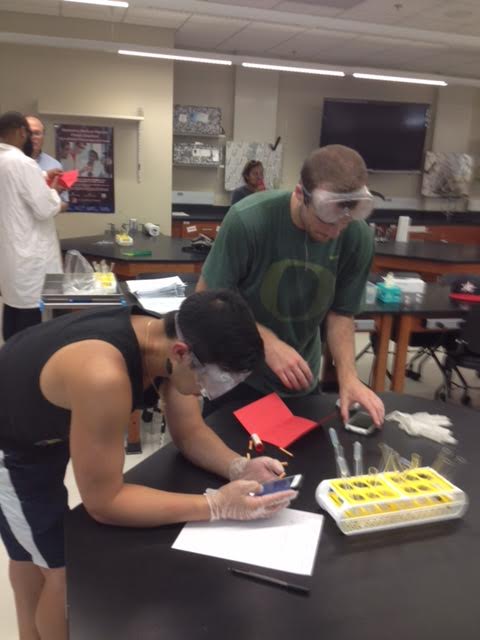
**University of Alabama**

**Noyce Scholars Program**

**Summer Internship**

**June 5-23, 2017**

**Schedule of UA Noyce Year 1 Activities**



**Facebook:** [**http://www.facebook.com/UANoyce**](http://www.facebook.com/UANoyce)

[**http://education.ua.edu/academics/ci/sci/**](http://education.ua.edu/academics/ci/sci/)

[**http://www.uanoyce.ua.edu/**](http://www.uanoyce.ua.edu/)

---------------------------------------------------------------------------------------------------------------------

This material is based on work supported by the National Science Foundation under Grant Number (DUE 1340069). Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.



**Co ntac ts for**

**Summer Interns h ip**

Krystal Flantroy

Internship Coordinator[kflantroy@crimson.ua.edu](mailto:kflantroy@crimson.ua.edu)

**For Further Information Contact:**

Dr. Dennis SunalScience Education [dwsunal@ua.edu](mailto:dwsunal@ua.edu)

**UA Noyce Scholars Program and Summer Internship 2017**

**Be a UA Noyce Scholar**

**If you are a chemistry, math or physics major and have a desire to make a difference, learn more about the UA Noyce Scholars Program. UA Noyce provides 1) paid summer internships for freshmen and sophomores, 2) scholarships for juniors and seniors of up to**

**$16,000/year, and 3) graduate with teacher certification and a major in your field.**

Dr.K.H. ShaughnessyChemistry [kshaughn@as.ua.edu](mailto:kshaughn@as.ua.edu)

Dr. J. Zelkowski Math Education

[jzelkow](mailto:jzelkowski@bamaed.ua.edu)[ski@ua.edu](mailto:ski@ua.edu)

Dr. J. W. Harrell Physics and Astronomy [jwharrelljr@gmail.com](mailto:jharrell@bama.ua.edu)

Dr. Jim Gleason Mathematics [jgleason@as.ua.edu](mailto:jgleason@as.ua.edu)

**Description of Internship Program**

**The University of Alabama (UA) Robert Noyce Summer Internship and Scholar- ship/Stipend Program funded by the Na- tional Science foundation, is designed to increase the number and diversity of grad- uating teachers certified in chemistry, physics, and mathematics, and teaching in Alabama. The internship will occur over 3 weeks, June 5-23, 2017, Monday thru Fri- day each week. Intern students who re- quire housing, will live on the UA campus and attend numerous activities related to chemistry, physics and mathematics. A weekly stipend of $450 (Total = $1350) will be given to cover living costs and time committed to the internship. Year 2 returnees will receive $1800 over 4 weeks. Selection will be made by the UA Noyce Scholar Intern selection committee.**

***Completed applications must be***

***submitted by May 15, 2017 or until all positions are filled. So do apply soon.***

**The summer internships are open to all**

**U. S. citizens and permanent residents who are successful college majors in chemistry, physics or math and have a stated interest in exploring teaching in their target discipline. Examples of in- ternship experiences possible are: 1) orientation to ongoing UA research programs and labs in science, technology, engineering and math (STEM), 2) visiting and assisting in school exemplary STEM classrooms, 3) conducting an undergraduate research project, 4) participating in UA departmental STEM seminars as well as STEM education and certification seminars 5) participating in a short courses on using technology for collecting and analyzing lab data 6) exploring career potential and opportunities in STEM fields, and 7) developing model equations and printing their 3-D molecular representation.**

