

# 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

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**Mission-driven educator and applied economist** with skills and expertise in a wide range of areas including agricultural and food policy, applied econometrics and econometric methods, quantitative methods, market and demand analysis, marketing and cooperative development, input and output analysis, production and resource economics, small farms research, outreach/extension methods, agricultural risk management, mathematical economics and programming, including linear and nonlinear programming. Respected and thorough agricultural and applied economist with research focus primarily on public policy, food and agricultural policy, agricultural and applied economics, and econometric methods. Research interests are diverse multidisciplinary and relate to commodity programs, resource dependency and inequality, farm business profitability and efficiency, public policy and leadership, participatory research and community development. **Compassionate leader, consensus builder, skilled decision maker** who is willing to delegate and take responsibility, **effective communicator with excellent interpersonal skills** and a desire to empower others to make decisions. I embrace and encourage **participatory decision making** and excel at interacting with audiences with diverse backgrounds including professionals, entrepreneurs and agribusiness owners and/or farmers, students, and general public, and motivating them to achieve their educational, professional, business and/or career goals. I embrace a leadership style that encourages creativity, freedom of action and innovation, providing the efforts are consistent with the mission and values of the whole department and organization. I encourage openness and a willingness to tolerate and even encourage healthy debate. **Recognized nationwide by peers and recipient of several honors and awards of excellence** in teaching, research and extension/outreach work. **Computer-proficient researcher, applied economist, educator, and effective leader** with strong grantsmanship, computers and quantitative 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.

## Educational Background

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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* (Advisors: **Drs. Abner W. Womack and 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 - Agriculture (Agronomy, Rural Development, Project Planning and Evaluation), University of Malawi, Lilongwe, MALAWI.

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

## Current Academic Appointment

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**Professor**, Agricultural and Applied Economics, Department of Community and Regional Planning, College of Agricultural, Life and Natural Sciences (CALNS), Alabama A&M University, Normal, Alabama.

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

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

## Appointment Breakdown

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

## Short Courses and Workshops – Professional Development

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1. *Climate Change Economics Training Workshop*: Continuing Education Program, American Economic Association/Allied Social Sciences Association, Annual Conference, San Diego, California, 2020.
2. *Planning and Creating a Winning Grant Proposal – Do's and Don'ts of Integrated Approach*: A Pre-Conference Workshop. Agricultural and Applied Economics Association Annual Conference, Atlanta, Georgia, July 21-23, 2019
3. *Food Safety Alliance (PSA) Advanced Training*: USDA-FDA Food Safety Modernization Act (FSMA) Training and Implementation, University of Florida, 2019.
4. *Produce Safety Alliance (PSA) Trainer*: USDA-FDA Food Safety Modernization Act (FSMA) Training and Implementation, Washington State University, 2018.
5. *Managing Innovation in Agribusiness*, Kenan-Flagler Business School, University of North Carolina, Chapel Hill, North Carolina, February 2002.
6. *Agricultural Credit Training Seminar*, Farm Credit System, Atlanta, December 1995 and 1996.
7. *Agricultural Project Analysis*, International School for Agricultural and Resource Development (ISARD), Colorado State University, Fort Collins, Colorado, January 1985.
8. *Developing Markets for Agricultural Products*, International School for Economic Development Studies (ISEDS), Colorado State University, Fort Collins, Colorado, June 4 – July 27, 1984.
9. *Management Communications Seminar*, Washington, D.C., Dec 26, 1983 – January 6, 1984.

## Honors and Awards

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**2021 SRMEC Projects of Excellence Award** by Southern Risk Management Education Center in recognition for project directors' exceptional leadership on impactful outreach efforts. *Southern Agricultural Economics Association (SAEA)* Annual Meeting, Irving, Texas, February 6-9, 2021.

**2020 SRMEC Projects of Excellence Award** by Southern Risk Management Education Center in recognition for project directors' exceptional leadership on impactful outreach efforts. *Southern Agricultural Economics Association (SAEA)* Annual Meeting, Louisville, Kentucky, January 31-February 5, 2020.

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

**Who's Who in Agriculture Academia 2016**, [www.AcademicKeys.com](http://www.AcademicKeys.com).

**Top 100 Scientists of 2014**: International Biographical Centre, 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 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, Las Vegas, NV, March 13-16, 2012.

**Excellence in Extension and Public Service Award**: Southern Rural Sociological Association, 106<sup>th</sup> Annual Meeting of Southern Association of Agricultural Scientists (SAAS), Atlanta, GA, 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*, Long Beach, California, July 2006 (*Student Advisor*).

**2005 Outstanding Black Agricultural Economist (Honorable Mention):** *American Agricultural Economics Association*, 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.

## Professional Experience

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**2009-Present: Professor and Director**, Small Farms Research Center, College of Agricultural, Life and Natural Sciences (CALNS), Alabama A&M University, Normal, Alabama, USA

Founder and director of AAMU 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 our 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.

**2018-Present: Professor**, Department of Community and Regional Planning, College of Agriculture, Life and Natural Sciences (CALNS), Alabama A&M University, Normal, Alabama, USA

Teach, supervise and advise undergraduate and graduate students. Teach UPL 310 (Urban Economic Analysis) and UPL 103 (The Community and You). Have previously taught 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. published and presented over 150 research papers; and an active grant writer, securing over \$24 million in federal grants and cooperative agreements since 2000.

**2009-Present: Professor**, Department of Accounting and Finance, College of Business and Public Affairs (COBPA), Alabama A&M University, Normal, Alabama, USA

Teach, supervise and advise undergraduate and graduate students. Taught ECO 200, ECO 231 and ECO 232. Previously have taught 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 prepared and presented research papers at national and international conferences; and continue to maintain a national and state agricultural policy model for analysis of alternative policy changes on U.S. and Alabama agriculture. published and presented over 150 research papers; and an active grant writer, securing over \$24 million in federal grants and cooperative agreements (primarily from USDA) since 2000.

