

2013-2014 Grant Recipients

10-13 minutes

Summer 2014: Undergraduate Student Assistantships

- **Prof. Adam Walls**, Dept of Art
 - Student: Jai Woods
 - Project: "A Study of the Human Figure: Techniques of Sculptural Form at Fetal and Adult Stages"
- **Prof. Adam Walls**, Dept of Art
 - Student: Katina Oxendine
 - Project: "Mythical Creature: Fabric, Leather and Metal Sculpture"
- **Dr. Ben Bahr**, Dept of Biology
 - Student: Kathlyn Stephens
 - Project: "Brain Repair Pathway for Seizures-Related Brain Damage"
- **Prof. Brandon Sanderson**, Dept of Art
 - Student: Courtney Hockett
 - Project: "North Carolina Flora and Fauna in Illustrations and Prints"
- **Prof. Brandon Sanderson**, Dept of Art
 - Student: Daniela Jimenez
 - Project: "Hydrographic Transfer Lithography in Fine Art Printmaking"
- **Prof. Brandon Sanderson**, Dept of Art
 - Student: Dina Nobles
 - Project: "The Contemporary Bestiary"
- **Prof. Brandon Sanderson**, Dept of Art, and **Dr. Ryan Anderson**, Dept of History
 - Student: Frida Meija
 - Project: "Illustrating Historical Events in the US Immigration through Copperplate Intaglio"
- **Prof. Carla Rokes**, Dept of Art
 - Student: Chelsea Summers
 - Project: "The Exploration of Pattern and Nature"
- **Dr. Jaime Martinez**, Dept of History
 - Student: Mallory Koch
 - Project: "Slavery and Economic Development in Wilmington, NC, 1850-1870"
- **Dr. Maria Pereria**, Dept of Biology
 - Student: Mark Anderson
 - Project: "Establishing a Sustainable Farming Model Using the Campus Garden Site"

- **Dr. Paul Flowers**, Dept of Chemistry and Physics
 - Student: Matthew MacDougall
 - Project: \"Design, Fabrication and Evaluation of a Microscale Device for Biomedical Chemical Analysis\"
- **Dr. Renee Lamphere**, Dept of Sociology and Criminal Justice
 - Student: Nakita Shumpert
 - Project: \"Topping the Classroom Charts\"
- **Prof. Scott Ziegler**, Dept of Art
 - Student: Estelle Rodrique
 - Project: \"Stain\"
- **Dr. Siva Mandjiny**, Dept of Chemistry and Physics
 - Student: Sara Croom
 - Project: \"Immobilization of Lysozyme Enzyme\"
- **Dr. Tim Ritter**, Dept of Chemistry and Physics
 - Student: Trae Griffin
 - Project: \"Effects of Gravity on Human Biochemical Processes\"
- **Dr. Tulla Lightfoot**, Dept of Art
 - Student: Joan Blackwell
 - Project: \"Exploring Southeastern Native American Indian Art\"

Spring 2014: Undergraduate Student Assistantships

- **Dr. Richard Gay**, Dept of Art
 - Student: Ruiz, Amiee
 - Project: \"The John Kaunus Collection at UNCP\"
- **Dr. Rita Hagevik**, Dept of Biology
 - Student: Greene, Olivia
 - Project: \"Pollen transport in freshwater streams and on bees in the Southeastern Region of North Carolina\"
- **Prof. Brandon Sanderson**, Dept of Art
 - Student: Caswell, Lateesha
 - Project: Translating Digital and Positive Plate Lithography into Bookbinding
- **Prof. Brandon Sanderson**, Dept of Art
 - Student: Spruill, Rebecca
 - Project: Narratives in Photographic and Traditional Lithography with Letterpress
- **Dr. Ben Bahr**, Dept of Biology
 - Student: Pait, Morgan
 - Project: Oral Administration of Cathepsin B Modulator: Effects of Lysosomal System and Synaptic Integrity in Aged Rats
- **Dr. Teagan Decker**, Dept of English, Theater and Foreign Languages
 - Students: Lunn, Zachary & Deruntz, Mari
 - Project: Group Papers in the Writing Center
- **Dr. Len Holmes**, Dept of Chemistry and Physics

