BIOLOGICAL AND ENVIRONMENTAL SCIENCES

Chris Boyd
University of Mississippi
North American Region Shellfish Policy Analysis
for the Nature Conservancy

Alvin Diamond and Chelsea Smith †
Walter F. Coxe Foundation
A Survey of the Spider Genera of Pike County, Alabama

Beth Ensor †
Legacy Partners in Environmental Education
Earth Week: Raise Awareness Biodiversity, Environmental Sustainability,
Use of Resources, Campus Recycling, Appreciation
of the Natural Environment

Janet Gaston †
Alabama Department of Environmental Management, Choctawhatchee, Pea,
and Yellow River Watershed Management Authority, Legacy Partners in
Environmental Education, and the City of Brundidge
2014 Pike County Groundwater Festival

Stephen Landers, Jonathan Miller, and Ceil Martinec †
Gulf of Mexico Research Initiative RFP II
Analysis of Continental Shelf Meiofauna from the Northern Gulf of Mexico
(A Partnership with the Natural History Museum of Denmark)

Christi Magrath, Andrew Clarke, Valario Johnson,
Aubri Morgan, Layton Avery, and Brady Bouldin †
Tri Beta National Biological Honor Society
Antibiotics and Filamentation: Invasion, Adhesion and
Cellular Morphology of S. Cerevisiae Exposed to Antibiotics

† denotes projects with significant inclusion of student researchers
Julian Pittman †
National Science Foundation
Improving Undergraduates STEM Education – Relationship of Neurotransmitters and Gila to the Symptoms of Anxiety Depression: An Immunohistochemical and Behavioral Study

Julian Pittman, Wayne Morris, and Jeremy Duke †
Tri Beta National Biological Honor Society
Assessment of Extracts Prepared from Five Native Hypericum Species on Anxiety/Depression Related Behaviors and Neural Pathways on Zebrafish

Michael Stewart and Glenn Cohen
Texas A&M University Partnership Agreement
Gulf Coast Cooperative Ecosystem Studies Unit

Joong-Wook Park
US Environmental Protection Agency
Effects of Flooding on Microbial Pathogens in Mobile and Bon Secour Bays

Joong-Wook Park and Elena Brown †
Tri Beta National Biological Honor Society
Bacterial Response to the Elk River Chemical Spill in West Virginia

Joong-Wook Park and Mai Tran †
Tri Beta National Biological Honor Society
Effect of Freshwater Exposure on Tarballs Bacterial Community

Joong-Wook Park, Mai Tran, Garrett Lloyd, and Kewei Yu †
Birmingham Audubon Society – Walter F. Coxe Research Fund
Risk Assessment of Microbial Pathogens in Tar-Filled Shells on Alabama Beach

Joong-Wook Park and Prabhakar Clement Groome Jr. †
Gulf of Mexico Research Initiative RFP IV
Consortium for Managing Oil Contaminated Beaches

Joong-Wook Park and Mohammed Hussein al Jawasim †
Higher Committee for Education Development of Iraq
Impacts of Oil and Temperature on Pathogenic Microorganisms in Lake Pontchartrain Sediment, Louisiana—Student Research Project

CHEMISTRY AND PHYSICS

Shaoyang Liu and
Hongshun Yang (National University of Singapore)
Bill and Melinda Gates Foundation
Development of a Portable Sanitizing Unit for Kitchen and Organic Food Sanitization: A Partnership with National University of Singapore

COMPUTER SCIENCE

Vijay Kumar Mago, Andrew Sixsmith, and Philippe Giabbanelli (Simon Fraser University Canada)
National Institute of Health and Aging Research
A Statistical and Computational Modeling Approach to Understanding Falls Among Adults

MATHEMATICS AND GEOMATICS

Steve Ramroop and Xutong Niu †
US Department of Agriculture and US Forest Service
Geospatial Support and Geospatial Products for the US Forest Services

Diane Porter and Ken Roblee †
Mathematics Association of America and the National Science Foundation
TROY MathFest Undergraduate Mathematics Conference