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

Provide expert opinion based on critical review of a given concept proposal related to crop insurance and agricultural risk management. 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/RMA. Provide informed determination of whether the proposed policy or plan of insurance is significantly different than other available policies, endorsements, or plans of insurance 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. Determine of the impact of proposed policy or plan of insurance on producers, the marketplace, taxpayers, and government for the commodity to be insured. Conduct detailed quantitative and qualitative analyses of past experience available for a similar policy 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. Make detailed analyses and assessment of the marketability of the proposed policy, including an assessment of whether the data is from a credible sources, 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.

**2004-2009: Associate Professor and Director**, 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. Published and presented over 60 research papers.

**2000-2008: Adjunct Professor**, Department of Economics, Finance, and Office Systems Management, College of Business and Public Affairs, 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 courses 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.

**2002-06: Adjunct Professor**, Department of Agricultural Economics, Purdue University, W. Lafayette, IN

Key committee member on Dr. Blondel Brinkman's Ph.D. Dissertation 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 and defense of the Dissertation entitled, "*Farmland Conversion and Preservation: Implications for the Northeastern United States.*" My focus and role were study design, econometric modeling and analysis.

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

**1992-1995: Postdoctoral Research Associate**, 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.

**1990-1992: Research Associate**, 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. Analyzed impacts of alternative policies and economic conditions on US agriculture. Published and presented 25 articles and research papers.

**September – December 1991: Consultant and Visiting Assistant Professor**, 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.

**1996-1990: Graduate Research Assistant**, 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. 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 US agriculture. Prepared and presented short/long-term forecasts for United States.

**1980-1986: Planning Economist/Project Evaluation Officer/Senior Economist**, 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 within the Planning Division 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. Lead planning economist on multiple projects, conducted cost-benefit analyses for current and new projects, and lead discussions with donors and donor agencies including the World Bank, International Agricultural Development Bank, African Development Bank (ADB), U.S. Agency for International Development (US-AID), etc.

## Advisory Boards, Committees and Councils

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**USDA Advisory Committee on Minority Farmers. 2020-Present:** The committee works in the interest of the public to ensure socially disadvantaged farmers have equal access to USDA programs. The committee advises the Secretary on: the implementation of section 2501 of the Food, Agriculture, Conservation and Trade Act of 1990 (7 U.S.C. 2279); methods of maximizing the participation of socially disadvantaged farmers or ranchers in USDA programs; and civil rights activities within USDA, as such activities relate to participants in USDA programs. Members of the committee are appointed for 2-year terms by the Secretary. The committee members are composed of socially disadvantaged farmers or ranchers, representatives from nonprofit organizations, civil rights professionals, and representatives from institutions of higher learning.

**Southern SAWG Board of Directors, 2012-2013 and 2018-Present.** 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.

**C-FARE Advisory Board Member – 2008-17 & 2019 - Present:** The Council on Food, Agricultural, and Resource Economics 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; 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, biology, veterinary, virology, viticulture, weed biology, agricultural economics and agribusiness.

**USDA Advisory Committee on Beginning Farmers and Ranchers (ACBFR), 2010-2018:** Appointed by Agriculture Secretary Tom Vilsack, August 12, 2010, reappointed in 2013 and 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. It also works to enhance and expand federal-state partnerships and opportunities to provide financing for beginning farmers.

**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 relied on its outside technical expert members to collect relevant information and prepare it for full Committee review, and 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 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.

**Past Vice President and Director, Missouri Valley Economic Association, 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 provided free technical assistance to producers of agricultural commodities and to fishermen who have been adversely affected by import competition. If a producer believed their commodity had 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, producers worked with [USDA Foreign Agricultural Service \(FAS\)](#) to determine if their commodity qualified for [TAA for Farmers and Fishermen](#) and received appropriated compensation.

**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 was a regional Center located in Stephenville, Texas. It was 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 Council represented stakeholders in the Southern region as well

as Puerto Rico and Virgin Islands in agriculture. Their responsibilities were 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 were appointed by representatives of the 29 land grant institutions in the 13 Southern States.

*Editor/Reviewer:* International Journal of Agricultural Research, Sustainability & Food Sufficiency 2018-21

*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, United States Department of Agriculture (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*, 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, AL., 2012.

## Proposal Reviewer and Panelist

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- Tribal Colleges Research Grants Program, USDA/National Institute of Food and Agriculture, 2018.
- Exploratory: Exploratory Research Grants Program, USDA/NIFA, 2018
- Agribusiness Markets and Trade Program, USDA/NIFA/AFRI, 2009
- Specialty Crop Research Initiative, USDA/NIFA/AFRI, 2009-2011
- Small Business Innovation Research (SBIR), USDA/NIFA, 2012-2017
- Professional Development Program, Southern Region SARE Program, 2005-2012
- Value-Added Producer Grants Program (VAPGP), USDA/Rural Development, 2005-2018
- Federal-State Marketing Improvement Program/Specialty Crop Multi-State Program, AMS, 2016-18
- Farmers Market Promotion Program (FMPP and LFPP), USDA-AMS, 2010-2016
- Local Foods Promotion Program (LFPP), USDA/Agriculture Marketing Service (AMS), 2017
- 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), 2013-18
- Rural Development and Entrepreneurship, USDA/NIFA/AFRI, 2014-2018
- Higher Education Challenge Program, USDA/National Institute of Food and Agriculture, 2016-17.

