OFFICE OF SPONSORED PROGRAMS

Year in Review
2020
Welcome to the 29th annual Year in Review for the Office of Sponsored Programs.

Sponsored Programs works with Troy University faculty, staff and students from a project’s inception to its conclusion. Some of these sponsored grants and contracts now extend across many years and in some cases, even decades.

The Office of Sponsored Programs is a communication link between the University community and sponsors outside of the University—federal, state, and private sector foundations and corporations. These partnerships are essential for Troy University to achieve, and extend, its mission as an institution of higher learning. These partnerships, over time, have provided scholarships for deserving students, have helped introduce the next generation to the power of learning, and have provided support for the means of instruction and the paths to campus beautification. Most importantly, the Office of Sponsored Programs and all those faculty, staff and students who have been a part of these activities have embodied the University’s original motto providing support for the minds, hearts and actions of all those who are Trojans.

Congratulations to all those individuals included in this year’s Review and all the years previous.

Judy Fulmer
Director
Sponsored Programs

**Academics**

**Arts and Sciences**

**Archaeology**

Jason Mann
*Alabama Department of Conservation and Natural Resources*

- Phase I Cultural Resource Survey at Portland Landing Special Opportunity Area in Dallas County, Alabama
- Phase I Cultural Resource Survey of Roland Cooper State Park

**Biological and Environmental Sciences**

Brian Helms
*Jacksonville State University and the Gulf State Marine Fisheries Commission*

- Detecting Human and Wildlife Pathogens Harbored by Invasive Apple Snails (Pomacea spp.) in Lake Okeechobee
- Forest Service: Effects of Impoundments and Invasive Crayfishes to Native Crayfish Assemblages and Stream Food Web Structures

Brian Helms and Jonathan Miller
*Alabama Department of Conservation and Natural Resources and US Fish and Wildlife Service*

- Stable Isotope Analysis to Determine Relative Food Sources of Fusconaia Escambia
- Updated surveys and status assessment for Ptychobranchus jonesi, in addition to other federally and state-listed species, in the Pea River Watershed
Janet Gaston  
*Choctawhatchee, Pea and Yellow River Watershed Management Authority, The City of Troy and The City of Brundidge*

2020 Pike County Groundwater Festival

Jonathan Miller  
*PowerSouth Energy Cooperative*

Survivability of Mussels, Targeting Federally Listed Species Over a 13-Week Period During the Drawdown of Gannt Lake Reservoir

Joong-Wook Park, Shradhha Chand Thakuri, and Jahnavi Amitkumar Raval  
*Tri Beta National Biological Honor Society*

Diversity of Waterborne Pathogenic Bacteria in Alabama’s Bays

Stephen Landers, Marc Frischer (Skidaway Institute of Oceanography) and Richard Lee (University of Georgia)  
*Georgia Sea Grant College Program*

A Partnership with Skidaway Institute of Oceanography: Optimizing Georgia’s Shrimp Fishery in the Age of Black Gill

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**Biological and Environmental Sciences and Geospatial Informatics**

Chris Boyd and Xutong Niu  
*National Oceanic and Atmospheric Administration: Restore Act Science Program*

Living Shoreline Site Suitability Model Transfer for Selected Water Bodies within the Gulf of Mexico: A GIS & Remote Sensing Based Approach

US Fish and Wildlife Service  
Living Shoreline Master for Santa Rosa County, Florida

National Oceanic and Atmospheric Administration  
Surveying the Marsh Edge and Generating a Comprehensive Living Shoreline Suitability Model for Coastal Alabama

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**Center for Public Service**

Tom Vocino, Steven Taylor, Felicia Lewis and Melissa Bates  
*Alabama Department of Human Resources*

Child Care Research Initiative; New County Director Training Conference (October 15-18, 2019); Attorney’s Training Conference (January 22-24, 2020); County Director’s Training Conference (February 11-14, 2020); Parent Leadership Academy Conference (June 11-13, 2020); Supervisors Training Conference (June 14-15, 2020 and July 16-17, 2020); Adult Services Training Conference (August 19-21, 2020); Family Assistance Training Conference (October 13-15, 2020); Judicial Child Welfare Training (October 14-16, 2020)

