Thirteen PRIME STEM students graduated with this spring, bringing the total number of graduates to 78!

Congratulations graduates!!

<table>
<thead>
<tr>
<th>Oluwaseyi Akinyooye</th>
<th>Austin Espinal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Sciences</td>
<td>Medical Laboratory Sciences</td>
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<td></td>
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<tr>
<td>Emmanuela Jean</td>
<td>Deja Jean-Pierre</td>
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<tr>
<td>Molecular Biology and Microbiology</td>
<td>Molecular Biology and Microbiology/Health Sciences</td>
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<td></td>
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<tr>
<td>Kerry-Ann Latham</td>
<td>Chantalle Maragh</td>
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<tr>
<td>Interdisciplinary Studies</td>
<td>Biology</td>
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<tr>
<td>Aaron Mitchell</td>
<td>Cindy Moline</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>Computer Science</td>
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<td></td>
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<tr>
<td>John Orelien</td>
<td>Nicole Parada Parra</td>
</tr>
<tr>
<td>Biomedical Sciences</td>
<td>Biomedical Sciences</td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Lee Sully</td>
<td>Roberto Tang</td>
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<tr>
<td>Computer Engineering</td>
<td>Electrical Engineering</td>
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<tr>
<td>Eillin Zamudio</td>
<td>Plus…</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>Natasha Gumiie</td>
</tr>
<tr>
<td></td>
<td>MS in Biotechnology</td>
</tr>
</tbody>
</table>

Congratulations to PRIME’s
Spring 2015 Academic Honorees

PRIME STEM had six scholars earn a space on the Dean’s List for Spring 2015:
- Daniel Batista
- Chelsea Camps
- Wesla Lalanne
- Kaithlyn Pinnock
- Ashley Williams
- Jacqueline Williams

Keep up the great work, scholars!
What’s New with PRIME STEM

PRIME STEM is excited to announce the addition of more than 25 new scholars. These students include Biology, Biomedical Sciences, Chemistry, Computer Science, Information Technology, Math, and Mechanical Engineering majors. Welcome, Scholars!

Need Help with Classes?

PRIME has two in-office tutors available this summer. Ethan can assist you with math, chemistry, physics, and even some engineering courses. Ashley is available for biology and physiology courses. Summer B tutoring schedules are below on the right.

SARC Tutoring and supplemental instruction are also available all summer. Check out the SARC schedule at http://sarc.sdes.ucf.edu/.

Check Out our Study Guides

The PRIME Office staff have been working hard to establish a system for scholars to check out study resources. Now scholars may check out GRE, MCAT, DAT, and other study guides with Ms. Angela. Stop by the office to see what FREE resources are available!

PRIME STEM Welcomes New Coordinator

Jennifer Carbon joined the PRIME STEM Office in March. Ms. Carbon previously worked as an academic advisor for science majors at the University of South Florida St. Pete. Stop in and say hello!

PRIME STEM Tutoring Hours

**Ethan**

Wednesday 11:00-2:00

Thursday 11:00-2:00

**Ashley**

Monday 12:00-1:30

Tuesday 12:00-1:30

Wednesday 12:00-1:30

Thursday 12:00-1:30

Stop in and say hello!
My Research Experience
By Jacqueline Williams, Peer Mentor for Biology/Biomedical Sciences

In my sophomore year, I visited the Office of Undergraduate Research (OUR) during their peer mentor hours. After I spoke with mentor about how to get into research, I received the password for the research position database. I had emailed professors before and either gotten no response or a rejection. However, my faculty mentor was listed in the database and wanted to have a meeting with me after I had made contact. I went in for the interview and I spoke with my current mentor and the graduate student of lab. I enjoyed learning about the research he spoke about and I signed for the Directed Independent Research Credit for the summer C term in 2014. After the summer term, I decided to continue in the lab so I applied for the Research and Mentor Program (RAMP) in the fall. This last spring, I was able to present the research that our lab had been working on at the Florida Undergraduate Research Conference (FURC) at Embry-Riddle University and Showcase of Undergraduate Research Excellence (SURE) at UCF.