## Paper/Poster Reviewer and Judge

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- Agricultural and Applied Economics Association (Selected Papers Reviewer), 2006-07 & 2009-18
- Agricultural and Applied Economics Association (Selected Posters Judge), 2005-06 & 2009-18
- American Council on Consumer Interests (Selected Papers Reviewer), 2006-12
- American Council on Consumer Interests (Selected Posters Reviewers), 2007-12
- International Food and Agribusiness Management Association, World Forum, Reviewer, 2013-14
- Australian Journal of Agricultural and Resource Economics (AJARE), Manuscript Reviewer, 2013-14
- International Academy of Business and Economics (IABE), Paper Reviewer, 2014-18
- International Food and Agribusiness Management Review, IFAMA (Manuscript Reviewer), 2013-15
- Journal of Food Distribution Research (JFDR), Manuscript Reviewer, 2006-2010 and 2012-14
- Southern Agricultural Economics Association (Selected Papers Reviewer), 2005-14
- Southern Agricultural Economics Association (Selected Posters Reviewer), 2008-14
- Southern Agricultural Economics Association (Topic Co-Leader – International Trade), 2013-14
- Southern Agricultural Economics Association (Leader – Rural & Community Development), 2013-14

## Courses Developed and/or Taught

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| <ul style="list-style-type: none"> <li>▪ Action Research I</li> <li>▪ Action Research II</li> <li>▪ Advanced Food and Agricultural Policy</li> <li>▪ Applied Regression Analysis</li> <li>▪ Agribusiness Statistics</li> <li>▪ Agricultural Economics</li> <li>▪ Agricultural Cooperatives<sup>1</sup></li> <li>▪ Agricultural Prices</li> <li>▪ Agricultural Modeling and Forecasting<sup>1</sup></li> <li>▪ Agribusiness Management</li> <li>▪ Agriculture Leadership</li> <li>▪ Agricultural Marketing</li> <li>▪ Agricultural Financing</li> <li>▪ Agricultural Financial Analysis</li> <li>▪ Agricultural Sales</li> <li>▪ Advanced Agricultural Marketing</li> <li>▪ Advanced Agribusiness Management</li> <li>▪ Advanced Farm Management</li> <li>▪ Basic Economics</li> <li>▪ Commodity Marketing</li> <li>▪ Computers in Agriculture</li> </ul> | <ul style="list-style-type: none"> <li>▪ Economics of Food Distribution</li> <li>▪ Economics of Grain Marketing</li> <li>▪ Econometrics and Econometric Modeling<sup>1</sup></li> <li>▪ Extension Methods</li> <li>▪ Farm Management</li> <li>▪ Food and Agricultural Policy</li> <li>▪ Internship in Agribusiness</li> <li>▪ International Agricultural Development</li> <li>▪ International Agricultural Marketing</li> <li>▪ Introduction to Agricultural Economics</li> <li>▪ Introduction to Agricultural Careers</li> <li>▪ Market and Price/Policy Analysis<sup>1</sup></li> <li>▪ Principles of Microeconomics</li> <li>▪ Principles of Macroeconomics</li> <li>▪ Quantitative Applications in Agriculture</li> <li>▪ Research in Agribusiness</li> <li>▪ Research Methodology</li> <li>▪ Special Problems</li> <li>▪ The Community and You</li> <li>▪ Urban Economic Analysis</li> </ul> |
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*(<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 – 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
- Member, Promotion and Tenure Committee – 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 – 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 (NAREA)
- 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**).

Amunigun, Aminat A, 2019. “*The Interrelationship Between Foreign Direct Investments (FDI), Agricultural Productivity and Economic Growth in Nigeria Between 1980-2016.*” Master of Urban and Regional Planning Thesis, Department of Community and Regional Planning, Alabama A&M University (**Committee Member**).

Herbert, Jeran, 2019. “*Assessing Urbanization and Food and Nutrition Security in a Sustainable Development Context in Latin America and the Caribbean.*” Master of Urban and Regional Planning (MURP) Thesis, Department of Community and Regional Planning, Alabama A&M University (**Committee Member**).

## **Research Grants and Contracts, 1996-2020 – [\$24,383,908]**

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2020-2021: “**F-A-R-M Education: Financial and Risk Management Education for Minority Populations and Limited Resource Producers Underserved by Crop Insurance,**” **\$100,000**, USDA/NIFA/ERME/Southern Risk Management Education Center (SRMEC), University of Arkansas, Little Rock, Arkansas, (PI).

2020-2021: “**Phase II: Estate and Farm Succession Planning and the Next Generation of Farmers in Alabama,**” **\$50,000**, USDA/NIFA/Southern Risk Management Education Center (SRMEC), University of Arkansas, Little Rock, Arkansas, (PI).

2019-2022: “**Advancing Farming Opportunities and Facilitating Access to Programs and Outreach Assistance for Veterans and Minority Producers in Alabama.**” **\$621,641**, USDA/OPPE/Outreach Assistance for Veterans and Socially Disadvantaged Farmers and Ranchers Program, Washington, DC (PI).

2018-2020: “**Risk Management Strategies and Crop Insurance Training for Alabama’s Socially Disadvantaged Producers Risk Management,**” **\$99,461**, USDA/RMA/Risk Management Education Partnerships Program, Washington, DC, (Co-PI).

2018-2021: “Southern Regional Center for Food Safety Training, Outreach and Technical Assistance Continuation, and Lead Regional Coordination Center” **\$1,000,000**, USDA-NIFA-Food Safety Outreach Program (FSOP), Washington, DC, (Co-PI).

2018-2022: “**Digital Marketing and Social Media Communication to Enhance Competitiveness and Profitability of Small and Medium-Size Specialty Crop Farms**” **\$500,000**, USDA-NIFA-Agriculture Food Research Initiative (AFRI), Food Safety Outreach Program, Washington, DC (PI)

2017-2021: “FSMA Education and GAP Training Targeting Small and Limited Resource Specialty Crop Growers” **\$450,000**, USDA-NIFA-FSOP Competitive Grants Program, Washington, DC, (PI).