Alabama Rural Electric Association  
Certificate Program in Leadership

Casey Family Programs  
Judicial Child Welfare Training (December 4-6, 2019)

Alabama Department of Early Childhood Education  
Early Childhood Education Infant and Toddler Conference (September 15-20, 2019 and February 2-7, 2020)

Alabama Medicaid Agency (TROY COPD)  
Myers Briggs Type Indicator: Understanding Your Leadership and Understanding Your Leadership Through The Use of MBTI Dynamics

Alabama Bureau of Pardons and Paroles  
Evaluation of the COSMOSS Program

River Region United Way  
Comprehensive Assessment of Services

“**Joy is not a season, it’s a way of living.**”

Kalley Heiligenthal
Xutong Niu, Steven Taylor and Tom Vocino
Alabama Department of Human Resources
SNAP E&T Computer Resource Mapping

Chemistry and Physics

Arun Ghosh
Environmental Research and Education Foundation
Sustainable Recycling of Solar Municipal Wastes into New Materials
Thermomechanical Conversion of Mixed Plastic Wastes into New Materials

National Science Foundation
CAREER CAS: Modification of Renewable Protein Feedstock to Create Biodegradable Thermoplastic Materials

Govind Menon and Siddarta Hrahma, Haibin Ning and Selvum Pillay
(University of Alabama at Birmingham)
US Department of Commerce, National Institute of Standards and Technology
Center of Excellence in Plastics/Polymer Recycling: Characterization and Testing of Recycle Polyethylene

Shaoyang Liu, Govind Menon and Zhiyong Wang and Haibin Ning and Selvum Pillay
(University of Alabama at Birmingham)
US Department of Commerce, National Institute of Standards and Technology
Center of Excellence in Plastics/Polymer Recycling: Plastic Upcycling with Hemp Fiber Reinforcement

Govind Menon
US Department of Commerce, National Institute of Standards and Technology
Recycling and Repurposing Medically Relevant Plastics Wastes

James Lee Cho
Environmental Research and Education Foundation
Biological Acceleration for the Decomposition of Plastics (BAD Plastics)

“I don’t know what lies around the bend, but I’m going to believe that the best does.”

Anne of Green Gables

Arun Ghosh and Daniel Markel (Pacific Northwest National University)
US Department of Energy
Reactive Compounding of Waste Plastics into Robust Materials

Arun Gosh, Shaoyang Liu, Govind Menon and Zhiyong Wang
US Department of Commerce, National Institute of Standards and Technology
Center of Excellence in Plastics/Polymer Recycling: Recycling of Waste Polymers into New Hybrid Materials

Dena Byars, Jacqueline Jones and Govind Menon
National Science Foundation, Louis Stokes Alliances for Minority Partnerships
The Greater Alabama Black Belt Region—Recruitment and Retention of Minority Students in STEM: A Partnership with Auburn University

Biological Acceleration for the Decomposition of Plastics (BAD Plastics)
Chemistry & Physics and Computer Science

Govind Menon and Bill Zhong
*National Science Foundation*

S-STEM: Development of a Post-Secondary Curriculum in the Industrial Internet of Things (IIoT) and Industry 4.0 for Underrepresented, Low-Income Students in Rural Alabama

Dean’s Office

Marty Olliff
*Alabama Humanities Foundation*

Troy University Dothan Campus College of Arts and Sciences Speakers Series Spring 2020

Geospatial Informatics

Xutong Niu and Steven Ramroop
*US Department of Agriculture*

Forest Service: Geospatial Support and Geospatial Products

History

Elizabeth Blum
*National Endowment for the Humanities*

Actions and Consequences: Industrial Geography and Environmental Justice in Montgomery, Alabama

Mathematics

Kenneth Roblee
*Henry Luce Foundation*

Clare Boothe Luce Program: Scholarships for Women in Mathematics

*Mathematical Association of America*

*Mathsketball and Mathletics 2021*

*National Science Foundation*

Conferences and Workshops in the Mathematics Sciences: Troy MathFest Undergraduate Conference

