



**YEAR IN REVIEW
2014**





Arts and Sciences

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**



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



Communication and Fine Arts

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

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

Cozetta Shannon, Joel Willis, and Suzanne Tew-Washburn
US Department of Education
**Transforming Rehabilitation Education: Preparing Rehabilitation
Counselors for Service to Individuals who are Deaf and Hard of Hearing**



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, and Cindy Miller

National Writing Project
**Wiregrass Writing Project Supporting Effective
Educator Development (SEED)**

*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



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
**Changing America: The Emancipation Proclamation, 1863 and
the March on Washington 1963: A Traveling Exhibit**



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

Troy Montgomery

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 COMMUNICATION AND FINE ARTS

Rachel Hooper, James Sherry, and Chris Shaffer

Tournees Festival
French Film Festival: Mozart's Sister, Coco before Chanel, Breathless, Approved for Adoption, Rust and Bone, and The Illusionist

LIBRARY AND eTROY

Chris Shaffer, Jay Brandes, Jeff Simpson, Rachel Hooper, Marty Olliff, and Karen Shader

Knight Foundation
Regional Resource Network for Public and School Libraries in South Alabama

LIBRARY AND MODERN LANGUAGES AND THE CLASSICS

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

Spanish Film Club by Pragda
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 Efficacious 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





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