2017-2021: “*Strengthening Training and Sustaining Farming Opportunities for Veterans and Limited Resource Populations through Collaboration and Mentoring*” **\$600,000**, Beginning USDA-National Institute of Food and Agriculture, BFRDP, Washington, DC, (PI).

2018-2021: “*Facilitating Access to Capital, Markets and Programs for Veterans and Underserved Minority Producers in Alabama’s Strike-Force Communities*,” **\$200,000**, USDA/OAO/Outreach Assistance for Veterans and Socially Disadvantaged Farmers and Ranchers Program, Washington, DC (PI).

2018-2019: “*Farmland Succession Planning and Risk Management Infrastructure for the Next Generation of Farmers*,” **\$50,000**, USDA/NIFA/Southern Risk Management Education Center (SRMEC), University of Arkansas, Little Rock, Arkansas, (PI).

2018-2019: “*Financial Literacy Training for Veterans and Socially Disadvantaged Producers in Alabama*,” **\$49,978**, USDA/NIFA/Southern Risk Management Education Center (SRMEC), University of Arkansas, Little Rock, Arkansas, (Co-PI).

2018-2019: “*Outreach and Technical Assistance for Socially Disadvantaged Limited Resources Producers in Alabama*,” **\$15,000**, USDA-Natural Resources Conservation Services (NRCS), Washington, DC (Co-PI).

2017-2018: “*Risk Management Education for Limited Resource and Socially Disadvantaged Producers in Strike-Force Communities in Alabama*,” **\$50,000**, USDA/NIFA/Southern Risk Management Education Center (SRMEC), University of Arkansas, Little Rock, Arkansas, (PI).

2016-2018 “*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).

2016-2018: “*Risk Management Education Program for Livestock and Specialty Crop Producers in Alabama and Georgia*,” **\$78,928**, USDA/RMA/RME 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).

2015-2019: “*Mitigating Enrollment and Retention Attrition in Agribusiness for Underrepresented Minority Populations*,” **\$135,076**, USDA/NIFA/HEC Grants Program, Washington, DC (PI).

2014-2018: “*National Crop Insurance Services (NCIS) 1890 Scholarship Program*,” **\$15,000**, National Crop Insurance Services (NCIS), Overland Park, Kansas (PI).

2016-2018: “*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/FSOP Grants Program, 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, 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 Program, National Institute of Food and Agriculture, U.S. Department of Agriculture, Washington, DC (PI).

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

2011-2012: “*Rural Entrepreneurship and Business Development Initiative*,” **\$75,000**, USDA/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, (PI).

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

2010-2011: *“Risk Management Education and Community Outreach for Minority and Socially Disadvantaged Agricultural Producers in Alabama,”* **\$85,000**, USDA/RMA, Community Outreach and Assistance Partnership Program, 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 and Business Development Initiative,”* **\$115,000**, Rural Business-Cooperative Service, U.S. Department of Agriculture, Washington, DC, (PI).

2009-2012: *“Assisting Minority Landowners 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, Tennessee, (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, 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 Landowners and Underserved Agricultural Producers in Alabama,”* **\$150,000**, USDA/RME, 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/RMA/Civil Rights/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**, 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/RMA/Civil Rights/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/RMA/Civil Rights /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).

## Books and Book Reviews

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**Survey of Economics, 1<sup>st</sup> Edition, 2020**, by **Joseph McGarrity**, SAGE Publishing Company, 1000 Oaks, California, USA, [www.sagepublishing.com](http://www.sagepublishing.com).

## Selected Journal Publications

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Oluwoye, Jacob, **Duncan M. Chembezi** and Bernice Herbert, ‘Consumer Perception of Organic Food Products and Purchase Behavior of Shopping in Outlets of Retail Chains: A Pilot Study of Huntsville, Alabama’, *International Journal of Agricultural Research, Sustainability, and Food Sufficiency (IJARSFS)*, Volume 4(3), 2017, pp 165-173.

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 **D. M Chembezi**, "Assessment of Waste Management Practices at Limited Resource Farms in Alabama," 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, D, **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, D.**, A. Coward and J. Befecadu. 'Information Access and Rationality of Alternative Price Expectations in 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, D.G., **D. M Chembezi**, M. 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., **D. M Chembezi**, D.G. De La Torre Ugarte & D. 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.

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**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, "Use of Social Media Communication Strategies by Agribusiness Firms." A Selected Research Paper presented at the *Applied Business and Entrepreneurship Association International (ABEAI) 17<sup>th</sup> Annual Conference*, Marriott Resort Wailea Beach, Hawaii, November 21-24, 2020 (**Paper Presentation and Abstract**).

Chaverest, E'licia L. and **Duncan M Chembezi**. "Agri- Entrepreneurship: Growing Agribusinesses and New and Beginning Farmers During Covid-19." A Selected Research Paper presented at the *Applied Business and Entrepreneurship Association International (ABEAI) 17<sup>th</sup> Annual Conference*, Marriott Resort Wailea Beach, Hawaii, November 21-24, 2020 (**Paper Presentation and Abstract**).

**Chembezi, Duncan M.** and E'licia L. Chaverest, "Use of Social Media and Digital Marketing Strategies by Agribusiness Firms in the United States." A Selected Poster presented at the American Association of Behavioral and Social Sciences Conference (AABSS), Sponsored by the University of Nevada at Las Vegas' (UNLV's) College of Liberal Arts, Flamingo Hotel and Casino, Las Vegas, Nevada, February 24–25, 2020 (**Poster Presentation and Abstract**).

**Chembezi, Duncan M.** and E'licia L. Chaverest, "Review of Digital Marketing and Use of Social Media Strategies by Small and Medium-Size Agribusiness Firms." A Selected Research Paper presented at the *Applied Business and Entrepreneurship Association International (ABEAI) 16<sup>th</sup> Annual Conference*, Kauai Marriott Resort and Beach Club, Lihue, Hawaii, November 16-19, 2019 (**Paper Presentation and Abstract**).