† denotes projects with significant inclusion of student researchers
**Vijaya Gompa †**
- Tensor: Mathematical Association of America
- Mathematics: The Queen of Science
- Alabama Commission on Higher Education
- Dwight D. Eisenhower Professional Development Wiregrass Math, Science, and Technology Leadership Camp

**POLITICAL SCIENCE**

**Jonathan Harrington and Terry Anderson**
- US Department of State and Embassy in Tbilisi Georgia
- Tbilisi and Troy University International Affairs Partnership

**Richard Ledet**
- Office of Naval Research
- Minerva Research Initiative: Training Members of the Military to Use Social Science Research Methodology

**SOCIAL SCIENCE**

**Bill Grantham, Ben Conner, Alanna Cook, Haley Davis, Joel Jackson, Clayton Johnson, Hannah Mills, and Alyse Nelson †**
- Harvard Semitic Museum and the Leon Levy Expedition
- The Ashkelon Expedition – A Partnership with Harvard University, Wheaton College, and Boston College

**Jason Mann †**
- Crenshaw County Alabama
- Phase I Cultural Resource Assessment of Thirteen Bridge Replacement Projects in Crenshaw County, Alabama

**Jason Mann and Xutong Niu †**
- US Department of Agriculture and the Natural Resource Conservation Service
- Pilot Study for the Development of an Application for the Remote Discovery of Archaeological Sites in Alabama Wetlands

**Jenny Brooks, Robert Burroughs, Kristen Ross, and Chris Shaffer †**
- Alabama Humanities Foundation, Alabama State Council on the Arts, Hughes Electric, and Mercedes
- Wiregrass Blues Festival

**Business**

**BUSINESS**

**Mary Catherine Colley †**
- Alabama Power Foundation
- Alabama Sustainability Road Trip

**CENTER FOR INTERNATIONAL BUSINESS AND ECONOMIC DEVELOPMENT**

**Judson Edwards, Billy Turner, and Phillip Mixon**
- Alabama Department of Economic and Community Affairs
- Develop Water Use Projections for Non-Use Water Use Throughout the State of Alabama
- Alabama Department of Economic and Community Affairs
- Water Resource Contract

† denotes projects with significant inclusion of student researchers
Sandra Lucas, Judy Callin, and Gail Layton  
University of Alabama and University of Alabama at Birmingham  
Small Business Development Center  
University of Alabama at Birmingham  
Procurement Technical Assistance Center

Phillip Mixon and Gregory Jones  
Baldwin County Economic Development Alliance  
Economic Research on the Impact of the BP Oil Spill on Daphne, Alabama

Phillip Mixon and Courtney Taylor  
Opportunity Florida  
Economic Research Regarding the Potential Economic Impact of a New Automobile Manufacturing Plant

Courtney Taylor, Lee Vardaman, and Hank Findley  
Hand Arendall LLC  
Consulting Service Regarding Job, Classification, and Compensation Analysis for the Alabama Department of Postsecondary Education

MANUEL H. JOHNSON CENTER FOR POLITICAL ECONOMY

Scott Beaulier  
Earhart Foundation  
Philanthropy and the Economic Way of Thinking Conference

Scott Beaulier and Phillip Mixon  
Allen McBride  
Economic Impact Study on the Economic Costs to the State of Alabama on Beginning the School Year before September 1, 2014

John Dove and Scott Beaulier  
Apgar Foundation  
Undergraduate Research Conference on Liberty and the American Tradition

Communication and Fine Arts

ART AND DESIGN

Larry Percy  
Alabama State Council on the Arts  
Visual Arts Achievement Program Exhibition, Competition, and Trojan Art Day

ENGLISH

Kirk Curnutt  
Alabama Humanities Foundation  
Alabama Book Festival

Harold Kaylor  
Alabama Humanities Foundation  
SUPER Teacher Program: The Trojan War in Western Literature and Culture

JOURNALISM AND COMMUNICATION STUDIES

Shari Hoppin and Susan Sarapin  
C-SPAN Education Foundation  
The Rise and Fall of “Compromise” in the United States Congress

