Washington, DC, (PI).

2005-2009: *“Effective Outreach and Management Strategies to Ensure Survival of Small and Limited Resource Farms,”* **\$300,000**, CSREES/U.S. Department of Agriculture, Washington, DC, (PI).

2005-2007: *“North Alabama Risk Management Education Program,”* **\$40,000**, RMA/TAMU/Southern Region Risk Management Education Center, USDA/RMA/Texas A&M University, Stephenville, TX, (PI).

2005-2007: *“Assessment of Health and Safety of Black Farmers in the Southern Coastal Region: Minority Farmers Survey,”* **\$27,000**, NIOSH/North Carolina A&T State University, (PI).

2005-2006: *“North Alabama Risk Management Education Program for Limited Resource and Underserved Agricultural Producers,”* **\$180,000**, USDA/Risk Management Agency (RMA)/Civil Rights and Community Outreach, Washington, DC, (PI).

2005-2006: *“Risk Management Education Program for Livestock and Specialty Crops Producers in Alabama,”* **\$145,000**, USDA/Risk Management Agency, Washington, DC, (PI).

2005-2006: *“Opportunities and Constraints to Rural Development: Exploring the Linkages between Small Farms and Rural Communities in the Southeast Region.”* **\$100,000**, CSREES/NRICGP, U.S. Department of Agriculture (USDA), Washington, DC, (Co-PI).

2004-2008: *“Small Farmers Outreach Training and Technical Assistance Program,”* **\$300,000**, CSREES/U.S. Department of Agriculture, Washington, DC, (PI).

2004-2005: “*North Alabama Risk Management Education Program for Limited Resource and Underserved Agricultural Producers*,” **\$125,000**, USDA/Risk Management Agency (RMA)/Civil Rights and Community Outreach, Washington, DC, (PI).

2003-2007: “*Small Farmers Outreach Training and Technical Assistance Program*,” **\$200,000**, CSREES/U.S. Department of Agriculture, Washington, DC, (PI).

2003-2006: “*Spatial and Economic Analysis of Urbanization of Agricultural Land in North Alabama*,” **\$299,976**, USDA/CSREES, Washington, DC, (Co-PI).

2003-2004: “*North Alabama Risk Management Education Program for Limited Resource and Underserved Agricultural Producers*,” **\$150,000**, USDA/Risk Management Agency (RMA)/Civil Rights and Community Outreach, Washington, DC, (PI).

2002-2004: “*Food Safety Education for the Hard-to-Reach and Underserved Communities*,” **\$100,000**, CSREES/U.S. Department of Agriculture, Washington, DC, (PI).

2002-2004: “*Food Safety Education for Goat Producers in Underserved Communities in Alabama and Tennessee*,” **\$68,421**, USDA/Food Safety Inspection Service, Washington, DC, (Co-PI).

2002-2003: “*North Alabama Risk Management Education Program for Limited Resource and Underserved Agricultural Producers*,” **\$115,000**, USDA/Risk Management Agency (RMA)/Civil Rights and Community Outreach, Washington, DC, (PI).

2002-2003: “*Targeted Commodity Partnerships for Risk Management Education*,” **\$98,000**, United States Department of Agriculture (USDA), Risk Management Agency, Washington, DC, (PI).

2001-2004: “*Strengthening the Alabama Integrated Policy Model of Agriculture*,” **\$155,132**, United States Department of Agriculture (USDA), CSREES, Washington, DC, (PI).

2001-2003: “*North Alabama Risk Management Education Program for Small Farmers and Underserved Communities*,” **\$25,000**, USDA/RMA/Civil Rights and Community Outreach, Washington, DC, (PI).

2001-2003: “*North Alabama Risk Management Education Program*,” **\$22,500**, Southern Region Risk Management Education Center, USDA/RMA/Texas A&M University, Stephenville, (PI).

2001-2003 “*Small Farmers Outreach Training and Technical Assistance Program*,” **\$276,822**, United States Department of Agriculture (USDA), Office of Outreach, Washington, DC, (Co-PI).