**Chembezi, Duncan M.**, E'licia L. Chaverest and Armitra Jackson-Davis. "Challenges and Opportunities of Produce Safety Rule Compliance: Lessons from the FSMA Education and Training for Fresh Produce Entrepreneurs." A Selected Paper Presented at the Applied Business and Entrepreneurship Association International (ABEAI) 16<sup>th</sup> Annual Conference at Kauai Marriott Resort and Beach Club, Lihue, Hawaii, November 16-19, 2019 (**Paper Presentation and Abstract**).

Krug, M., K. Schneider, M. Danyluk, R. Goodrich Schneider, T. Chapin, A. Harder, A. Jackson-Davis, L. Kassama, **Duncan Chembezi**, E. Myles, A. Philyaw-Perez, K. Woods, C. Carter, J. Northcutt, K. Baker, K. Sargeant, M. Harrison, J. Harrison, A. Mohan, P. Vijayakumar, M. Newman, A. Adhikari, K. Fontenot, C. Graham, J. Silva, C. Gunter, E. Guterrez-Rodriguez, B. Chapman, P. Tripp, R. Jadeja, D. Jaroni, L. Feliciano Orellana, M. Plaza, A. Wszelaki, M. Morgan. A. Fouladkhan, R. Fleming, T.M. Taylor, A. Castillo, J. Masabni, B. Vaughn, F. Malekian, L. Strawn, A. Vallotton, and R. Williams. A Southern training, education, extension, outreach, and technical assistance center to enhance produce safety. Southeast Regional Fruit and Vegetable Conference, Savannah, GA, January 2019 (**Poster Presentation**).

K.R. Schneider, M.D. Danyluk, R. Goodrich Schneider, T. Chapin, A. Harder, A. Jackson-Davis, L. Kassama, **Duncan Chembezi**, E. Myles, A. Philyaw-Perez, K. Woods, C. Carter, J. Northcutt, K. Baker, K. Sarjeant, M. Harrison, J. Harrison, A. Mohan, P. Vijayakumar, M. Newman, A. Adhikari, K. Fontenot, C. Graham, J. Silva, C. Gunter, E. Gutierrez-Rodriguez, B. Chapman, P. Tripp, R. Jadeja, D. Jaroni, I. Feliciano Orellana, M. Plaza, A. Wszelaki, M. Morgan, A. Fouladkhah, R. Fleming, T.M. Taylor, A. Castillo, J. Masabni, B. Vaughn, F. Malekian, L. Strawn, A. Vallotton, and R. Williams. Southern Regional Center for Food Safety Training, Outreach, and Technical Assistance. 2019 National Consortium for Produce Safety Program Development, NASDA, Orlando, FL, March 2019 (**Poster Presentation**).

Krug, M., K. Schneider, M. Danyluk, R. Goodrich Schneider, T. Chapin, A. Harder, A. Jackson-Davis, L. Kassama, **Duncan Chembezi**, E. Myles, A. Philyaw-Perez, K. Woods, C. Carter, J. Northcutt, K. Baker, K. Sargeant, M. Harrison, J. Harrison, A. Mohan, P. Vijayakumar, M. Newman, A. Adhikari, K. Fontenot, C. Graham, J. Silva, C. Gunter, E. Gutierrez-Rodriguez, B. Chapman, P. Tripp, R. Jadeja, D. Jaroni, L. Feliciano Orellana, M. Plaza, A. Wszelaki, M. Morgan, A. Fouladkhan, R. Fleming, T.M. Taylor, A. Castillo, J. Masabni, B. Vaughn, F. Malekian, L. Strawn, A. Vallotton, and R. Williams. A Southern training, education, extension, outreach, and technical assistance center to enhance produce safety. Southeast Regional Fruit and Vegetable Conference, Savannah, GA, p. 5-6 (**Published Abstract**).

K.R. Schneider, M.D. Danyluk, R. Goodrich Schneider, T. Chapin, A. Harder, A. Jackson-Davis, L. Kassama, **Duncan Chembezi**, E. Myles, A. Philyaw-Perez, K. Woods, C. Carter, J. Northcutt, K. Baker, K. Sarjeant, M. Harrison, J. Harrison, A. Mohan, P. Vijayakumar, M. Newman, A. Adhikari, K. Fontenot, C. Graham, J. Silva, C. Gunter, E. Gutierrez-Rodriguez, B. Chapman, P. Tripp, R. Jadeja, D. Jaroni, I. Feliciano Orellana, M. Plaza, A. Wszelaki, M. Morgan, A. Fouladkhan, R. Fleming, T.M. Taylor, A. Castillo, J. Masabni, B. Vaughn, F. Malekian, L. Strawn, A. Vallotton, and R. Williams. Southern Regional Center for Food Safety Training, Outreach, and Technical Assistance. 2019 National Consortium for Produce Safety Program Development, NASDA, Orlando, FL, p.2-3 (**Published Abstract**).

**Chembezi, Duncan M.** and E'licia L. Chaverest. "Evaluation of E-Commerce Adoption by Agribusiness Firms in the Southern United States." Paper prepared for presentation at the *2018 International Academy of Business and Economics (IABE)* Conference in Las Vegas, Nevada, December 15-17, 2018.

**Chembezi, Duncan M.** and E'licia L. Chaverest. "Current Use of Digital Marketing and Social Media Communication by Agribusiness Firms: An Environmental Scan and Communications Audit." Selected paper presented at the *55<sup>th</sup> Annual Meeting of the Missouri Valley Economic Association (MVEA)*, Memphis Tennessee, November 1-3, 2018.