*Pi Mu Epsilon*

Troy MathFest 2020

Trung Hoa Dinh and Jared Painter (University of North Alabama)
*Center of Undergraduate Research in Mathematics*

Some Applications of Optimal Transport Theory: A Collaborative Partnership with the University of North Alabama

Political Science

Alexis Henshaw
*Center for American Women and Politics (CAWP) – Rutgers University*

Implementing Women, Peace, and Security in the United States and Canada

Michael Guo-Brennan and Khalid Arar (Texas State University)
*William T. Grant Foundation*

Leading Welcoming and Inclusive Schools for Newly Arrived Immigrant Students; Applying a Conceptual Framework
Michael Slobodchikoff
US Department of Education

Undergraduate International Studies and Foreign Language Program: Center for Eastern and Central European, Russian and Eurasian Studies (CECERES)

Social Sciences

Stephen Carmody, Sharon Everhardt and Brenda Gill
(Alabama State University)
US Department of Agriculture

Tutwiler Prison Garden: Expanding Consumption and Access of Fruits and Vegetables in a Women’s Prison

Business

Center for International Business and Economic Development

Betsy Baker and Judy Callin
University of Alabama at Birmingham and University of Alabama
Small Business Development Center

Judson Edwards and Phillip Mixon
Georgia Pacific

Economic Impact of Georgia Pacific Operations on the State of Alabama

Greg Jones
Small Business Administration (CARES)

Supplemental Funding for COVID-19 Disaster

International Center for Hospitality, Sport and Tourism

Patrick Holladay, Pablo A. Mendez-Lazaro (University of Puerto Rico) and Katja Brundiers (Arizona State University)
US Department of Agriculture

Southern Sustainable Agriculture Research and Education:
Exploring Agritourism to Increase Agricultural Sustainability and Resilience in the Municipality of Utado, Puerto Rico

Communication And Fine Arts

Art and Design

Beth Ford and Ed Noriega
Alabama State Council on the Arts

From 231 to Yangtze: Student Project Utilizing Photography as an Investigative Tool to Observe and Understand the Varying Degrees of Context and Culture in Alabama

Kelly Berwager and Larry Percy
Alabama State Council on the Arts

2020 Visual Arts Achievement Program Exhibition and Competition and Trojan Art Day

Pam Allen and Larry Percy
Alabama State Council on the Arts

International Arts Center Mural: Phase II
Journalism and Communication Studies

Morgan Drinkard, Jeff Spurlock, Britney Strong and Robbyn Taylor
*Alabama Press Association Journalism Foundation*

- High School Workshop, CAMPus Coverage, Hometown Reporting and Lab Newsletter

Music

Diane Orlofsky
*Herb Alpert Foundation and Jazz Education Network*

- Vocal Jazz and More: Cindy Dicken

Education

Alabama Connecting Classrooms, Educators & Students Statewide (ACCESS)

Alicia Brown, Robin Bynum, Jason Clifford, Brenda Dennis, Amy Dent, Brennan Ellis, Hannah Galloway, Casey Mack, Savannah Mathews, Terri Miles, Debbie Norton, Wanda Spradley and LaTasha Ware
*Alabama Department of Education*

- ACCESS – Alabama Connecting Classrooms, Educators & Students Statewide (Base, Enrollment and Discovery Education)

"Nature does not hurry, yet everything is accomplished."