- Student: Yao, Lan
- Project: Quantification of Nisin: An Antimicrobial Protein
- **Dr. Jason Hutchens**, Dept of Mass Communication
 - Student: Faulk, Constance
 - Project: Voices of the Lumbee Research/Production Assistant
- **Dr. Dandan Liu**, Dept of Mass Communication
 - Student: Langley, Samantha
 - Project: Teaming up for Student Success: A pilot study
- **Dr. Sharon Mattila**, Dept of Philosophy and Religion
 - Student: Johnson, Tess
 - Project: Rural Socio-Economic Life in Greco-Roman Egypt and Palestine: An Experimental, Intersecting, Thick Description
- **Dr. Mark McClure**, Dept of Chemistry and Physics
 - Student: Locklear, Briana
 - Project: Assignment of C-13 Resonances in a Series of Compounds Containing 2,2 - Bipyriaine & 1,10 - Phenanthroline
- **Dr. John Roe**, Dept of Biology
 - Student: Hoffman, Gareth
 - Project: Responses of Box Turtles to Prescribed burns in the NC Sandhills
- **Prof. Scott Ziegler**, Dept of Art
 - Student: Morris, Melvin
 - Project: Developing a Glaze Palette for the UNCP Ceramics Department
- **Prof. Adam Walls**, Dept of Art
 - Student: Happel, Thomas
 - Project: Toy Helicopter
- **Dr. Lisa Kelly**, Dept of Biology
 - Student: Ebaugh, Lindsey
 - Project: Trophic Ecology and Social Form of Invasive Fire Ants in Natural Ecosystems
- **Professor Michele Fazio**, Dept of English and Theater
 - Student: Torres, Sandra
 - Project: Voices of the Lumbee Documentary
- **Dr. Tulla Lightfoot**, Dept of Art
 - Student: Blackwell, Joan
 - Project: Historical and Cultural Murals of the Lumbee Tribe

Fall 2013: Class/Group Travel Fund

Dr. Kevin S. Freeman, Associate Professor and Chair of the Department of Political Science, is being awarded funds to take his class, Model United Nations (PLS 2060), to the Southern Regional Model United Nations (SRMUN), which culminates in a multi-school conference held in Atlanta in the Fall semester. The SRMUN attracts hundreds of

students from many Universities in the southeast. This year 18 UNCP students will participate in the SRMUN, representing Turkey and China models.

For more information:

[Southern Region Model United Nations](#)

Dr. Jaime Martinez, Assistant Professor in the Department of History, is being awarded funds to take a small group of History students to a symposium sponsored by the North Carolina Civil War Sesquicentennial Commission. This trip will not be limited to one specific class, but is open to all History and Social Studies Education majors, with a special focus on those who have expressed interest in attending graduate school programs in Public History.

For more information:

Symposium's [Brochure](#)

Frederick H. Stephens is an Assistant Professor in the Department of Social Work. Prof. Stephens is being awarded funding for his class, African American Populations, to travel to Pawley's Island, S.C., and take a charter boat over to Sandy Island. Sandy Island is home to a culture of Gullah/Geechee people who have lived on this Island for more than 100 years. The Gullah/GeeChee people continue to holdfast to their culture and as a community remain intact and live in isolation for the most part. Visitors travel to the Island by boat and are given a tour led by an expert on the culture. Prof. Stephens's mother was Gullah/GeeChee and made sure that he and his siblings were exposed to the subculture. Most recently Candice Glover, "American Idol" winner, whose powerful voice won her the title of the popular TV singing show, comes from the sea island culture of Gullah/Geechee with its rich history and proud people. The purpose of this trip is to expose students to a fascinating subculture. Students from previous trips found value in the experience and each of them presented their what they had learn about this unique subculture to several classes after the trip.