**UA Noyce 3 Week Summer Internship**

**Activity Highlights At-A-Glance**

**June 5–9, 2017**

**Week 1**

**Monday, June 5 – 10:00 am – 8:00 pm**

* Check-in to Bryce Lawn dorm (4:30-6:30 Sunday or 8:30-9:30 Monday)
* Orientation *\*all Noyce Personnel, Teacher Mentors, and GRAs*
* Overview of Noyce 2017 Summer Internship & Bama Cash Card *\*all Noyce Personnel, Teacher Mentors, and Interns*
* Pre-testing – Career & Interest in Science/Math
* Tour of Engineering Quad Research Venues
* Afternoon Orientation Meeting at Warrior River Manderson Landing *\*all Noyce Personnel, Teacher Mentors, and Interns (Canceled due to weather-rescheduled)*

**Tuesday, June 6 – 9:00 am – 8:30 pm**

* STEM Teaching and the Noyce Scholarship Program *\*all Noyce Personnel, Teacher Mentors, and Interns*
* STEM, What is it?
* Alabama Course of Study for Science & Making Research Presentations
* Chemistry Lecture – Molecular Gastronomy

**Wednesday, June 7 – 9:00 am – 8:30 pm or later**

* TI-Nspire training – \**Jeremy Zelkowski*
* Afternoon Exploration Day Orientation Meeting *\*all Noyce Personnel, Teacher Mentors, and Interns*
* Afternoon Orientation Meeting at Warrior River Manderson Landing *Personnel, Teacher Mentors, and Interns*
* Astronomy Night at the UA Observatory (Alternate Date) – Sky Observing Activities

**Thursday, June 8 – 8:00 am – 4:30 pm**

* Drive to Tuscaloosa Career Technology Academy (High School) Engineering Lab- with Kris Strickland
* Career Orientation with Career Center
* Introduction to Coding Apps in Science and Math

**Friday, June 9– 9:00 am – 4:30 pm**

* Video Analysis - experimental data collection technique
* HS Exploration Day Preparation Activities –Review Alabama Course of Study – Science and Next Generation Science Standards for high school Exploration Day objectives in chemistry, mathematics and physics for activities on 6/12-16.
* Reflection Paper on what was learned during the week

**June 12-16, 2017**

**Week 2—Math & Physics Majors**

**Monday, June 12 – 8:30 am – 7:30 pm**

* Using ACOS to Develop Exploration Day Lessons
* Develop Exploration Days Activities & Research Project
* Assist in TCTA Short Course-Summer of Coding
* Tour of Moundville State Park, Museum followed with Internship Planning Meeting *\*all Noyce Personnel, Teacher Mentors, and Interns*

**Tuesday, June 13 – 8:30 am – 4:30 pm**

* Develop Exploration Days Activities & Research Project
* Assist in TCTA Short Course-Summer of Coding

**Wednesday, June 14– 8:30 am – 5:00 pm**

* Develop HS Exploration Days Activities & Research Project
* Assist in TCTA Short Course-Summer of Coding

**Thursday, June 15 – 8:30 am – 6:00 pm**

* Develop Exploration Days Activities & Research Project
* Assist in TCTA Short Course-Summer of Coding
* Exploration Day Planning Meeting *\*all Noyce Personnel, Teacher Mentors, and Interns*

**Friday, June 16 - 8:30 am – 4:30 pm**

* Develop Exploration Days Activities & Research Project
* Guidelines for research presentations for Physics/Math students
* Math & Physics Majors—Geogebra Mini Course Activities
* Reflection Paper on what was learned during the week



**June 12 – 16, 2017**

**Week 2—Chemistry Majors**

**Monday, June 12 – 8:00 – 8:30**

* ASM Materials Camp \**Martin Bakker*
* Tour of Moundville State Park, Museum followed with Internship Planning Meeting

**Tuesday, June 13 – 8:00 – 6:30**

* ASM Materials Camp \**Martin Bakker*
* Using ACOS and ASM to HS Develop Exploration Day Lessons

**Wednesday, June 14 – 8:00 – 6:30**

* ASM Materials Camp \**Martin Bakker*
* Develop HS Exploration Days Activities & Research Project