2001-2003: “*Bridge Grant: Strengthening a Collaborative Proposal on Small and Medium Sized Farms*,” **\$15,500**, USDA/IFAFS/CSREES/Tennessee State University, Nashville, (PI).

2000-2005: “*Southern AgBiotech Consortium for Underserved Communities*,” **\$3,648,914**, U.S. Department of Agriculture, IFAS/CSREES, Washington, DC, (Co-PI).

1999-2000: “*Partnership Agreement between USDA/Farm Service Agency and Alabama A&M University*,” **\$70,000**, USDA/Farm Service Agency (FSA), Washington, DC, (PI).

1997-2001: “*Development and Operation of Alabama State Model of Agriculture*,” **\$295,243**, United States Department of Agriculture (USDA), CSREES, Washington, DC, (PI).

1996-2000: “*Small Farmers Outreach Training and Technical Assistance Program*,” **\$415,000**, United States Department of Agriculture (USDA), NRCS, Washington, DC, (PI).

## Selected Journal Publications

Gyawali, Buddhi R., Anquinette Hill, Swagata “Ban” Banerjee, **Duncan M. Chembezi**, James O. Bukenya, Colmore Christian, and Maifan Silitonga, ‘Examining Rural-Urban Population Change in the Southeastern United States’, *Journal of Rural Social Sciences*, 28(2), 2013, pp. 90-121.

Gyawali, Buddhi R., Anquinette Hill, Swagata “Ban” Banerjee, **Duncan M. Chembezi**, James O. Bukenya, Colmore Christian, and Maifan Silitonga, ‘Exploring Variations in Income Growth in Southeastern United States’, *Journal of Geography and Regional Planning*, Vol. 6(4), June, 2013, pp. 142-148.

**Chembezi, Duncan M.** and E’licia L. Chaverest, ‘Preference for Mandatory Labeling of GM Products by Agricultural Producers in the Southeast United States.’ Published in the *Conference Proceedings of the 8<sup>th</sup> Hawaii International Conference on Business*, ISSN# 1-539-722X, 2008:1280-1299.

**Chembezi, Duncan M.**, E’licia L. Chaverest, Gerald Wheelock, Govind Sharma, Ellene Kebede and Fisseha Tegegne, ‘An Econometric Evaluation of Producers’ Preferences for Mandatory Labeling of Genetically Modified Food Products,’ *Journal of Food Distribution Research*, Volume 39(1) 2008: 36-44.

Soumare, Ericka and **Duncan M Chembezi**, “Assessment of Waste Management Practices at Limited Resource Farms in Alabama,” Published in the Proceedings of the International Symposium on Air Quality and Waste Management for Agriculture by the *American Society of Agricultural and Biological Engineers (ASABE)*, MI, 2007.

Ngathou, Ingrid Nya, James O. Bukenya and **Duncan M. Chembezi**, ‘Managing Agricultural Risk: Examining Information Sources Preferred by Limited Resource Farmers,’ *Journal of Extension*, 44(6), December 2006.

McFarlane, Dionne, **Duncan Chembezi** and Joseph Befecadu. ‘Internet Adoption and Use of Electronic Commerce by Agribusiness Firms in Alabama,’ *Journal of Agricultural and Applied Economics*, 35(2)(2003), pp 430.

**Chembezi, Duncan M.** ‘Alternative Crops for Small Farmers.’ Organized Symposium “Emerging Issues, Trends and Viability of Small Farm Operations,” *Journal of Agricultural and Applied Economics*, 35(2) (2003), pp 448.

Walters, Lurleen M. and **Duncan M. Chembezi**. “Policy Regulations and Southern Broiler Production.” Alabama A&M University. Published abstract in “*Hidden Voices: Linking Research, Practice and Policy to the Everyday Realities of Rural People*”, Annual Meeting Program and Abstracts. Southern Rural Sociological Association 30th Annual Meeting, Lexington, KY, January 30-February 2, 2000.

Brinkman, Blondel & **Duncan M Chembezi**, ‘Impact of Payment Decoupling in the U.S. Cotton Sector and Implications for Alabama.’ *American Journal of Agricultural Economics*, 81(5) (1999), pp 1327.