Current Research:
The Structural Basis of Neurotoxicity of Alzheimer’s Disease
We are currently using biophysical techniques such as FTIR spectroscopy and Circular dichroism to identify the different structures of proteins. These structures are important since they may be the cause of toxicity in the brain.

tldr
It took me awhile to get involved to get in research, the key is to keep trying to get involved and not giving up. Make sure to visit OUR which is located in Technology Commons II in room 209. The peer mentor hours are Mondays, 9am-12pm and Thursdays, 12pm-4pm. I have listed their website. http://www.our.ucf.edu/

Want to Learn More about OUR?
If you need any help getting started in research, if you have questions about different research programs that you would like to get involved in, if you need help in creating an email for a potential faculty mentor, if you need help preparing for an interview with a faculty mentor, if you want to discuss the purpose of undergraduate research or anyone other questions/concerns, do not hesitate to ask me or email any questions/concerns. My email is jacqueline.williams@ucf.edu.
UCF Welcomes Nanotechnology Degree
By Bryan Perez, Peer Mentor for Biology/Biomedical Sciences

There have been countless advances in the nanotechnology field that UCF has decided to offer a Master of Science in Nanotechnology. What is nanoscience and nanotechnology? It is the examination and application of microscopic materials. We may not realize how nanoscience and nanotechnology is applied to everyday things. This technology is applied from sports equipment and even in fabrics to prevent the growth of bacteria! It also includes applications in the medical field and in electronics.

The two-year Master of Science in Nanotechnology will prepare students in a research pathway. Throughout the program students will establish business and entrepreneurial skills needed to present discoveries to companies. The program is expected to start in 2015 and has been stated that the program works with 21 companies already. This program is expected to attract students that have acquired a bachelor’s degree in engineering, physics, and biology.

Mentoring Matters!

"Chemika [St. Juste]'s presence at PRIME STEM has been very beneficial for me! Ever since I met Chemika she has been there for me not only as my peer mentor, but also as a friend. She's very thoughtful, kind, and very encouraging. I am more confident in attacking the obstacles that come along with being a transfer student majoring in Biomedical Sciences."
— Hermanie Pierre-Noel, PRIME Scholar/Biomedical Sciences

Summer Peer Mentors
Bryan Perez (Summer A)
Chemika St Juste (Summer A/B)
Jacqueline Williams (Summer A/B)
Janet Chen (Summer B)
Olivia Rashid (Summer B)

Interested in becoming a PRIME STEM Peer Mentor? We will be looking for 1-2 mentors for Engineering and Computer Science majors.

To qualify, candidates must:
* Be a junior or senior (preferred)
* Have a minimum 3.5 GPA
* Have good knowledge of their major and college
* Have good knowledge of university resources
* Be comfortable working with and presenting to large groups

Peer Mentor applications are available in the PRIME STEM Office (HPH 208).

Contact Jennifer Carbon if you have any questions at Jennifer.Carbon@ucf.edu.
Clinical Research Internship and Clinical shadowing internship opportunities

The UCF Burnett School of Biomedical Sciences has established agreements with a number of health care provider organizations and physician practitioners in the greater Orlando area, to implement one-semester long clinical shadowing internship opportunities for UCF premedical students, as well as a one-year Clinical Research Internship with Florida Hospital Orlando. Participating students are required to register for one credit (MCB 4941) for the one-semester internship courses, and for two credits for the one-year research internship course (MCB 4912). The students’ service efforts and attendance record are evaluated at the end of the semester of service by the physicians they shadow, or by pertinent administrators of the medical facility where their service took place.

The prerequisite for the Surgical, Private Practice and Osteopathic Internships is to have completed either ZOO 3733C Anatomy or PCB 3703C Physiology. The prerequisite for the Clinical Research Internship is BSC 3403C Quantitative Biological Methods.

You can find the description of the four programs (Surgical, Private Practice, Osteopathic, and Clinical Research): [http://med.ucf.edu/biomed/pre-health-information/internships/](http://med.ucf.edu/biomed/pre-health-information/internships/)

Here is a direct link to the application: [http://med.ucf.edu/biomed/files/2015/05/Clinical-Internship-Application.pdf](http://med.ucf.edu/biomed/files/2015/05/Clinical-Internship-Application.pdf)

Applications are due to HPA2 335 by Friday, July 31st, 5:00 p.m.

For more information, please contact:
Robert Borgon, Ph.D.
Assistant Professor, Molecular Biology and Microbiology
Burnett School of Biomedical Sciences
College of Medicine
HPA2 Room 317
Robert.Borgon@ucf.edu
407-823-5798

Have You Registered for Fall 15 and Spring 16 Yet?

One of the benefits of being a PRIME STEM scholar is Multiple Term Registration—the ability to register for summer, fall, and spring classes all at once.