**Thursday, June 15 – 8:00 – 6:30**

* ASM Materials Camp \**Martin Bakker*
* Exploration Day Planning Meeting *\*all Noyce Personnel, Teacher Mentors, and Interns – at SCP*

**Friday, June 16– 8:00 – 5:00**

* ASM Materials Camp \**Martin Bakker* - Final Session
* Reflection Paper on what was learned during the week

**June 19 – 23, 2017**

**Week 3**

**Monday, June 19 – 9:00 – 4:00**

* Set-Up & Preparation for Exploration Day
* 3-D Printing Lab Project

**Tuesday, June 20 – 9:00 – 4:00**

* HS Exploration Days Lesson and Activities – Day 1

**Wednesday, June 21 – 9:00 – 5:00**

* HS Exploration Days Lesson and Activities – Day 2

**Thursday, June 22– 8:00 – 5:00**

* HS Exploration Days Lesson and Activities Debriefing
* Work on Project Presentations-- ASM & TCTA
* 3-D Print Product pick-up - Printing of Molecules
* Career Orientation Activities—Career Center in Ferguson
* Work on Project Presentations-- ASM & TCTA

**Friday, June 23– 8:00 – 4:30**

* Post Tests & Focus Groups
* Check out of dorm
* STEM Teacher Panel Discussion—STEM Teaching as a Career \*Noyce *Interns,* *Noyce Program Personnel, Teacher Mentors, UA and Community College Faculty*
* First Year Intern Undergraduate Research Presentations-- ASM & TCTA \*Noyce *Interns,* *Noyce Program Personnel, Teacher Mentors, UA and Community College Faculty*
* Summary, Debriefing Meeting, \**Noyce Program Personnel, , Teacher Mentors, UA and Community College Faculty & Noyce Interns*
* Reflection Paper on what was learned during the week



**UA Noyce Scholars Program**

**Summer Internship**

**June 5-23, 2017**

**Schedule of UA Noyce Year 1 Interns**

**Daily Activity Schedule**

**Monday, June 5, 2017**

8:30am-7:00pm

|  |  |  |
| --- | --- | --- |
| 8:30am-9:30am | **Check In**  May check into Dorm Sunday at 12:00-2:00pm  Check into Dorm Monday 8:30-9:30 am  *Krystal Flantroy* | Bryce Lawn Dorm |
| 10:00am-11:00am | **Orientation Noyce Internship Program**  Introductions, Overview of program and weekly details of the internship activities  \*Noyce *Interns,* *Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 11:00am-11:30am | **Bama Cash**  *Krystal Flantroy* | HUB Office |
| 11:30am-1:00pm | **Lunch** | Own your Own |
| 1:00pm  1:30pm-2:15pm | **Travel to Computer Lab**  *Pre-Testing*  *Marsha Simon and Krystal Flantroy* | 107 Graves Hall |
| 2:15pm-4:00pm | Tour of Engineering Quad  Meet at Bevill Hall Lobby  *Teacher Mentors* | Engineering Quad |
| 4:00pm-4:30pm | **Walk to Manderson Landing** |  |
| 5:00pm-7:30pm | **Manderson Landing Evening Meeting**  \**Noyce Interns, Noyce Program Personnel, Teacher Mentors* | Warrior River Manderson Landing Pavilion |



**Tuesday, June 6, 2017**

9:00am-8:30pm

|  |  |  |
| --- | --- | --- |
| 9:00am-10:30am | **STEM Careers & Noyce Scholarship**  \*Noyce *Interns,* *Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 10:30am-11:30am | **What is STEM?**  *Mike Odell*  *University of Texas at Tyler* |  |
| 11:30am-1:00pm | **Lunch** | On your own |
| 1:00pm-3:00pm | **Intro to AL Course of Study & Making Research Presentations**  \*Noyce *Interns,* *Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 3:00pm-4:30pm | **Molecular Gastronomy Chemistry Lecture**  *Marco Bonizzoni* | 3408 SEC |
| 6:30pm | **Walk to Gallalee Hall** | Gallalee Hall |