Brinkman, Blondel & **Duncan M Chembezi**, ‘Impact of Payment Decoupling in the U.S. Cotton Sector and Implications for Alabama.’ *Journal of Agricultural and Applied Economics*, 31(2) (1999), pp 407.

**Chembezi, Duncan M.**, and Joyce A Cacho. ‘Alternative Price Expectation Formulation and Information Access.’ *Journal of Agricultural and Resource Economics*, 22(2) (1997), pp 396.

**Chembezi, Duncan M.**, Annette Coward and J Befecadu. ‘Information Access and Rationality of Alternative Price Expectations in the U.S. Soybean Market.’ *Agricultural and Resource Economics Review*, 27(2) (1997), pp 265.

**Chembezi, Duncan M.**, Robert Pendergrass, Scott Bush, Jorge Huarachi, and Daryll E. Ray, ‘State, Community, and Farm-Level Impacts of Increasing Cigarette Excise Tax: The Case of Tennessee, Virginia and Ohio.’ *American Journal of Agricultural Economics*, 77(1995), pp 1393.

De La Torre Ugarte, Daniel G., **Duncan M Chembezi**, Mike R. Dicks, and Daryll E. Ray, ‘A GIS Analysis of Policy Alternatives for CRP Acreage.’ *Journal of Agricultural and Applied Economics*, 27(1)(1995), pp 339.

Bhat, M.G., **Duncan M Chembezi**, Daniel G. De La Torre Ugarte & Daryll E. Ray, ‘Economic Impacts of a Cigarette Tax Increase on U.S. Tobacco Industry.’ *Journal of Agricultural and Applied Economics*, 27(1)(1995), pp 315.

**Chembezi, Duncan M.**, and Daryll E. Ray, 'Program Participation and Acreage Decisions under Risk,' *American Journal of Agricultural Economics*, 76(5)(1994):1259-60.

**Chembezi, Duncan M.** 'Regional Supply Elasticities and Changes in Cropping Pattern.' *Journal of Agricultural and Applied Economics*, 26(1)(1994), pp 324.

**Chembezi, Duncan M.** 'Rational Versus Composite Expectations in Agriculture: The Case of U.S. Soybean Market.' *The Journal of Economics*, 20(1) (Spring 1994):89-99.

**Chembezi, Duncan M.**, and Daryll E. Ray. 'Program Participation and Acreage Decisions under Risk,' *American Journal of Agricultural Economics*, 76(5)(1994):1259-60.

**Chembezi, Duncan M.** 'Regional Supply Elasticities and Changes in Cropping Pattern.' *Journal of Agricultural and Applied Economics*, 26(1)(1994), pp 324.

**Chembezi, Duncan M.**, and Daryll E. Ray, 'A Two-Step Simulation Analysis of Selected Policy Options of the 1990 Farm Legislation.' *American Journal of Agricultural Economics*, 75(5)(1993), pp 1310.

**Chembezi, Duncan M.**, and Abner W. Womack, 'Incorporating Policy Variables in Supply Response Models: An Empirical Comparison of Alternative Vintage Specifications.' *American Journal of Agricultural Economics*, 75(5)(1993), pp 1310.

**Chembezi, Duncan M.** 'Composite Price Expectations and the U.S. Soybean Market.' *Journal of Agricultural and Resource Economics*, 18(2)(1993), pp 301.

**Chembezi, Duncan M.**, Daniel De La Torre Ugarte, and Daryll E. Ray, 'What Price the 1993 Flood?' *Agri Finance*, 35(8) (1993):46-49.

**Chembezi, Duncan M.**, and A. W. Womack, 'Regional Acreage Response for U.S. Corn and Wheat: The Effects of Government Programs.' *Southern Journal of Agricultural Economics*, 24(1) (1992):187-198.

**Chembezi, Duncan M.**, and Abner W. Womack, 'Program Participation and Acreage Response Functions for U.S. Corn: A Regional Econometric Analysis.' *Review of Agricultural Economics*, 13(2) (1991):259-75.