**Chembezi, Duncan M.**, and E'licia L. Chaverest. "An Econometric Analysis of Internet and E-Commerce Adoption by Agribusiness Firms in the Southern United States." Paper Presentation at Applied Business and Entrepreneurship Association International 15<sup>th</sup> Annual Conference in Kona, HI, November 15-18, 2018.

**Chembezi, Duncan M.**, Mohammed Ibrahim, and E'licia L. Chaverest, "Environmental Scan and Communications Audit of Digital Marketing and Social Media Communication in Agribusiness: A Preliminary Assessment." Selected paper accepted for presentation at the Academic OASIS/IAABR – LAS VEGAS International Multidisciplinary Academic Conference, Las Vegas, Nevada, October 20-22, 2018.

**Chembezi, Duncan M.** and E'licia L. Chaverest, "Role of Food Hubs and Farmers Markets in Serving Economically Depressed and Underserved Urban Communities," A Selected Poster Presented at the 2018 Urban Food Systems Symposium, 615 Washington Avenue SE, Minneapolis, MN 55414, August 8-11, 2018.

**Chembezi, Duncan M.** and E'licia L. Chaverest, "Business Planning and Marketing Education for Aspiring Inner-City Youth and Urban Community Gardeners," A Selected Poster Presented at the 2018 Urban Food Systems Symposium, 615 Washington Avenue SE, Minneapolis, MN 55414, August 8-11, 2018.

Chaverest, E'licia L. and **Duncan M. Chembezi**, "New and Beginning Farmers and Ranchers Program: Training and Assisting Urban Farmers in Alabama," A Selected Poster Presented at the 2018 Urban Food Systems Symposium, 615 Washington Avenue SE, Minneapolis, MN 55414, August 8-11, 2018.

**Chembezi, Duncan M.**, E'licia L. Chaverest, "Developing Risk Management Infrastructure and Enhancing Business Skills for Under-served Agricultural Producers," A Selected Poster Presented at the 2018 Extension Risk Management Education National Conference, Milwaukee, Wisconsin, April 10-12, 2018.

Chaverest, E'licia L., and **Duncan M. Chembezi**, "Financial Literacy Training for Socially Disadvantaged Beginning Farmers in Alabama," A Selected Paper Presented at the 2018 Extension Risk Management Education National Conference, Milwaukee, Wisconsin, April 10-12, 2018.

**Chembezi, Duncan M.** and E'licia L. Chaverest, "Exploring Business Planning for Urban Entrepreneurs and Community Gardeners". Paper presented at the Center for Scholastic Inquiry, International Academic Research Conference (IARC), Savannah, Georgia, April 10-12, 2018.

**Chembezi, Duncan M.**, and E'licia L. Chaverest, Enefiok Ekanem and Mary Mafuyai-Ekanem "Aligning Farm Produce Marketing with Market Planning: Preliminary Results," A Paper Presented at the International Journal of Arts and Sciences (IJAS) Conference for Business and Economics, University of Nevada, Las Vegas, March 12-16, 2018.

**Chembezi, Duncan M.** and E'licia L. Chaverest, "Business Planning as a Risk Management Strategy for Livestock and Specialty Crop Producers in Underserved Communities." A Selected Poster Presented at the 2017 Extension Risk Management Education National Conference, Cincinnati, Ohio, April 27 – 28, 2017.

**Chembezi, D. M.** & E 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, MN, 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," *COSBAE/CWAE Organized Symposium, Agricultural and Applied Economics Association*, 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* at the Hilton Sandestin Beach Golf Resort & Spa, FL, 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 **D. M. Chembezi**, “Climate Change Legislation: Food Sector Impacts,” *Food and Agricultural Marketing Policy Section (FAMPS) Organized Symposium of the Agricultural and Applied Economics Association*, 2010 AAEA, CAES, & WAEA Joint Annual Meeting, Denver, CO, July 24-28, 2010.

**Chembezi, D. M.**, D. Fields III, H. Bahn, D. Weatherspoon and M. 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*, 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.

**Chembezi, Duncan M.** and E. L. Chaverest, ‘Market Fresh Produce Planning and Marketing,’ A Selected paper presented at the 10<sup>th</sup> *Annual Hawaii International Conference on Business*, Waikiki Beach Marriott Resort & Spa, Honolulu, HI, May 26-30, 2010.

Chaverest, E’licia L., and **Chembezi, Duncan M.**, ‘Opinions and Knowledge of Biotechnology by Science College Students.’ Selected paper presented at the 10<sup>th</sup> *Annual Hawaii International Conference on Business*, Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, May 26-30, 2010.

**Chembezi, Duncan M.** and E’licia L. Chaverest, ‘Market Planning and Produce Marketing.’ Selected paper presented at the *International Conference of the Global Business Development Institute (GBDI)* in Las Vegas, Nevada, March 21-24, 2010.

**Chembezi, Duncan M.** and E’licia L. Chaverest. ‘Awareness and Perception of Agricultural Biotechnology by Science College Students in the South.’ Selected paper presented at the *International Conference Academic Disciplines (ICAD)*. *International Journal of Arts and Sciences*, University of Nevada Student Union, Las Vegas, Nevada, March 15-18, 2010.

Brinkman, Blondel A. and **Duncan M. Chembezi**, “Traceability and the Animal Identification System: Safeguarding the U.S. Animal Industry,” *Organized Symposium of the Southern Agricultural Economics Association (SAEA)* Annual Meetings, Orlando, Florida, February 6-9, 2010.

**Chembezi, Duncan M.** and E’licia Chaverest, ‘Market Planning and Marketing Your Produce,’ A Selected Paper presented at the 5<sup>th</sup> *National Small Farm Conference: Roadmap to Success for Small Farmers and Ranchers*, Springfield, IL, Sept. 15-17, 2009.