* Lao Tzu

Alabama Math, Science and Technology Initiative (AMSTI)

Denise Adams, Hope Balkcom, Sherrie Blackmon, Valerie Brownlee, Robin Bynum, Connie Dobson, Daniel Ebarb, Ali Grace Eiland, Reggie Hicks, Kevin Jacobs, Wesley Killingsworth, Debbie Lawrence, Lupita Mendoza, Lynn Miller, Sandy Owens, Jennifer Trott, Emily Wesley and Tekela Williams
*Alabama Department of Education*

- Alabama Math, Science and Technology Initiative (AMSTI-Troy)

Coleman Center for Early Learning and Family Enrichment

Nancy Mitta
*Alabama Department of Early Childhood Education*

- Alabama First Class Pre-K (two partnerships)
- Childcare Foundation Site
- Early Childhood Education: Family Engagement Project

Coleman Center for Early Learning and Health and Human Services

Tonya Conner and Denise Green
*US Department of Agriculture*

- Child and Adult Care Food Program

© Lao Tzu
Counseling, Rehabilitation and Interpreter Training

Joel Willis, Kelly Jewell-Glasscock and Josh Southwick
Alabama Department of Rehabilitation
- Pre-Employment Transition Training Conference

Judy Robertson and Joel Willis
Alabama Department of Rehabilitation
- Consumer Satisfaction Survey for the Deaf-Hard of Hearing and Deaf-Blind

Joel Willis, Sharon Weaver and Tasha Betts (ADRS)
Auburn University
- Youth Leadership Forum 2020

Laura Hodges and Dionne Rosser-Mims
Alabama Department of Education
- USDOE: State-Level Evaluation for the 21st Century Community Learning Center Statewide Grant

Patrick Faircloth
Alabama Department of Early Childhood Education
- Infant and Early Childhood Health Implementation Grant

Sharon Thompson
The Japan Foundation Center for Global Partnerships
- Troy University and Japan Cultural Counseling Exchange

Educational Outreach

Robin Bynum and Deborah Nowakowski
Alabama Department of Rehabilitation
- Early Intervention and Special Instruction Workshop and Mentorship Program

eLearning

Faye Allen, Robin Bynum, Tom Dreilinger and Jennifer McLeod
Alabama Department of Education
- eLearning for Educators and Education Technology

Elementary Education

Cynthia Hicks
Alabama Department of Education
- Peabody Picture Vocabulary Test Evaluation Application

“The butterfly counts not months but moments, and has time enough.”
Rabindranath Tagore
Elementary Education and Teacher Education

Paige Paquette, Annette Walters and Shavaun Franklin
Dollar General Literacy Foundation

BRIDGE – Passport to Adventure: Exploring our World through Literacy

Interpreter Training Program

Judy Robertson
Alabama Department of Education

Interpreter Training Language Laboratory
Alabama Department of Mental Health

Scholarships for Interpreter Training
Alabama Department of Rehabilitation

Southeast Alabama Regional Institute on Deafness Conference
(Huntsville October 10-13, 2019)

Psychology, Counseling and Foundations of Education

Kristen Rost, Camilo Hurtado-Parrado, Michael McCormick and Erick Grommet
American Psychological Association

Summer Undergraduate Psychology Research Experience (SUPRE)

Sherri Blackmon, Robin Bynum, Sonya McLaughlin, Loveline Richardson and Wini Dunn
Alabama Department of Education

Science In Motion

Suzanne Tew-Washburn, Rodney Maiden, Paola Premuda-Conti, Joel Willis, Lynn Boyd, Necoal Driver, and Sharon Weaver
US Department of Education

Training Rehabilitation Counselors for Public Service in Alabama, Florida and Georgia
Training Rehabilitation Counselors for Public Service to Individuals who are Deaf or Hard-of-Hearing
Training Rehabilitation Counselors for Public Service to Individuals who are Mentally Ill

Southeast Alabama Regional Inservice Center

Faye Allen, Robin Bynum, Margaret Folmar, Debbie Jones and Cindy Miller
Alabama Department of Education

Alabama Writing Project Network: Red Mountain, Jacksonville State University and Troy University
National Board Certification of Teachers-Mentoring
Southeast Alabama Regional Inservice Center

National Writing Project
National Writing Project Continuing Association
Alabama Regional Inservice Center (TROY, UAB, ASU, AL A&M, AU, Montevallo, UNA)
Gulf Coast Conference on the Teaching of Writing
Teacher Education

Ruth Busby and Cynthia Hicks
US Department of Education
* Coleman Center for Early Learning and Family Enrichment: Child Care Access Means Parents in School

