Orientation

Biomedical Sciences PhD Program
Agenda

10:00 am Overview of BMS Program
10:30 am Concentration breakout session
11:00 am Lunch
Incoming Class 2019
46 students (4 MD/PhDs & 1 DMD/PhD)

Diverse geographically and culturally

- 35% Florida residents
- 33% non-Florida states from all regions of the US
- 32% international
- 18% underrepresented minority
- 68% women
Colleges Previously Attended by Incoming Class 2019

- Auburn University
- Ave Maria University (Florida)
- Bethune-Cookman University
- Brigham Young University
- California St. University
- Duke University
- Florida Gulf Coast University
- Florida State University
- Georgetown University
- Haverford College
- Illinois College
- Indiana University
- Michigan St. University
- North Carolina A & T
- Santa Fe College
- St. Mary’s College (Maryland)
- Southern Illinois University
- SUNY-Stony Brook
- SUNY-Buffalo
- University of Alberta
- University of Arizona
- University of Brasilia
- University of Central Florida
- University of Florida
- University of Georgia
- University of Louisiana Monroe
- University of Michigan
- University of Missouri
- University of North Carolina
- University of North Florida
- University of Pennsylvania
- University of South Carolina
- University of West Florida
- University of Wisconsin
- Washington & Lee University
- Winthrop University
# Incoming Students Participating in Summer Research Experience (16)

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Department</th>
<th>Faculty</th>
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</thead>
<tbody>
<tr>
<td>Christina Rothenberger</td>
<td>Aging</td>
<td>Shinichi Someya</td>
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<tr>
<td>Gabriela Peguero</td>
<td>Anatomy</td>
<td>Maria Zajac-Kaye</td>
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<tr>
<td>Xzavier Solone</td>
<td>Anatomy</td>
<td>Y Daaka</td>
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<tr>
<td>Kimberly Paulson</td>
<td>Biochemistry</td>
<td>Jorge Bungert</td>
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<tr>
<td>Krystal Giraudy</td>
<td>Biochemistry</td>
<td>Mingyi Xie</td>
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<tr>
<td>Savannah Weeks</td>
<td>Biochemistry</td>
<td>Melike Caglayan</td>
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<tr>
<td>Gregory Takacs</td>
<td>Molecular Genetics</td>
<td>Ed Scott</td>
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<tr>
<td>Sookie See-Chi Lee</td>
<td>Molecular Genetics</td>
<td>David Bloom</td>
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<tr>
<td>Yiran Shen</td>
<td>Molecular Genetics</td>
<td>Stephanie Karst</td>
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<tr>
<td>Grace Lloyd</td>
<td>Neuroscience</td>
<td>Benoit Giasson</td>
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<tr>
<td>Tara Cooper</td>
<td>Neuroscience</td>
<td>Sara Burke</td>
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<tr>
<td>Wooseok BRIAN Lee</td>
<td>Neuroscience</td>
<td>Borchelt</td>
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<tr>
<td>Yang Yang</td>
<td>Pharmacology</td>
<td>J Harrison</td>
</tr>
<tr>
<td>Andrew Morris</td>
<td>Physiology</td>
<td>Andrew Liu</td>
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<tr>
<td>Shyla Difunctorum</td>
<td>Physiology</td>
<td>Annette deKloet</td>
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<tr>
<td>Alejandro Albizu</td>
<td>Psychology</td>
<td>Adam Woods</td>
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Updates

Graduated 38 students 2018-19

Students have more flexibility/options
- Fast-tracking into labs/mentors
- 8 concentrations of study
- Increase in research/training opportunities
  - NIH training grants
  - Increase in number of graduate research faculty
  - New research opportunities in Lake Nona

New Curriculum Path Options
Curriculum Update

Biomedical Sciences
Ph.D. Pathways

Program concentrations:
- Physiology and Functional Genomics
- Biochemistry and Molecular Biology
- Cancer Biology
- Genetics
- Immunology and Microbiology
- Pharmacology and Therapeutics
- Neuroscience
- Molecular Cell Biology

Declared Concentration Selected
- Option A: Foundational Coursework
- Customized Coursework

Undeclared Foundational Coursework
- Concentration Selected
- Customized Coursework
Concentration Break-out Session

- Meet concentration coordinators and faculty
- Find out about curriculum paths and course requirements for each concentration
- Identify potential research rotations
Important (Helpful) People
Basic Science Department Chairs

Henry V. Baker, Ph.D.
Molecular Genetics & Microbiology

Robert A. Burne, Ph.D.
Oral Biology

Michael J. Clare-Salzler, M.D.
Pathology, Immunology & Laboratory Medicine

Yehia Daaka, Ph.D.
Anatomy & Cell Biology
Office of Graduate Education Staff

◆ Assist in transitioning students into the program during the first year

Amy Davis
Admissions
273-8601

Brett Looney
Course Management, Fiscal, Web
273-8602
Concentration Administrators

◆ Are available in the Departments to help with registration and Graduate School paperwork when the student joins a concentration

Concentration Coordinators

◆ Rotation presentations
◆ Advanced curricula & journal clubs
◆ Oversight of student progress
Biomedical Science Program
Eight Concentrations