Tegegne, Fisseha., Enefiok Ekanem, S. P. Singh, Roy Bullock, A. Amenyenn, **Duncan M Chembezi** and E’licia L. Chaverest. 2010. Risk Management Training Needs of Small and Minority Farmers in Tennessee and Alabama, 5th NSF Conference Proceedings, USDA-NIFA: <http://www.conferences.Uiuc.edu/resources/20033/5th/pct|20small|pct|20farm|pct|conf|pct|20proceedings|pct|20-|pct|205-5-10.pdf>

Tegegne, Fisseha, Enefiok Ekanem, Roy Bullock, A. Amenyenu, **Duncan M. Chembezi** and E'licia Chaverest, 'Risk Management Training Needs of Small and Minority Farmers in Tennessee and Alabama,' Selected paper presented at the *5<sup>th</sup> National Small Farm Conference: Roadmap to Success for Small Farmers and Ranchers*, Springfield, Illinois, September 15-17, 2009.

**Chembezi, Duncan M.**, Blondel A. Brinkman and Andrew Muhammad, "Managing Complexities in the Biofuels Industry," *COSBAE Organized Symposium of the Agricultural and Applied Economics Association (AAEA) Annual Meeting*, Milwaukee, Wisconsin, July 26 – 28, 2009.

**Chembezi, Duncan M.** and E'licia Chaverest, 'E-Commerce Adoption Among Agribusiness Firms in Alabama,' Selected paper presented at the *9<sup>th</sup> Annual Hawaii International Conference on Business*, Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, June 12-15, 2009.

**Chembezi, Duncan M.** 'Promoting Innovative Strategies to Preserve Minority Land and Sustain Small Farms in Alabama,' Selected paper presented at the *2009 Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers Project Directors Meeting*, Flagstaff, Arizona, June 2-3, 2009.

**Chembezi, Duncan M.** and E'licia Chaverest, 'Risk Management Education Needs of Small and Limited Resource Producers in Alabama,' Selected paper presented at the *2009 National Extension Risk Management Education Conference*, Reno, Nevada, March 31 – April 1, 2009.

**Chembezi, Duncan M.** and E'licia Chaverest, 'Willingness-to-Pay for GM-Free Products in the Southern United States,' Selected paper presented at the *International Conference of the Global Business Development Institute*, Las Vegas, NV, March 22-25, 2009.

**Chembezi, Duncan M.** and E'licia L. Chaverest, 'Risk Management Needs of Small and Limited Resource Farmers and Ranchers in Alabama.' Selected paper presented at the *Southern Rural Sociological Association (SRSA) Annual Meetings* in Atlanta, Georgia, January 31 – February 3, 2009.

**Chembezi, Duncan M.** and E'licia L. Chaverest. 'Extent of Internet Use and Adoption of Electronic Commerce Strategies by Agribusiness Firms in Alabama.' Selected paper presented at the *International Conference of the Business Economics Institute (BEI)* in Las Vegas, Nevada, December 14-17, 2008.

**Chembezi, Duncan M.** and E'licia L. Chaverest, 'Public Perception and Willingness-to-Pay for GM-Free Products in the Southern United States.' Selected paper presented at the *International Conference of the Global Business Development Institute (GBDI)* in Las Vegas, Nevada, October 12-15, 2008.

**Chembezi, D. M.**, Blondel A. Brinkman and Deacue Fields, "Intersection of Agricultural Extension and Agricultural Innovations: The Case of Biofuels," *Extension/COSBAE Organized Symposium of the American Agricultural Economics Association*, Annual Meetings, Orlando, Florida, July 27 – July 29, 2008.

Brinkman, Blondel A., **Duncan M. Chembezi** and Shannon Hamm, "Challenges of Biotechnology Regulation after a Decade of Commercialization," *AEM Organized Symposium of the American Agricultural Economics Association (AAEA)*, Annual Meetings, Orlando, Florida, July 27 – July 29, 2008.

**Chembezi, Duncan M.** and E'licia L. Chaverest, 'Awareness of Biotechnology Among Science Students in 1890 Land Grant Universities.' Selected paper presented at the *Missouri Valley Economics Association (MVEA)* 41<sup>st</sup> Annual Meetings, St. Louis, Missouri, October 23-25, 2008.

Chaverest, E'licia L. and **Duncan M. Chembezi**, 'Public Opinion and Willingness-to-Pay for GM-Free Products in the Southern United States.' Selected paper presented at the *2008 Annual Conference of the Food Distribution Research Society (FDRS)* in Dublin, Ohio, October 11-15, 2008.

**Chembezi, Duncan M.** and E'licia L. Chaverest, 'Waste Management Practices at small and Limited Resource Livestock Operations.' Selected paper presented at the *2008 Annual Conference of the Food Distribution Research Society (FDRS)* in Dublin, Ohio, October 11-15, 2008.

**Chembezi, Duncan M.** and E'licia L. Chaverest, 'Awareness and Perceptions of Biotechnology among Science Students at historically Black Land Grant Institutions.' Selected paper presented at the *2008 Annual Conference of the Food Distribution Research Society (FDRS)* in Dublin, Ohio, October 11-15, 2008.

Soumare, Ericka and **Duncan M Chembezi**, "Assessment of Waste Management Practices at Limited Resource Farms in Alabama," Paper presented at the *International Symposium on Air Quality and Waste Management for Agriculture*, Broomfield, Colorado, September 15-19, 2007.

**Chembezi, Duncan M.**, Doris Newton, James Novak, and Ntam Baharanyi, "Changing Dynamics in Cooperative Extension and the Role of Extension Economists: Change or Changed Agents." *Extension/COSBAE Organized Symposium of the American Agricultural Economics Association*, Portland, Oregon, July 29 – August 1, 2007.