**Chembezi, Duncan M.** 'Modeling Acreage Response with Risk Consideration: The Case of Estate Tobacco in Malawi.' *Agricultural Systems*, 36(4) (1991):427-38.

**Chembezi, Duncan M.** 'Acreage Response to Price and Risk: The Case of Tobacco in Malawi.' *European Review of Agricultural Economics*, 18(1) (1991):85-102.

**Chembezi, Duncan M.** 'Estimating Fertilizer Demand and Output Supply for Malawi's Smallholder Agriculture.' *Agricultural Systems*, 33(4) (1990): 293-314.

**Chembezi, Duncan M.**, and Abner W. Womack, 'An Analysis of Supply Response among Cotton Growers in Malawi.' *Agricultural Systems*, 23(1) (1987):123-44.

## Selected Papers, Posters and Organized Symposia

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**Chembezi, Duncan M.** and E'licia L. Chaverest, "Challenges and Approaches to Working with Hard-to-Reach Agricultural Producers," An agribusiness outreach research report presented at the *WERA-72 Annual Meeting: Agribusiness Research Emphasizing Competitiveness and Profitability*, Fort Collins, CO, June 5-7, 2016

Chaverest, E'licia L., and **Duncan M. Chembezi**, "Innovative Funding Opportunities for New and Beginning Farmers," A Paper Presented at the 2016 Extension Risk Management Education National Conference, Fort Worth, Texas, April 27-28, 2016.



Chaverest, E'licia L., and **Duncan M. Chembezi**, "Business Planning and Marketing Education for Urban Gardeners and Beginning Vegetable Growers," A Poster Presented at the 2016 Extension Risk Management Education National Conference, Fort Worth, Texas, April 27-28, 2016.

**Chembezi, Duncan M.**, E'licia L. Chaverest and Enefiok Ekanem, "Another Look at Market Planning and Marketing of Fresh Produce," A Selected Paper presented at the *2016 Academic and Business Research Institute (AABRI) Conference*, San Antonio, Texas, March 30 – April 2, 2016.

**Chembezi, Duncan M.**, E'licia L. Chaverest and Enefiok Ekanem 'Business Planning and Marketing Education for Urban and Beginning Vegetable Producers.' A Selected Poster presented at the *International Conference Academic Disciplines (ICAD)*. *International Journal of Arts and Sciences*, University of Nevada Student Union, Las Vegas, Nevada, March 21-25, 2016.

**Chembezi, Duncan M.**, Blondel A. Brinkman, and Gregory Gregg Ibendahl, "Nexus of the Local Food System, Small Farm Agriculture and the New Farm Legislation," *Extension/COSBAE Organized Symposium, Agricultural and Applied Economics Association*, 2015 AAEA & WAEA Joint Annual Meeting, San Francisco, CA, July 26-28, 2015.

**Chembezi, Duncan M.**, E'licia L. Chaverest, and JaMarkus Crowell, "Business Planning as a Risk Management Tool for Urban Gardeners," A Poster Presented at the 2015 Extension Risk Management Education National Conference, Minneapolis, Minnesota, April 29-30, 2015.

Chaverest, E'licia L., and **Duncan M. Chembezi**, "Alabama Women-In-Agriculture," A Paper Presented at the 2015 Extension Risk Management Education National Conference, Minneapolis, Minnesota, April 29-30, 2015.

Brinkman, Blondel A., and **Duncan M. Chembezi**, "A Reflection on the Agricultural/Applied Economics Profession through the Lens of Our Veterans," *CWAE/COSBAE Organized Symposium, Agricultural and Applied Economics Association*, 2014 AAEA Annual Meeting, Minneapolis, Minnesota, July 27-29, 2014.

Crane, Laurence M., **Duncan M. Chembezi**, and Blondel A. Brinkman, "Effective Approaches to Working with Hard-to-Contact Limited Resource Farmers and Ranchers," *COSBAE/CWAE Organized Symposium, Agricultural and Applied Economics Association (AAEA)*, 2014 AAEA Annual Meeting, Minneapolis, MN, July 27-29, 2014.