**Wednesday, June 7, 2017**

9:00am-5:15pm

|  |  |  |
| --- | --- | --- |
| 9:00am-12:00pm | **TI-Nspire Training**  *Jeremy Zelkowski* | 3408 SEC |
| 12:00pm-1:00pm | Lunch | On your own |
| 1:00pm-4:30pm | **TI-Nspire Training**  *Jeremy Zelkowski* | 3408 SEC |
| 4:30pm-5:15pm | **Orientation Meeting**  \*Noyce *Interns,* *Noyce Program Personnel, Teacher Mentors* | Shelby Courtyard |
| 6:30pm | **Walk to Gallalee Hall** | Gallalee Hall |
| 7:00pm-9:00pm | **Astronomy Night**  *Gallalee Hall Observatory*  *Ron Buta – with J. W. Harrell*  *Department of Physics and Astronomy* | Gallalee Hall |



**Thursday, June 8, 2017**

8:00am-4:30pm

|  |  |  |
| --- | --- | --- |
| 8:00am | **Travel to TCTA**  *Krystal Flantroy* | Hub Parking Lot? |
| 8:30am-11:30am | **Tuscaloosa Career & Technology Academy**  **Engineering Lab Tour**  *Krystal Flantroy* | TCTA |
| 11:30am-1:00pm | **Lunch** | On your own |
| 1:00pm-2:00pm | **Career Orientation**  *Jennie King* | Ferguson Center |
| 2:00pm-4:30pm | **Introduction to Coding**  *Jeff Gray* | 3408 SEC |



**Friday, June 9, 2017**

9:00am-4:30pm

|  |  |  |
| --- | --- | --- |
| 9:00am-11:30pm  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  11:30pm-4:00pm  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  4:00pm – 4:30pm | **Video Analysis experimental physics data collection technique**  *JW Harrell*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **HS Exploration Day Preparation Activities –Review Alabama Course of Study and Next Generation Science Standards for High School Exploration Day objectives in chemistry, physics, and mathematics for activities 6/12-16\***  **\***Library and Internet literature search and review is background for Activities 06/12-06/16 & 06/20-21. Start with the following;   1. *Alabama Course of Study* (ACOS) 2. *Next Generation Science Standards* (NGSS) 3. Back issues of *Science Teacher* & *Science Scope* 4. Search the Internet for Key Words related to objectives developed above 5. Include the three dimensions of ACOS and NGSS in objectives for each lesson    1. *Disciplinary Core Ideas*    2. *Scientific and Engineering Practices*    3. *Crosscutting Concepts*   ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***  **Reflection Paper on “What was learned” during the week 1** | 3408 SEC |

**Monday, June 12, 2017 – Physics and Math Majors**

8:00am-8:00pm

|  |  |  |
| --- | --- | --- |
| 8:00am-9:00am | **Using ACOS to Develop Lessons**  *Dennis Sunal*  *Krystal Flantroy*  *Jeremy Zelkowski*  *Noyce Interns, Teacher Mentors* | 3408 SEC |
| 9:00am-11:00am | **Develop HS Exploration Day Activities & Research Project**  *Noyce Interns, Teacher Mentors* | 3408 SEC |
| 11:00am-12:00pm | **Lunch** | On your own |
| 12:00pm-12:30pm  12:30pm-3:00pm | **Travel to TCTA**  **Assist in TCTA Classes**  **– Summer of Coding**  *Noyce Interns, Teacher Mentors* | TCTA |
| 3:00pm-4:00pm | **Travel To Moundville** | In Van from TCTA |
| 4:00pm-8:00pm | **Moundville Field Trip and Planning Exploration Day Meeting**  *All Noyce Personnel, Noyce Interns, Teacher Mentors* | Conference Center |



**Monday, June 12, 2017- Chemistry Majors**

8:00am-8:00pm

|  |  |  |
| --- | --- | --- |
| 8:00am-12:00am | **ASM- Materials Science Lab**  *Krystal Flantroy*  *Martin Bakker* | NERC |
| 12:00am-1:00pm | **Lunch** | ASM Provides |
| 1:00pm-3:00pm | **ASM- Materials Science Lab**  **Composite Materials**  *Martin Bakker* | NERC |
| 3:00pm-4:00pm | **Travel To Moundville** | Hub Parking Lot |
| 4:00pm-8:00pm | **Moundville Field Trip & Planning Exploration Meeting**  *\*Noyce Interns, Noyce Program Personnel, Teacher Mentors* | Conference Center |