Steve Padgett, Steve Stewart, Jeff Spurlock, and Kate Rowinsky  
Alabama Press Association Journalism Foundation  
High School Journalism Workshop, Camp Trop, and Advanced Reporting/Advanced Editing Lab Newspaper Production

† denotes projects with significant inclusion of student researchers
MODERN LANGUAGES AND CLASSICS

Kelly Suero
Alabama Humanities Foundation
Whetstone Seaman Faculty Development Award: Essay on Abuelas de Plaza de Mayo: Human Rights Activists Employ Science to Seek Justice

MUSIC

Diane Orlofsky and Meagan King Johnson †
Jazz Educators Network JAZZ2U
frequency Workshop with Kerry Marsh and Julia Dollison

THEATRE AND DANCE

Deborah Hicks and Tori Lee Averett †
Alabama State Council on the Arts
Stuart Pimsler Dance and Theatre Campus Residency

Education

ACCESS

Kathy Hildebrand, Reba Davis, Jason Clifford, Brenda Dennis, Amy Dent, Brennan Ellis, Keri Flowers, Anne Marie Freeman, Marianne Kellogg, Casey Mack, Kristen Martin, Savannah Mathews, Terri Miles, Kay Sanders, and Wanda Spradley
Alabama Department of Education
ACCESS – Alabama Connecting Classrooms, Educators, and Students Statewide

ACCESS – eLEARNING

Kathy Hildebrand, Reba Davis, Tom Dreilinger, and Terri Miles
Alabama Department of Education
eLearning for Educators and Education Technology

AMSTI

Kathy Hildebrand, Kim Dove, Denise Adams, Hope Balkcom, Sherrie Blackmon, Meg Clark, Daniel Ebarb, Reggie Hicks, Kevin Jacobs, Wesley Killingsworth, Jennifer Lindsey, Tina Kanaley, Gail McCollough, Donna McLendon, Penny Messick, Darlene Roach, Mark Welch, and Tekela Williams
Alabama Department of Education
Alabama Math, Science, and Technology Initiative

† denotes projects with significant inclusion of student researchers
AMSTI – SCIENCE IN MOTION

Kathy Hildebrand, Bill Ossenfort, Dena Byars, and Gwyn Huggins
Alabama Department of Education
Science in Motion

COUNSELING, REHABILITATION, AND INTERPRETER TRAINING

Judy Robertson and Andy Creamer ♦
Alabama Department of Education
Interpreter Training Language Laboratory
Alabama Department of Rehabilitation Services
Transition Camp for the Deaf and Hard of Hearing (Camp Success)
Alabama Department of Mental Health
Scholarships for Interpreter Training
Alabama Department of Rehabilitation Services
Workshops and Interactive Sessions for Students and Service Providers to Deaf-Blind
Alabama Department of Rehabilitation
Training of Students and Service Providers Who Work with Deaf-Blind Students
Alabama Institute for the Deaf and Blind
Support Service Provider Training and Pro Tactile Awareness to Interpreter Training Program — Professionals and Students

Suzanne Tew-Washburn,
Cozetta Shannon, and Emma Peden
US Department of Education
A Multi Year Campus Approach to Rehabilitation Counseling

Latofia Parker, Joel Willis, and Suzanne Tew-Washburn
US Department of Education
Transforming Rehabilitation Education: Preparing Rehabilitation Counselors for Service to Individuals with Mental Illness

Jason Orrock ♦
CGI Local, and National Support and National Endowment for the Arts: Big Read
Bully Proof: A University and Community Partnership to Address and Prevent Youth Bullying: Don’t Judge a Book by Its Cover

Judy Robertson
Alabama Department of Education, Alabama Department of Mental Health (Interpreter Service), Alabama Department of Rehabilitation, Alabama Institute for the Deaf and Blind, and Helen Keller Foundation for Research and Education
Helen Keller Lecture Series