Jessica Moran
Wiregrass Resource Conservation and Development Council
* Warriors for Reading Books for Children

South Alabama Electric Cooperative
* Powering Up with STEM Energy Camp

Jessica Moran and Shannon Bland
South Alabama Electric Cooperative
* Powering Up with STEM Energy Camp

Shannon Bland
Wiregrass Resource Conservation and Development Council
* Sand & Sea Life: A Curriculum to Teach Students About Land and Animal Conservation through an Engineering Design Challenge

Education and Communication & Fine Arts

Teacher Education and Theatre

Tori Averett and Jessica Moran
Wiregrass Resource Conservation and Development Council
* Summer Spotlight on Circus Arts

Health and Human Services

Bureau of Research, Evaluation, Administration and Development (BREAD)

Denise Green and Bridget Dubose
Alabama Department of Rehabilitation
* Rehabilitation Services Personnel Agreement

Alabama Department of Human Resources
* Children’s Justice Act Grant

Alabama Department of Youth Services
* Community Program Monitor
* Targeted Case Management

"Life isn’t a matter of milestones, but of moments."

Rose Kennedy
Bureau of Research, Evaluation, Administration and Development (BREAD) – Retired Senior Volunteer Program

Denise Green and Tammy Lockley
AARSV, Inc.

- Pike County Retired and Senior Volunteer Program Reading Initiative
- Corporation for National and Community Service
- Tri County Retired Senior Volunteer Program (RSVP)
- Retired Senior Volunteer Program (RSVP)

Nursing

Carrie Lee Gardner, Wade Forehand, Stacey Jones, Amy Spurlock and Kelli Whitted
US Health Resources and Services Administration

- Nurse Faculty Loan Program

"Light tomorrow with today!"

Elizabeth Barrett Browning

International Programs

Maria Frigge and Jamie Sessions
US Embassy in Russia

- Year of Russia Exchange
- International Research and Exchanges Board
- Global Undergraduate Exchange Program (Pakistan)
- Global Undergraduate Exchange Program (Tunisia)
- World Learning Academic Exchange
- Undergraduate Host Institution

John W. Schmidt Center for Student Success

Civic Engagement

Lauren Cochran
AmeriCorps VISTA

- Hunger Free America (2 positions)

Lauren Cochran and Cheyenne Gross
Kids Gardening

- Expanding Gardens at Troy Elementary School

Lauren Cochran, Cheyenne Gross and Utsav Phunal
Scotts Miracle Gro Foundation and Kids Gardening

- Grow More Good Greenhouse
Delaney Bansford and Lauren Cochran
*Up to Us Net Impact*

National Issue Forum: A House Divided, "A Nation in Debt"
or "The Rising Cost of Healthcare"

Jonathan Cellon, Lauren Cochran, Kourtney Frye,
Nicole Jackson and Chaunita Whittle
*David Mathews Center for Civic Life*

Real Talk on Race Mentoring Project

**Instructional Support Services**

Patricia Harris
*National Collegiate Athletic Association Innovations in Research and Practice*

Creating a Learning Ecosystem as Summer Onboarding
Strategy for Incoming Student Athletes

**TRIO–McNair**

Gbayanminin Diaminah, Hal Fulmer and Mary Griffin
*US Department of Education*

Ronald E. McNair Post-Baccalaureate Achievement Program

**TRIO–Student Support Services**

Shantel Barginere, Courtney Garland Curry, Mary Griffin,
Catresa Hawkins, Debora Pettway and Rebecca Money Rembert
*US Department of Education*

Student Support Services

**TRIO–Upward Bound**

Bridgette Anderson, Mary Griffin and Ashleigh Johnson
*US Department of Education*

Upward Bound

**Library**

Elizabeth Dill and Chris Shaffer
*Alabama Library Association*

Community Engagement: The Fight for Women’s Suffrage in Alabama

Jeff Simpson
*American Association of State Colleges and Universities*

Sasakawa Fellowship (Japan Studies Institute 2020)