**Chembezi, Duncan M.** "Environmental and Water Quality Impacts of Waste Management Practices by Small Farms in Alabama," A Research Poster Presented at the *13<sup>th</sup> Annual Hawaii International Conference on Social Sciences (HICSS)*, Honolulu, Hawaii, May 28-31, 2014.

**Chembezi, Duncan M.**, Lalitha Vadlamani, and E'licia L. Chaverest, "Examining the Use of Electronic Benefit Transfer (EBT) Services at Farmers' Markets in Alabama," A Research Poster Presented at the *14<sup>th</sup> Annual Hawaii International Conference on Business (HICB)*, Honolulu, Hawaii, May 22-25, 2014.

**Chembezi, Duncan M.**, E'licia L. Chaverest, and JaMarkus Crowell, "Educational Training Needs of Beginning Farmers and Ranchers in Alabama," A Poster Presented at the 2014 Women in Agriculture Educators' National Conference, Indianapolis, Indiana, April 2-3, 2014.

Crane, Laurence M., and **Duncan M. Chembezi**, "Crop Insurance and Farm Programs," *Extension/COSBAE Organized Symposium of the Agricultural and Applied Economics Association (AAEA)*, 2011 AAEA and NAREA Joint Annual Meeting, Pittsburgh, Pennsylvania, July 24-26, 2011.

Gooden, Brittany S., **Duncan M. Chembezi**, and Joseph Befecadu. 'Consumers' Perceptions of Farmers' Markets in North Alabama: Preliminary Survey Results.' Selected paper presented at the *Missouri Valley Economics Association (MVEA)* 47<sup>th</sup> Annual Meetings, St. Louis, Missouri, October 28-30, 2010.

**Chembezi, Duncan M.**, E'licia L. Chaverest, and Brittany S. Gooden. 'Elements of Market Planning and Agricultural Produce Marketing.' Selected paper presented at the *2010 Annual Conference of the Food Distribution Research Society (FDRS)* at the Hilton Sandestin Beach Golf Resort & Spa, Sandestin, Florida, October 16-20, 2010.

**Chembezi, Duncan M.**, and E'licia L. Chaverest, 'Market Planning and Marketing of Fresh Produce,' Selected paper presented at the *2010 Academic and Business Research Institute (AABRI) Conference*, Orlando, Florida, September 23-25, 2010.

Westhoff, Patrick and **Duncan M. Chembezi**, "Climate Change Legislation: Food Sector Impacts," *Food and Agricultural Marketing Policy Section (FAMPS) Organized Symposium of the Agricultural and Applied Economics Association (AAEA)*, 2010 AAEA, CAES, & WAEA Joint Annual Meeting, Denver, Colorado, July 24-28, 2010.

**Chembezi, Duncan M.**, Deacue Fields III, Henry Bahn, Dave Weatherspoon and Maria Marshall "Opportunities and Challenges for Small Farmers Seeking to Fill the Local Food Demand: Where Do Agricultural Economists Fit in the Local Food Movement?" *COSBAE Organized Symposium of the Agricultural and Applied Economics Association (AAEA)*, 2010 AAEA, CAES, & WAEA Joint Annual Meeting, Denver, Colorado, July 24-28, 2010.

**Chembezi, Duncan M.**, Doris Newton, Blondel A. Brinkman and Davis, Economist, "COSBAE's Role and Legacy of Achievements within AAEA," *Organized Symposium of the Agricultural and Applied Economics Association (AAEA)*, 2010 AAEA-CAES-WAEA Joint Annual Meeting, Denver, Colorado, July 24-28, 2010.

Brinkman, Blondel A. and **Duncan M. Chembezi**, "Emerging and Current Issues in Agricultural Biotechnology," *COSBAE Organized Symposium of the Agricultural and Applied Economics Association (AAEA)*, 2010 AAEA-CAES-WAEA Joint Annual Meeting, Denver, Colorado, July 24-28, 2010.

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