For More information:

[Gullah / Geechee Nation](#)

Fall 2013: Undergraduate Scholar Assistantships (USA)

Professor Brandon Sanderson, Dept of Art

- Project: Printmaking, Sculpture, and fashion design: Exploration and Excetution
- Student Assistant: Daniela Jimenez

Professor Rita Hagevik, Dept of Biology

- Project: Pollen transport in freshwater streams and on bees in the Southeastern Region of North Carolina
- Student Assistant: Olivia Green

Professor Tim Ritter, Dept of Chemistry and Physics

- Project: The Effects of Gravity on the Cori Cycle
- Student Assistant: Tiffany Scott

Professor Jamie Litty, Dept of Mass Communication

- Project: Cultural Geography of Scotland County
- Student Assistant: Matthew Campbell

Professor Michele Fazio, Dept of English and Theater

- Project: Voices of the Lumbee
- Student Assistant: Sandra Torres

Professor Jesse Rouse, Dept of Geology and Geography

- Project: Forest impacts and change in southeastern North Carolina
- Student Assistant: Justin Duncan

Professor Jeremy Sellers, Dept of Biology

- Project: Establishment of Cultured Cell Lines from the Red Imported Fire Ant
- Student Assistant: Nigel Hirth

Professor Brandon Sanderson, Dept of Art

- Project: Cost-Effective Positive-Resist Photolithographic Processes for the University Printmaking Studio
- Student Assistant: Kayla Seedig

Professor Jason Hutchens, Dept of Mass Communication

- Project: Voices of the Lumbee
- Student Assistant: Constance Faulk

Professor Lisa Kelly, Dept of Biology

- Project: Characterizing the function of Gp-9 alleles and examining the effects of ecological disturbances on colony social form distribution in *Solenopsis invicta*.
- Student Assistant: Mycah Sellers

Professor Catherine Parisian, Dept of English and Theater

- Project: The Strahan Archive: A Digital Edition
- Student Assistant: Amanda Davis

Professor Dandan Liu, Dept of Mass Communication

- Project: Building Sustainable Partnerships: A Case Study
- Student Assistant: Samantha Langley

Student Scholarship Support

- Coming Soon!

Student Travel Fund

STUDENT NAME	FACULTY MENTOR	MEETING
Thomas Neal	Maria Santisteban	Genome Education Partnership
Project Title: Workshop on Sequence Improvement and Genome Annotation		
Lateesha Caswell	Brandon Sanderson	Frogman's Print and Paper Workshop
Project Title: Frogman's Print and Paper Workshop		
Lindsay Roberts	Brandon Sanderson	Frogman's Print and Paper Workshop
Project Title: Open Portfolio at Frogman's Workshop		

Kayla Seedig

Brandon
Sanderson

Frogman's Print and Paper
Workshop

Project Title: Portfolio Presentation

Molly Musselwhite (Kruger)

Tim Ritter

NASA Reduced Gravity
Education Flight Program

Project Title: The Effects of Gravity on
the Cori Cycle

Alejandra Uribe Mitchell

Tim Ritter

NASA Reduced Gravity
Education Flight Program

Project Title: The Effects of Gravity on
the Cori Cycle

Tiffany Rene Scott

Tim Ritter

NASA Reduced Gravity
Education Flight Program

Project Title: The Effects of Gravity on
the Cori Cycle

Candace Langston

Tim Ritter

NASA Reduced Gravity
Education Flight Program

Project Title: The Effects of Gravity on
the Cori Cycle

Christopher Mckee

Cornelia Tirla

2013 Appalachian Energy
Summit Student Poster

Competition

Project Title: Portable Infraspect IR to
Determine Biodiesel Purity

Donella Hunt

Cornelia Tirla

2013 Appalachian Energy
Summit Student Poster
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