**Tuesday, June 13, 2017 – Physics and Math Majors**

8:00am-5:30pm

|  |  |  |
| --- | --- | --- |
| 8:00am-11:30am | **Develop HS Exploration Day Activities & Research Project**  *Noyce Interns, Teacher Mentors* | 3408 SEC |
| 11:00am-12:00pm | **Lunch** | On your own |
| 12:00pm-12:30pm  12:30pm-5:30pm | **Travel to TCTA**  **Assist TCTA Classes**  -Summer of Coding | Hub Parking Lot  TCTA |



**Tuesday, June 13, 2017- Chemistry Majors**

8:00am-6:00pm

|  |  |  |
| --- | --- | --- |
| 8:00am-12:00am | **ASM- Materials Science Lab**  *Martin Bakker* | NERC |
| 12:00pm -1:00pm | **Lunch** | ASM Provides |
| 1:00pm-5:00pm | **ASM- Materials Science Lab**  *Martin Bakker* | NERC |
| 5:00pm-6:00pm | **Using ACOS to Develop ASM Lessons**  *Kevin Shaughnessy*  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |



**Wednesday, June 14, 2017 – Physics and Math Majors**

8:00am-5:30pm

|  |  |  |
| --- | --- | --- |
| 8:00am-9:00am | **Using ACOS to Develop Lessons**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 9:00am-11:00am | **Lesson Literature Review**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | Rodgers Library |
| 11:00pm-12:00pm | **Lunch** | On Your Own |
| 12:00pm-12:30pm  12:30pm-5:30pm | **Travel to TCTA**  **Assist in TCTA Course-**  **Summer of Coding**  *Noyce Interns, Teacher Mentors* | TCTA |





**Wednesday, June 14, 2017 – Chemistry Majors**

8:00am-6:00pm

|  |  |  |
| --- | --- | --- |
| 8:00am-12:00am | **ASM- Materials Science Lab**  *Martin Bakker* | NERC |
| 12:00am-1:00pm | **Lunch** | ASM Provides |
| 1:00pm-5:00pm | **ASM- Materials Science Lab**  *Martin Bakker* | NERC |
| 5:00pm-6:00pm | **Research Literacy on Teaching**  *Noyce Interns, Teacher Mentors* | Rogers Library & Internet |



**Thursday, June 15, 2017 – Physics and Math Majors**

8:00am-6:30pm

|  |  |  |
| --- | --- | --- |
| 8:00am-11:30am | **Develop HS Exploration Day Activities & Research Project**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 11:30-12:30pm | **Lunch** | On Your Own |
| 12:30pm-1:00pm | **Travel to TCTA** | Hub Parking Lot |
| 1:00pm-5pm | **Assist in TCTA Classes-**  **Summer of Coding**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | TCTA |
| 5:00pm-5:30pm  5:30pm-6:30pm | **Travel to SCP**  **Exploration Planning Meeting**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | In Van - Travel |





**Thursday, June 15, 2017- Chemistry Majors**

8:00am-6:30pm

|  |  |  |
| --- | --- | --- |
| 8:00am-12:00am | **ASM- Materials Science Lab**  *Martin Bakker* | NERC |
| 12:00am-1:00pm | **Lunch** | ASM Provides |
| 1:00pm-5:00pm | **ASM- Materials Science Lab**  *Martin Bakker* | NERC |
| 5:00pm-5:30pm  5:30pm-6:30pm | **Travel to SCP**  **Exploration Planning Meeting**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | Meet at Hob Parking Lot |



**Friday, June 16, 2017 – Physics and Math Majors**

9:00am-5:00pm

|  |  |  |
| --- | --- | --- |
| 9:00am-11:30am | **Develop Camp Activities and Research Project**  *Noyce Personnel and Interns* | 3408 SEC |
| 11:30am-1:00pm | **Lunch** | On your own |
| 1:00pm-5:00pm | **Geogebra**  *Jim Gleason*  **Reflection Paper on “What was learned” during the week 2** | 3408 SEC |





**Friday, June 17, 2016- Chemistry Majors**

8:00am-5:00pm

|  |  |  |
| --- | --- | --- |
| 8:00am-12:00am | **ASM- Materials Science Lab**  *Martin Bakker* | NERC |
| 12:00am-1:00pm | **Lunch** | ASM Provides |
| 1:00pm-5:00pm | **ASM- Materials Science Lab**  *Martin Bakker*  **Reflection Paper on “What was learned” during the week 2** | NERC |