Joel Willis, Karen Jenkins, Nick Derzis (AU), and Brandy Bray
Alabama Department of Education, Alabama Council for Developmental Disabilities, Alabama Department of Rehabilitation, Alabama Rehabilitation Counselors and Education Association, and the Christopher and Dana Reeves Foundation
Youth Leadership Forum 2014

ADULT EDUCATION

Dionne Rosser-Mims
US Department of Education
FIPSE: First in the World – An Integrated Model: Support of Online Undergraduate Learners (SOUL)

♦ denotes projects with significant inclusion of student researchers
Dionne Rosser-Mims and Suzanne Dow (Georgia Mountain Women’s Center)
US Department of Justice — Office of Violence Against Women
Transitional Housing Assistance Grant for Victims of Stalking, Dating, Violence, or Sexual Assault — A Partnership with Georgia Mountain Women’s Center, Inc.

ELEMENTARY EDUCATION

Cynthia Hicks and Pamela Wimbish
Wiregrass Foundation and Target Foundation
Project PreK to K Literacy Transition

Carolyn Russell and Marianne Michael
Snapdragon Foundation and Target Foundation
Phenix City Housing Authority Reading Programs

SOUTHEAST ALABAMA REGIONAL INSERVICE CENTER

Kathy Hildebrand, Terry White, Faye Allen, and Pam Dunn
Alabama Department of Education
Southeast Alabama Regional Inservice Center
Alabama Department of Education
Support for Priority and Focus Schools
Alabama Regional Inservice Centers
(Troy, UAB, ASU, AL A&M, JSU, and Montevallo)
Gulf Coast Conference on the Teaching of Writing

Robin Bynum, Bertha Roberts, Margaret Folmar, Cindy Miller, Faye Allen, and Debbie Jones (Barbour County Schools)
US Department of Education
Wiregrass Writing Project i3 College Ready Writers Program
Barbour and Butler County

TECHNOLOGY IN MOTION

Kathy Hildebrand, Faye Allen, and Buddy Weldon
Alabama Department of Education
Technology in Motion

Global Campus

eTROY

Glynn Cavin, Ronnie Creel, and Mark Ray
Bill and Melinda Gates Foundation
Predictive Analysis Reporting Framework

Robin Bynum, Bertha Roberts, and Cindy Miller
National Writing Project
Wiregrass Writing Project Supporting Effective Educator Development (SEED)

‡ denotes projects with significant inclusion of student researchers
Health and Human Services

BUREAU OF RESEARCH, EVALUATION, ADMINISTRATION, AND DEVELOPMENT

Denise Green and Brian Christopher Farnham
Alabama Council on Development Disabilities
Training on Health Care Transitioning

Denise Green and Bridget Dubose
Alabama Department of Human Resources
Children’s Justice Act Grant
Alabama Department of Rehabilitation
Rehabilitation Services Personnel Agreement
Alabama Department of Youth Services
Community Program Monitor, Targeted Case Management, and Troy Group Home

BUREAU – RETIRED SENIOR VOLUNTEER PROGRAM

Denise Green and Tammy Sneed
Corporation for National and Community Service
Retired Senior Volunteer Program (RSVP)

KINESIOLOGY AND HEALTH PROMOTION

Candy Shaughnessey, Brandon Sluder, Kay Pierce (TES), and Rick Braisted (TES) †
Action for Healthy Kids
Every Kid Health: A Partnership with Troy Elementary School
Bonnie Plants †
It’s Cabbage Time: A Garden Partnership with Troy Elementary School Third Graders

NURSING

Patsy Riley and Diane Weed
US Department of Health and Human Services
Professional Nurse Traineeship

Library

Marty Olliff, Chris Shaffer, Donna Miller, and Bob Saunders
Alabama Humanities Foundation
SUPER Institute: World War I
Alabama Humanities Foundation and the Smithsonian Institute
Museum on Main Street “The Way We Worked,” Traveling Exhibit

Rachel Hooper, Erin Boyd, and Chris Shaffer
Alabama Humanities Foundation
“They Had No Voice” – Denny Abbott