If you are not yet signed up for fall and spring classes, log on to MyUCF and add classes today. Visit your academic advisor for assistance and make an appointment at the PRIME STEM Office to review your classes.
## PRIME STEM NEWS

**PRIME STEM/Student Support Services**  •  **University of Central Florida**  •  Summer 2015

### July/August 2015

<table>
<thead>
<tr>
<th>Day</th>
<th>Event</th>
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<tbody>
<tr>
<td><strong>July</strong> 2</td>
<td>Session B Drop/Swap Deadline</td>
</tr>
<tr>
<td>3</td>
<td>Campus Closed—Independence Day (Observed)</td>
</tr>
<tr>
<td>4</td>
<td>Independence Day</td>
</tr>
</tbody>
</table>
| 7 | Successful Interviewing 11am in CSEL 115  
  Getting A’s Using Time Management 4pm in Nike Programming Center: Bldg 101 |
| 8 | Are You Considering Graduate or Professional School 3pm in Parking Lot B7a |
| 9 | Discover Your Learning Style 4pm in Nike Programming Center: Bldg 101 |
| 14 | Preparing For Professional School 4pm in Nike Programming Center: Bldg 101 |
| 15 | **PRIME STEM Professional School Workshop** 3pm in Teaching Academy: Room 301 |
| 16 | Networking Strategies 3pm in CSEL 115  
  Study Skills and Test Preparation 1pm in Nike Programming Center: Bldg 101 |
| 17 | Session D Classes End |
| 21 | Reducing Test Taking Anxiety 6pm in Hercules 108: Programming Center |
| 22 | Salary Negotiation 11am in CSEL 115 |
| 28 | Avoiding Procrastination 4pm in Student Union: Garden Key Meeting Room (Room 221) |
| 29 | **PRIME STEM Celebrates TRiO Day!** |
| 30 | Building Winning Resumes 12:30pm in CSEL 115  
  Successfully Transitioning to Fall Semester Neptune 158 Classroom |
| 31 | Application Deadline for Fall Undergraduate Research Grants  
  Application for Clinical Research Internship and Clinical Shadowing Internship Due*** |

### Aug 1

<table>
<thead>
<tr>
<th>Day</th>
<th>Event</th>
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<tbody>
<tr>
<td>Fall Graduation Application Deadline</td>
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<tr>
<td>3-5</td>
<td><strong>Exam Jam</strong> HPH 208</td>
</tr>
<tr>
<td>7</td>
<td>Session B &amp; C Classes End</td>
</tr>
<tr>
<td>12</td>
<td>Application for ICUBED Due</td>
</tr>
<tr>
<td>24</td>
<td>Fall Classes Begin</td>
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<tr>
<td>26-28</td>
<td><strong>Getting Started-Undergraduate Research Workshop</strong> 10am in Student Union room 221</td>
</tr>
</tbody>
</table>

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**Career Services**  •  **Student Academic Resource Center (SARC)**  •  **PRIME STEM**  
**Office of Undergraduate Research**  •  **Burnett School of Biomedical Sciences**
Save the Date!

You are cordially invited to

PRIME STEM’s National TRiO Day Celebration

Enjoy food and beverages with us as we celebrate the accomplishments of our scholars.

Date: Wednesday, July 29th
Time: 4:00—6:00 PM
Location: TBA
Scholarship Opportunities

Free money is the best money! Check out some of the upcoming scholarships available. Deadlines are quickly approaching so don’t delay!

ATTORNEY MARKETING NETWORK: Essay + additional requirements
AWARD: $1,000
DEADLINE: June 30, 2015
For application forms and further information, please visit: www.attorneymarketingnetwork.com/scholarship/

DRY DEFENDER $1,000 PROTECT YOUR BED SCHOLARSHIP
AWARD: $1,000
DEADLINE: June 30, 2015
For further information, including applications, please visit protectivebedding.com/dry-defender-protect-your-bed-scholarship

ONLINE JOB SCHOLARSHIP: Essay required
AWARD(s): $250
DEADLINE: July 1, 2015 (Fall Semester)
For further information including applications, please visit: www.onlinejobapplications.com/scholarship-offering/

STUDENT THOUGHT LEADERSHIP SCHOLARSHIP:
Essay required; Min GPA 2.75
AWARD(s): $1,000 (First Place)
$750 (Second Place)
$250 (Third Place)
DEADLINE: July 1, 2015
For further information, including applications, please visit www.micreditlawyer.com/mcel-thought-leadership-scholarship/

BUD SIEGFRIED SCHOLARSHIP: Essay required
AWARD(s): $1,000
DEADLINE: July 15, 2015
For application forms and further information, please visit: www.siegfriedandjensen.com/scholarships

ICING ON THE RING TRIUMPH OVER BREAST CANCER SCHOLARSHIP: Essay required
AWARD: $1,000
DEADLINE: Fall Semester- July 31st each year
For further information, including applications, please visit: www.icingonthering.com/triumph-over-breast-cancer-scholarship/

WOMEN’S EXECUTIVE COUNCIL: Essay required, Min GPA 3.5
AWARD(S): $1,972
DEADLINE: August 8, 2015
For application forms and further information, please visit: www.wecorlando.com/scholarship-information.html

HORTICULTURE SCHOLARSHIP: Essay required
AWARD: $500
DEADLINE: August 10, 2015
For application forms and further information, please visit: www.avantgardendecor.com/scholarship