**Monday, June 19, 2017**

9:00am-4:30pm

|  |  |  |
| --- | --- | --- |
| 9:00am-11:30am | **Set-Up & Preparation**  **for Exploration Days**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 11:30am-1:00pm | **Lunch** | On Your Own |
| 1:00pm-2:00pm | **Finish Prep for Exploration Day**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 2:00pm-2:30pm  2:30pm-4:30pm | **Walk to Rogers Library**  *Teacher Mentors*  **3-D Printing Lab**  *Vincent Scalfani* | Rogers Science and Engineering Library |





**Tuesday, June 20, 2017**

8:30am-4:30pm

|  |  |  |
| --- | --- | --- |
| 8:30am  9:00am-12:00pm | **Preparations**  **High School Student Exploration Day 1**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 12:00pm-1:00pm | **Lunch** |  |
| 1:00pm-4:00pm  4:00pm–4:30 pm | **High School Student Exploration Day 1**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors*  **Clean-up & Set-up for Tuesday Day 2**  *Noyce Interns, Teacher Mentors* | 3408 SEC |

****

**Wednesday, June 21, 201**

8:30am-4:30pm

|  |  |  |
| --- | --- | --- |
| 8:30 am  9:00am-12:00pm | **Preparations**  **High School Student Exploration Day 2**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 12:00am-1:00pm | **Lunch** |  |
| 1:00pm-4:00pm  4:00pm–4:30 pm | **High School Student Exploration Day 2**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors*  **Clean-up**  *Noyce Interns, Teacher Mentors* | 3408 SEC |



**Thursday, June 22, 2017**

9:00am-5:30pm

|  |  |  |
| --- | --- | --- |
| 9:00am-10:00am | **High School Student Camp Exploration Debrief**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC |
| 10:00am-12:00pm | **Work on Research Project Presentations – ASM & TCTA**  *Noyce Interns, Teacher Mentors* | 3408 SEC |
| 12:00pm-1:00pm | **Lunch** | On your own |
| 1:00pm-1:30pm | **3D Pick Up** | Rogers Library |
| 1:30pm-3:30pm  3:00pm-5:30pm | **Career Orientation Follow-Up**  *Jennie King*  **Work on Research Project Presentations**  *Noyce Interns, Teacher Mentors* | Ferguson Center  3408 SEC |





**Friday, June 23, 2017**

8:00am-4:00pm

|  |  |  |
| --- | --- | --- |
| 8:00am-9:15am | **Post Test**  **Focus Groups**  *Marsha Simon*  *Krysta Flantroy*  *Aaron Kuntz* | 107 Graves Hall |
| 9:15am-11:00am | **Check out of Dorm** |  |
| 11:00am-12:00pm    12:00pm-3:00pm | **STEM Teacher Panel**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors*  **Year 1 Student Research Results Presentations**  *Noyce Interns, Noyce Program Personnel, Teacher Mentors* | 3408 SEC  3408 SEC |
| 3:00pm-4:00pm | **Summary/Debriefing/Reflection**  *with 2016 Noyce Interns, Teacher Mentors, Noyce/APEX Scholarship students, Community College and Noyce Faculty/Staff*  **Reflection Paper on “What was learned” during the week 3** | 3408 SEC |







**UA-NOYCE SCHOLARS PROGRAM**

**PERSONNEL DIRECTORY**

**NSF PROJECT: DUE** 1340069 **The University of Alabama Noyce Scholars Program for Pre-service Teachers in Chemistry, Physics, and Mathematics**

