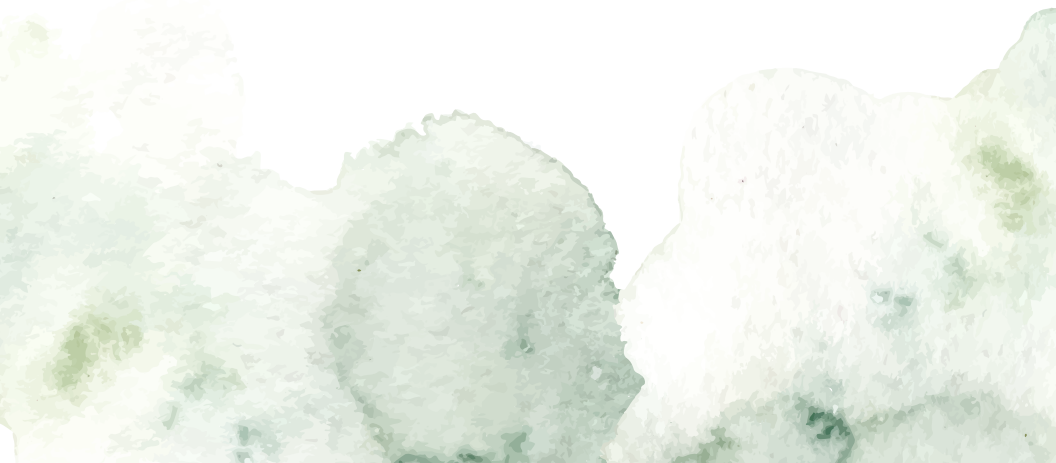




OFFICE OF SPONSORED PROGRAMS

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

US Department of Agriculture

-  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 *Ptychobranthus 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 Gantt Lake Reservoir

Joong-Wook Park, Shraddha Chand Thakuri, and Jahnvi 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

✿ 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

✿ 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



Center for Public Service and Geospatial Informatics

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

“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

Govind Menon and Siddarta Hrahma, Haibin Ning and Selvam 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 Selvam 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)

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

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)




Sherrionda Crawford, Kanessa Doss and Shelley Reed

Alabama Department of Public Health

-  Garrett Lee Smith Campus Suicide Prevention Grant:
The Trojan Suicide Prevention Program

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

Science In Motion

Sherri Blackmon, Robin Bynum, Sonya McLaughlin, Loveline Richardson and Wini Dunn




Alabama Department of Education

-  Science in Motion

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, ALA&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

Technology In Motion

Faye Allen, Robin Bynum and Roland (Buddy) Weldon

Alabama Department of Education

 Technology in Motion

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

AARSVP, 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

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

Gbyanminin 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

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

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



TROY UNIVERSITY™