TUTOR PEOPLE SCHOLARSHIP: Essay required
AWARD: $1,000
DEADLINE: August 15, 2015
For further information, including applications, please visit: www.helicopternewyorkcity.com/scholarship/

KATZ & PHILLIPS, P.A., BEATING HEART DISEASE SCHOLARSHIP: Essay required; Min 2.8 GPA
AWARD(s): $1,000
DEADLINE: August 31, 2015
For further information, including applications, please visit: www.asbestos.com/scholarship/

THE ZEBRA SAFE DRIVER SCHOLARSHIP: Essay required
AWARD: $500
DEADLINE: August 31, 2015
For application forms and further information, please visit: www.quoted.thezebra.com/1361/the-zebra-safe-driver-scholarship/

For more scholarship opportunities, visit the UCF Office of Financial Assistance Scholarship page (http://finaid.ucf.edu/scholarships/) and click on “Scholarship List” on the right-hand side of the page.
Attention Pre-Medical, Pre-Dental, and Pre-Podiatry Students

The Letters Packet for the 2015-2016 application cycle is now live can be accessed at: http://www.phpladvising.ucf.edu/letters_packet/. If you plan to apply for fall 2016, please READ through the Applicant Instructions and all components of the Letters Packet.

If you plan to apply to Medical, Dental, or Podiatry schools for entry beginning in Fall 2016, then you are likely already aware of the OPHPLA Letters Packet service. Medical, dental, and podiatry schools do not want you - the applicant - to come into contact with the letters of evaluation written about you, and the OPHPLA Office can act as a “bridge” between your designated letter writers, their letters of evaluation about you, and your schools. The Letters Packet service allows your designated letter writers to send their letters of evaluation about you to one centralized location (the PHPL Office), and they will then upload the letters on your behalf to the schools you apply to via your application service (i.e., AMCAS, AACOMAS, AADSAS, or AACPMA). Additionally, use of the Letters Packet allows you to submit an Autobiography to your schools that would not be sent without using the Letters Packet.

Deadlines to electronically submit all components of the Letters Packet to OPHPLA are:
- May 1 - Gold Zone Deadline (Preferred Deadline)
- June 15 - Silver Zone Deadline (Next Preferred Deadline)
- July 31 - Bronze Zone Deadline (Final Deadline)

The earlier you complete and submit the components of your Letters Packet to us, the better for you. Said differently, delaying submission of your Letters Packet to our office could disadvantage you in the application process by delaying the completion of your application materials to your schools.

For any questions about the Letters Packet, please contact Susie at Susan.Yantz@ucf.edu, ask for her at 407-823-3033, or stop in to see her in her office in Ferrell Commons 203.
Graduation is just around the corner. We know you want people to know how much effort you have put into college!

Come by the office (Howard Phillips Hall 208) and pick up your PRIME STEM/TRiO graduation cord. Display your accomplishment proudly!

Graduating Fall 2015?

If you are planning to graduate, don’t forget to:

- Complete and submit your intent to graduate form
- See the academic advisor in your major area for a final degree audit
- See your PRIME STEM advisor — Jennifer Carbon
- Come by the PRIME STEM office to pick up your cord
- Sign up for the PRIME STEM Alumni Association
- Complete the Final Destination Survey
- Order your cap, gown and invitations

Congratulations to all of the PRIME STEM/Student Support Services graduates! Best wishes for a bright future.

PREPARING TO APPLY FOR PROFESSIONAL SCHOOL

WEDNESDAY, JULY 17TH
3:00 IN TA 301

Professional school applications, personal statements, financial aid, and more...
PRIME STEM PROJECT/STUDENT SUPPORT SERVICES IS CURRENTLY ACCEPTING APPLICATIONS FOR THE 2015-2016 ACADEMIC YEAR

If you are a declared science, technology, engineering, or math major and answer YES to any of the following, you should apply!

- Are you (and your siblings) the first in your family to attend college?
- Do you qualify for a Federal Pell Grant?
- Do you have a documented disability?

*Peer Tutoring*
*Individualized Academic Advising*
*Federal Financial Aid Assistance*
*Financial Education*
*Graduate/Professional School Prep*
*Educational and Cultural Events*
*Peer Mentoring & More*

VISIT PRIME.SDES.UCF.EDU TO FILL OUT AN INTEREST FORM!

NOTE: The contents of this document were developed under a grant from the Department of Education. However, these contents do not necessarily represent the policy of the Department of Education, and you should not assume endorsement by the Federal Government.
The Point of Service Survey

Scholars, don’t forget to sign in and complete the PRIME STEM/SSS survey at the front desk when you come into the office. We need to hear from you! Thanks so much.

Also, don’t forget to stop by to see your peer mentor. He/she has lots of information for you.