**Library and Arts & Sciences**

Alyssa Martin, Dan Puckett and Chris Shaffer
*Alabama Library Association: Public Programs Office*

Americans and the Holocaust Traveling Exhibit

**Library and World Languages & Culture**

Johanna Alberich, Jana Slay and Lisa Vardaman
*Pragda Film Distributors*

Spanish Film Series: Ema, Perfect Strangers, Perro Bomba,
The Awakening of the Ants, Three Beauties
**Troy Montgomery**

**Rosa Parks Museum**

Donna Beisel, Felicia Bell and Ray White  
*Alabama Department of Human Resources*

📍 JOBS Subsidized Employment: Museum Guide

Ray White  
*Cracker Barrel Foundation*

📍 Rosa Parks Museum 65th Anniversary: Free Tours for Military Families  
*Alabama Humanities Foundation (CARES)*

📍 Rosa Parks Museum Support

**Troy Montgomery**

Ray White  
*Alabama Commission on Higher Education*

📍 Affordable Learning Options Workshop  
*Alabama Humanities Foundation (CARES)*

📍 Planetarium Support

Sharon Everhardt, Robert Vilardi and Ray White  
*Department of Education*

📍 Title III: Creating a Central Environment Support for Student Success

**Troy Montgomery and Arts & Sciences**

Ray White and Xutong Niu  
*Alabama Department of Archives and History*

📍 Troy University Student Intern Program

**Troy Phenix City**

Alexandria Travis  
*Alabama State Council on the Arts*

📍 “The Phenix City Story” Documentary Project

**Athletics**

Sandy Atkins, Kyle George and Shelly Jordan  
*Sun Belt Conference*

📍 Extra Yard for Teachers Program: Recognizes Teachers and Students at Home Football Game on October 4

**Advancement And Economic Development**

**Marketing and Communication —Broadcast and Digital Network**

Buddy Johnson, Kyle Gassiott and Matt Clower  
*Corporation for Public Broadcasting*

📍 Emergency Stabilization Funds CARES Act  
*Chapman Foundation*

📍 Classical Music for Troy Public Radio  
*Corporation for Public Broadcasting*

📍 Radio Community Service Grant (CSG)

*City of Montgomery Mayor’s Office*

📍 City of Montgomery Public Television Channel - Capital City Connection
Financial Affairs and Online Education

Physical Plant

Jim Bookout, Mark Salmon and Byron Shirley
Alabama Forestry Commission and the Arbor Day Foundation

Troy University Tree Campus USA – Montgomery Campus

Jim Bookout, Mark Salmon and Matt Shelley
Alabama Forestry Commission and the Arbor Day Foundation

Troy University Tree Campus USA – Phenix City Campus
Troy University Tree Campus USA – Troy Campus

Jim Bookout, Scot Craig and Mark Salmon
Alabama Forestry Commission and the Arbor Day Foundation

Troy University Tree Campus USA – Dothan Campus

Student Services and Administration

Statewide Articulation Reporting System

Keith Sessions, Shannon Nichols and Anita Hermeling
Alabama Commission on Higher Education (ACHE)

Statewide Transfer Articulation Reporting System (STARS Program)

Student Services

Herb Reeves, Fran Scheel and Derrick Brewster
US Department of Justice

Grants to Reduce Sexual Assault, Domestic Violence, Dating Violence, and Stalking on Campus Program Domestic Violence, Dating Violence

Kimbrlei McCain and Herb Reeves
American College Health Foundation

Student Service and Academics Mental Health Alert Training for Faculty and Staff

Riley Jacks and Kimbrlei McCain
Drug Enforcement Agency

Campus Drug Prevention Public Service Announcement

University Police

Herb Reeves
US Department of Justice

Byrne JAG Program to Purchase Equipment for Law Enforcement

Financial Affairs & Online Education and Student Services

Jim Bookout, Angela Johnson and Herb Reeves
US Department of Education

CARES Act Higher Education Emergency Relief Fund – Student Aid

Jim Bookout and Herb Reeves
US Department of Education

CARES Act Higher Education Emergency Relief Fund – Institutional Aid