Ray Barnette and Rachel Hooper
Institute of Museum and Library Services
Capturing Global Archives: Troy University System Archival Material Procurement, Digitization, and Preservation Project
National Endowment for the Humanities
Capturing Global Archives: Troy University System Archival Material Procurement, Digitization, and Preservation Project
National Endowment for the Humanities
Implementing Project: Troy University System Archival Material Procurement, Digitization, and Preservation Project

Rachel Hooper, Chris Shaffer, Joe McCall, Kristine Stillwell, and Robert Pullen
National Endowment for the Humanities
Muslim Journeys: Lecture Series Round Two

† denotes projects with significant inclusion of student researchers
Chris Shaffer
Kennesaw State University
Beyond Rosie: Women in World War II, The Tuskegee Airmen, and
In Her Father’s Eyes: A Slovak Childhood in the Shadow of the Holocaust
National Institutes of Health, the National Library of Medicine, and the Historical Society of Washington D.C.
The Henkel Physicians: A Family’s Life in Letters New Market, Virginia 19th Century
Alabama Shakespeare Festival and the American Library Association
Shakespeare’s First Folio Traveling Exhibit, Lectures, and Theatre Performances
Institute for Museum and Library Services
National Medal for Museum and Library Service
US Bureau of Educational and Cultural Affairs — Fulbright Scholar Program
US-Germany International Education Administrators Program

Erin Boyd, Debra West, and Chris Shaffer
Smithsonian and the National Museum of American History

John W. Schmidt
Center for Student Success

DEAN’S OFFICE
Hal Fulmer, Elaine Bassett, Priya Menon, Rachel Hooper, Ivan Merritt, Kami Merritt, Dan Smith (TPR), Lauren Smith (PCCC), Vicki Pritchett (TPCAC), Maryjo Cochran, Parker Reiss, Pam Allen, and Pat Warren
National Endowment for the Arts
Big Read: Fahrenheit 451

Hal Fulmer and Paige Paquette
National Endowment for the Humanities, and The Alabama Humanities Foundation
Literature and the Veteran Experience

SERVICE LEARNING AND CIVIC ENGAGEMENT
Jonathan Cellon and Jason Orrock
Ben Cohen Stand Up Foundation
Bully Proof: A University and Community Partnership to Address and Prevent Youth Bullying

Jonathan Cellon, Ryan Cole, Hal Fulmer, Jim Bookout, and Ibrahim Yildirim
Campus Kitchens Project
Campus Kitchens with Head Start and Troy University Dining

‡ denotes projects with significant inclusion of student researchers
Jonathan Cellon
David Mathews Center for Civic Life
Promoting Community through Deliberation: Troy University’s First Year Learning Community Program
North Carolina Campus Company
Martin Luther King Day of Service – Mobilizing Troy University Students to Make an Informed Difference
State Farm Youth Advisory Board
Troy University Fights Hunger
WK Kellogg Foundation
Kellogg Foundation Community Leadership Action Network Fellowship
Walmart Foundation
Hunger and Poverty Initiative: Civic Scholars, Backpack Nutrition, Campus Kitchen, Can Castle, and Middle School Project

Jonathan Cellon, Chris Hager, and Parker Reiss
Opal Apples
Backpacks for Kids, Campus Kitchens, and Civic Scholar Hunger Initiative

TRIO – STUDENT SUPPORT SERVICES
Hal Fulmer, Mary Griffin, Rhonda Westry, Debora Pettway, Buffie Williams, Kim Crosby, Robin Young, Carroll James, Hannah Young, Shantel Boyd-Barginere, and Rebecca Money-Rembert
US Department of Education
Student Support Services

TRIO – UPWARD BOUND
Hal Fulmer, Mary Griffin, Bridgette Anderson, and Ashley Johnson
US Department of Education
Upward Bound

Lance Tatum †
Alabama Department of Archives and History
Troy University Student Intern Program