Chaverest, E'licia L. and **Duncan M. Chembezi**, 'Consumers' Opinions and Willingness-to-Pay for GM-Free Products in the Southern United States.' Selected poster presented at the *Rural Sociology Society (RSS)* 70<sup>th</sup> Annual Meeting in Santa Clara, California, August 2-5, 2007.

**Chembezi, Duncan M.** and E'licia L. Chaverest 'Producers' Preferences for Mandatory Labeling of GM Food Products.' Selected paper presented at the *7<sup>th</sup> Annual Hawaii International Conference on Business*, Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, May 24-27, 2007.

Chaverest, E'licia L. and **Duncan M. Chembezi**, 'Assessment of E-Commerce Strategies by Agribusiness Firms in Alabama,' Selected paper presented at the *7<sup>th</sup> Annual Hawaii International Conference on Business*, Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, May 24-27, 2007.

**Chembezi, Duncan M.**, Doris Newton and Ntam Baharanyi, "The 2007 Farm Bill: Policy Options and Consequences for Small, Limited Resource and beginning Farmers in the South." *Organized Panel Discussion of the Southern Rural Sociological Association (SRSA)*, Mobile, Alabama, February 3-6, 2007.

Soumare, Ericka and **Duncan M. Chembezi**, "An Evaluation of Waste Management Practices at Small Livestock Operations in Alabama: Summary and Preliminary Results." Selected paper presented at the *Southern Rural Sociological Association (SRSA)* Annual Meeting, Mobile, Alabama, February 3-6, 2007.

**Chembezi, Duncan M.**, and E'licia L. Chaverest, "Consumers Perceptions and Willingness-to-Pay for GM-Free Products in Southern Underserved Communities." Selected paper presented at the *Southern Rural Sociological Association* Annual Meeting, Mobile, Alabama, February 3-6, 2007.

Staci Huddleston, **Duncan M. Chembezi**, Joseph Befecadu and Hezekiah Jones, “Determinants of Cigarette Consumption in the U.S. (1975-2005).” Selected paper presented at the *Southern Rural Sociological Association* Annual Meeting, Mobile, Alabama, February 3-6, 2007.

Kimberly Curtis, **Duncan M Chembezi**, Joseph Befecadu and Hezekiah Jones, “Factors Affecting Fresh Tomato Consumption in the United States,” Selected paper presented at the *Southern Rural Sociological Association* Annual Meeting, Mobile, Alabama, February 3-6, 2007.

**Chembezi, D. M.**, C. Davis, K Stokes, Kevin Klair, Ntam Baharanyi, “Strengthening Research and Extension Collaboration within and Between 1890 and 1862 Land grant Institutions.” *Extension Section Organized Symposium of the American Agricultural Economics Association*, Long Beach, CA, July 23-26, 2006.

**Chembezi, Duncan M.**, E’licia L. Chaverest, Gerald Wheelock, Govind Sharma, Ellene Kebede and Fisseha Tegegne, “Perceptions of Agricultural Biotechnology among Science Students in Historically Black Land Grant Institutions.” Selected poster presented at the *Southern Rural Sociological Association (SRSA)* Annual Meeting, Orlando, Florida, February 4-8, 2006.

Soumare, Ericka and **Duncan M. Chembezi**, Joseph Befecadu and E’licia Chaverest, “Waste Management Practices at Limited Resource Farms in Alabama,” Selected poster presented at the *Southern Rural Sociological Association (SRSA)* Annual Meeting, Orlando, Florida, February 4-8, 2006.

**Chembezi, Duncan M.** and E’licia Chaverest, ‘Assessing Use of E-Commerce Strategies by Agribusiness Firms,’ Selected paper presented at the *6<sup>th</sup> Annual Hawaii International Conference on Business*, Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, May 25-28, 2006.

**Chembezi, D. M.** and E. Chaverest, ‘Opinions and Awareness of Agricultural Biotechnology among Science Students in 1890 Land Grant Institutions.’ Selected poster presented at the *6<sup>th</sup> Annual Hawaii International Conference on Business*, Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, May 25-28, 2006.

**Chembezi, Duncan M.** E’licia L. Chaverest, Gerald Wheelock and Govind Sharma, ‘Producers’ Perceptions and Preferences for Mandatory Labelling of Genetically Modified Food Products.’ Selected Poster presented at the *Rural Sociology Society (RSS) 69<sup>th</sup> Annual Meeting* in Louisville, Kentucky, August 10-13, 2006.

Chaverest, E’licia, **Duncan M. Chembezi**, Gerald Wheelock, Govind Sharma, Ellene Kebede and Fisseha Tegegne, ‘An Econometric Evaluation of Producers’ Preferences for Mandatory Labeling of Genetically Modified Food Products.’ Selected paper presented at the 2005 Conference of the *Food Distribution Research Society*, Washington, DC, October 15-19, 2005.

Chaverest, E’licia L., Gerald Wheelock and **Duncan M. Chembezi**, Ellene Kebede, Govind Sharma, and Fisseha Tegegne, ‘Awareness and Perceptions of Biotechnology among Science Undergraduates at Predominantly Black Land-Grant Universities.’ Selected poster presented at the *Rural Sociology Society (RSS) 68<sup>th</sup> Annual Meeting* in Tampa, Florida, August 10-13, 2005.

**Chembezi, Duncan M.** Chaverest, E’licia L., Gerald Wheelock, Govind C. Sharma, and Ellene Kebede, ‘Producers’ Opinions and Mandatory Labeling of Genetically Modified Food Products.’ Paper presented at the *5<sup>th</sup> Annual Hawaii International Conference on Business*, Honolulu, Hawaii, May 26-29, 2005.

**Chembezi, Duncan M.**, James Bukenya, E'licia Chaverest, and Kilungu Nzaku, "Preferences of RME Information Sources by Limited Resource Farmers in North Alabama," Selected poster presented at the *2005 National Extension Risk Management Education Conference*, Kansas City, Missouri, April 7-8, 2005.

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