**Noyce Program Personnel**

**Dennis W. Sunal**

PI, NSF UA-Noyce Scholars Program Project

Department of Curriculum and Instruction

205C Graves Hall

College of Education

University of Alabama, Box 870232

Tuscaloosa AL 35487-0232

**Ph: Office 205-348-7010 Fax: 205-348-9863 Email:** [**dwsunal@ua.edu**](mailto:dwsunal@ua.edu)

**JW Harrell**

CO-PI, NSF UA-Noyce Scholars Program Project

CO-PI UA-APEX Project

Physics and Astronomy Department

Gallalee Hall

College of Arts and Sciences

University of Alabama, Box 870324

Tuscaloosa AL 35487

**Ph: 205-792-6419 Fax: 205-348- 5051 Email:** [**jwharrelljr@gmail.com**](mailto:jwharrelljr@gmail.com)

**Jim Gleason**

NSF UA-Noyce Scholars Program Project - Mathematics Laision

Department of Mathematics

College of Arts and Sciences

328C Gordon Palmer Hall

University of Alabama, Box 870350

Tuscaloosa AL 35487

**Ph: Office: 205-348-5293 Email:** [**jgleason@ua.edu**](mailto:jgleason@ua.edu)

**Kevin Shaughnessey**

CO-PI, NSF UA-Noyce Scholars Program Project

Chair, Chemistry Department

College of Arts and Sciences

232 Shelby Hall

University of Alabama, Box 870336

Tuscaloosa AL 35487

**Ph: Office 205-348-4435 Email:** [**kshaughn@ua.edu**](mailto:kshaughn@ua.edu)

**Cynthia S. Sunal**

CO-PI, NSF UA-Noyce Scholars Program Project

Chair, Department of Curriculum and Instruction

Director, Office of Research on Teaching in the Disciplines

201 Graves Hall

Department of Curriculum and Instruction

College of Education

University of Alabama, Box 870232-0232

Tuscaloosa AL 35487

**Ph: Office 205-348-0360 Fax: 205-348-9863 Email:** [**cvsunal@ua.edu**](mailto:cvsunal@ua.edu)

**Sharon Vincent**

CO-PI, NSF UA-Noyce Scholars Program Project

UA-Noyce Community College Liaison

Box 180

Shelton State Community College

9500 Old Greensboro Rd.

Tuscaloosa, AL   35405

**Ph: Office 205-391-2208            Email** [**svincent@sheltonstate.edu**](mailto:svincent@sheltonstate.edu)

**Jeremy Zelkowski**

CO-PI, NSF UA-Noyce Scholars Program Project

Mathematics Education

Department of Curriculum and Instruction

212B Graves Hall

College of Education

University of Alabama, Box 870232-0232

Tuscaloosa AL 35487

**Ph: Office 205-348-9499 Email:** [**jzelkowski@ua.edu**](mailto:jzelkowski@bamaed.ua.edu)

**Teacher Mentors**

|  |
| --- |
| **Mandy Anderson**  NSF UA-Noyce Scholars Program Project |
| **Danielle Djikanovic**  NSF UA-Noyce Scholars Program Project |
| **Bethany West**  NSF UA-Noyce Scholars Program Project |

**Noyce Program Coordinator**

**Krystal Flantroy**

NSF UA-Noyce Scholars Program Graduate Research Assistant – Administrative

Department of Curriculum and Instruction

College of Education

205B Graves Hall

University of Alabama, Box 870232-0232

Tuscaloosa AL 35487

**Ph: Cell 678-984-9111 Fax: 205-348-9863 Email:** [**kflantroy@crimson.ua.edu**](mailto:kflantroy@crimson.ua.edu)

**Krystal Flantroy**

NSF UA-Noyce Scholars Program Graduate Research Assistant – Teacher MentorCoordinator

Department of Curriculum and Instruction

College of Education

205B Graves Hall

University of Alabama, Box 870232-0232

Tuscaloosa AL 35487

**Ph: Cell 678-984-9111 Fax: 205-348-9863 Email:** [**kflantroy@crimson.ua.edu**](mailto:kflantroy@crimson.ua.edu)

**UA-Noyce Community College Liaisons**

**Bevill State Community College, Jasper**

David Wages II

UA-Noyce Community College Liaison

Mathematics Department

Room 144

Bevill State Community College

2631 Temple Avenue N   
Fayette, AL 35555

**Ph: (205) 932-3221 ext 5193 Or 800-648-3271 ext 5193 Email:** [**dwages@bscc.edu**](mailto:dwages@bscc.edu)

Home mail address: 511 Columbus St W; Fayette, AL 35555

**Calhoun Community College**

Amanda J. Hendrix

UA-Noyce Community College Liaison

Natural Sciences - Chemistry

Calhoun Community College

6250 Highway 31 N

Tanner, Al 35671

Office 370H

Office #: 256-306-2832

**Ph: 256-306-2832              Email:** [**ajh@calhoun.edu**](mailto:ajh@calhoun.edu)

Home mail address: 1802 Eastwood Dr.