Academic Affairs
CONFUCIUS INSTITUTE
Earl Ingram, Robert Feng, Iris Hong Xu, Lee Vardaman, and Tobiah Jones
US Department of Education
National Resource for Foreign Language and Area Studies
Startalk Teacher and Student Program

INTERNATIONAL PROGRAMS
Curt Porter, Darlene Stewart, and Peter Lundbye
Institute for International Exchange
Undergraduate Host Institution – Brazil Scientific Mobility Program

Maria Frigge and Darlene Stewart
International Research and Exchange Board
Global Undergraduate Exchange Program – Eurasia, and Central Asia, Georgia, Pakistan, Tunisia, Turkmenistan, and Ukraine

† denotes projects with significant inclusion of student researchers
Collaborative Initiatives

ARTS AND SCIENCES, COMMUNICATION AND FINE ARTS, JOHN W. SCHMIDT CENTER FOR STUDENT SUCCESS, LIBRARY, AND COMMUNITY PARTNERS

Henry Stewart, Erin Boyd, Olga Casey, Sara Dismukes, Chris Rich, Elaine Bassett, Paige Paquette, and Amber Shaffer

American Library Association
World Book Night

LIBRARY AND MODERN LANGUAGES AND THE CLASSICS

Lisa Vardaman, Rachel Fournier, Johanna Alberich, and Rachel Hooper

Spanish Film Festival: Pa Negre, El Regreso, Las Vegas con Gafas, Infancia Clandestina, and Tambien la Lluvia

BIOLOGICAL AND ENVIRONMENTAL SCIENCES AND CHEMISTRY AND PHYSICS

Julian Pittman, Wayne Morris, and Zhiyong Wang

GlaxoSmithKline

Novel Methylated Derivatives of Flavonoids in St. John’s Wort (Hypericum Perforatum) as Highly Effacious Antidepressants

SERVICE LEARNING AND CIVIC ENGAGEMENT AND STUDENT SERVICES

Jonathan Cellon and Herb Reeves

Governor’s Office on Faith Based and Volunteer Service
Creating Opportunities for Volunteerism in Alabama

† denotes projects with significant inclusion of student researchers
Advancement and Economic Development

BROADCAST AND DIGITAL NETWORK
Buddy Johnson, Kyle Gassiott, and James Clower
Corporation for Public Broadcasting
Radio Community Service Grant (CSG)

SPONSORED PROGRAMS
Alabama Library Association and the New York Times
I Love My Librarian

Finance and Business Affairs

INFORMATION TECHNOLOGY
Greg Price, Angel Johnson, Steve McQueen,
Matt Mercer, and John Lester
US Department of Justice
Computer Forensics Lab, Research, and Training Initiative

PHYSICAL PLANT
Jim Bookout, Mark Salmon, Josh Slaven, Jof Mehaffey, and Justin Edwards
Alabama Forestry Commission and the Arbor Day Foundation
Troy University Tree Campus USA
Alabama Power Foundation Good Roots Program
Planting of Willow Oaks between Bibb Graves and Shackleford Quad
Choctawhatchee, Pea and Yellow River Watershed Management Authority
Ecological Trail System Phase I and Outdoor Classroom for Janice Hawkins Park
National Fish and Wildlife Foundation – Five Star Restoration
Exotic Species Removal and Habitat Restoration

Student Services and Administration

STATEWIDE ARTICULATION REPORTING SYSTEM
John Dew, Keith Sessions, Shannon Nichols, Dendy Mosely, and Anita Walker
Alabama Commission on Higher Education (ACHE)
Statewide Articulation Reporting System (STARS Program)

‡ denotes projects with significant inclusion of student researchers
SAVE

Fran Scheel, Jenny Duncan, Morgan Johnson, Abbey McClure, and Heather Edgar
ADECA Law Enforcement Planning
Sexual Assault and Violence Education (SAVE)
Office for Victims of Crime and National Crime Victim’s Rights Week
Community Awareness
National Crime Victim’s Rights Week

UNIVERSITY POLICE

John McCall, Collins Davis, and Herb Reeves
US Department of Justice
Bulletproof Vest Program