Decatur, AL 35601

**Central Alabama Community College**

Jeremy Carr

UA-Noyce Community College Liaison

Chemistry Instructor

Central Alabama Community College

Alexander City, Alabama

**Email:** [**jcarr@cacc.edu**](mailto:jcarr@cacc.edu)

**Enterprise State Community College**

Robert Chambless

UA-Noyce Community College Liaison

Physical Science Instructor

600 Plaza Drive, P.O. Box 1300

Enterprise, AL  36331

Ph: 334-347-2623 ext. 2258 Email: [**Rchambless@escc.edu**](mailto:Rchambless@escc.edu)

**Gadsden State Community College**

Brian Geislinger

UA-Noyce Community College Liaison

Physics and Astronomy Instructor

Gadsden State Community College

P.O. Box 227

Gadsden AL 35903

Office:   Browder Hall Rm 206A

Ph:  256.549.8434 Fax:  256.549.8499 Email: [**bgeislinger@gadsdenstate.edu**](mailto:bgeislinger@gadsdenstate.edu)

**Jefferson State Community College**

Ali Yazdi

UA-Noyce Community College Liaison

Associate Dean of Transfer/General Studies (Jefferson Campus)

Physics Department

Jefferson State Community College

Carson Hall 317

2601 Carson Rd.

Birmingham, AL 35215

**Ph: (205)856-7799 Fax: (205)856-7798** Email: [**ayazdi@jeffstateonline.com**](mailto:ayazdi@jeffstateonline.com)

**Lawson State Community College**

Dr. Shawanda Thomas

Mathematics Department

Lawson State Community College

1100 Ninth Avenue SW

Bessemer, AL  35022

Office A-255B (Bessemer) and B-125a (Birmingham)

PH: (205) 929-3443 Email: [**sthomas@lawsonstate.edu**](mailto:sthomas@lawsonstate.edu)

**Northwest-Shoals Community College**

Kim Sheppard (Ricketts)

UA-Noyce Community College Liaison

Mathematics Instructor

Northwest-Shoals Community College

PO Box 2545

Muscle Shoals AL 35662

**Ph: (256) 331-5331    Cell: (256) 702-0244     Email:** [**kim.sheppard@nwscc.edu**](mailto:kim.sheppard@nwscc.edu)

**Shelton State Community College**

Sharon Vincent

UA-Noyce Community College Liaison

Department of Natural Sciences

Box 180

Shelton State Community College

9500 Old Greensboro Rd.

Tuscaloosa, AL   35405

**Ph: Office 205-391-2208            Email** [**svincent@sheltonstate.edu**](mailto:svincent@sheltonstate.edu)

**Southern Union State Community College**

Ron Sanders

Physics Instructor

Southern Union State Community College- HAC Building

1701 LaFayette Parkway

Opelika, AL 36801

**Ph: 334-745-6437 ext 5456. Email:** [**rsanders@suscc.edu**](mailto:rsanders@suscc.edu)

**Southern Union State Community College**

Tom Wynn

Chemistry Instructor

Southern Union State Community College- HAC Building

1701 LaFayette Parkway

Opelika, AL 36801

**Ph: 334-745-6437**  **Email:** [**twynn@suscc.edu**](mailto:twynn@suscc.edu)

**Wallace Community College, Selma**

Tammie Briggs

UA-Noyce Community College Liaison

Arts and Sciences Department

3000 Earl Goodwin Parkway

Wallace Community College

Selma, AL 36702

Mail address: 53 Pine Mountain Ct.

Millbrook, AL 36054

**Ph: 334-876-9236 Email:** [**tammie.briggs@wccs.edu**](mailto:tammie.briggs@wccs.edu)

**Wallace State Community College, Hanceville**

Rosalyn Meadows

UA-Noyce Community College Liaison

Chemistry Department

Wallace State Community College, Hanceville

801 Main Street

Hanceville, AL 35077

**Ph: 256-352-8212 Email:** [**rosalyn.meadows@wallacestate.edu**](mailto:rosalyn.meadows@wallacestate.edu)