- McKnight Brain Institute
- Diabetes Institute
- Genetics Institute
- Nanoscience Institute
- Gene Therapy Institute
- Center for Smell & Taste
- Emerging Pathogens Institute
- Cancer Center
- Center for Regenerative Medicine
- Institute on Aging
- Myology Institute
- Clinical Translational Science Institute
Concentration Coordinators

Biochemistry & Molecular Biology

Jorg Bungert, Ph.D.,
Co-Coordinator

Dietmar Siemann, Ph.D.
Co-Coordinator

Mathew Merritt, Ph.D.,
Co-Coordinator

Cancer Biology

Maria Zajac-Kaye, Ph.D.,
Co-Coordinator
Genetics

Lei Zhou, Ph.D.,
Co-Coordinator

Peggy Wallace, Ph.D.,
Co-Coordinator

Immunology & Microbiology

Scott Tibbetts, Ph.D.,
Co-Coordinator

Mary Ellen Davey, Ph.D.,
Co-Coordinator

Clayton Mathews, Ph.D.,
Co-Coordinator
Molecular Cell Biology

Alexander Ishov, Ph.D., Co-Coordinator

William Dunn, Ph.D., Co-Coordinator

Neuroscience

Jada Lewis, Ph.D., Co-Coordinator

Ben Giasson, Ph.D., Co-Coordinator
Concentration Coordinators

Pharmacology & Therapeutics

Jeff Harrison, Ph.D., Coordinator

Physiology and Functional Genomics

Andrew Liu, Ph.D., Coordinator
Curriculum

Graduate Program in Biomedical Sciences
College of Medicine

Save the date— Florida Translational Cell Biology Symposium

Friday, September 22, 2017 9:00 am–7:00 pm  This one-day event is hosted by graduate students in the University of Florida Graduate Program in Biomedical Sciences. Hosted on the campus [...]
Curriculum

Year 1: Foundational/Customized Coursework, Research Rotations, Journal Clubs, Seminar series

Year 2: Concentration Coursework, Journal Club, and Laboratory Research

Year 3: Qualifying Exam (Fall)

Year 3+: Dissertation Research, Journal Club, and Advanced Courses

median time to degree 5.0 years
BMS Year 1 Foundational Curriculum

**Fall Semester Curriculum (9 credits)**
- GMS 6001 (5 credits) Fundamentals of Biomedical Science
- GMS 6003 (1 credit) Essentials of Graduate Research & Professional Development
- GMS 6895 (1 credit) Journal Club
- GMS 6090 (2 credits) Research in Medical Sciences (Research Rotations)
- Mentoring Groups (required activity)
- Thursday seminar series (required activity)

**Spring Semester Curriculum (9 credits)**
- Elective coursework (6 credits)
  - Concentration courses
  - Modular courses series (many are 1 credit courses)
- GMS 6090 (1 credit) Research in Medical Sciences (Research Rotation)
- GMS 7877 (1 credit) Responsible Conduct of Biomedical Research
- Journal club (1 credit)
- Thursday seminar series (required activity)
- Medical Guild Research Symposium (required activity)
Course management system
E-learning (http://elearning.ufl.edu/)
Required Hazardous Waste and HIPPA Online Training Certification

- Needs to be completed before beginning first lab rotation
- Information will be provided by email
Lab Rotations

Research Rotations (2 in Fall, 1-2 in Spring)

- Written rotation report – submit to mentor and online
- Oral rotation reports – scheduled in Journal Clubs
- *Option to fast-track into lab/mentor/concentration
- First rotation: Monday, August 19 – Friday, October 11

Selecting rotations:

- Program website – Faculty/Research web page
- Schedule meetings with faculty

Lake Nona

Lab Marine Bioscience
Fast-tracking with mentor

- Student commits to mentor prior to the beginning of the third research rotation
- Notify Office of Graduate Education
  - Schedule meeting with Dr. Rowe
- Submit Mentor Contract
- Do remaining research rotations with the mentor (written and oral presentations continue)
- Students expected to form supervisory committee and have first committee meeting within 3 months of submitting the mentor contract
  - Once supervisory committee formed, can enroll in GMS7979 (advanced research) course
Searching
You may input multiple values for any search criteria and get results for any that match.
If you input multiple criteria (e.g., Faculty last name and Department) the results will need to match both.

- Accepting Students 2017-2018

Faculty last names

Advanced Concentration

Department

Search text

Pick a standard keyword or search their research description.

Search

http://bms.acceleration.net/HostedSites/BMS/Pages/SearchBMS.asp
Journal Clubs

Fall Semester

- Must attend one journal club per week
- Can move among different journal clubs
  - Check emails and course website for updates
- Not all journal clubs are recommended for first year students
Mentoring Groups (required activity)
https://biomed.med.ufl.edu/students/first-year-students/first-year-mentoring-group-information/

◆ Consists of:
  • 6 students + faculty + advanced grad student

◆ Objectives
  • Help transition students into program
  • Promote interactive learning and collegiality
  • Forum for discussing important topics relevant to graduate training (i.e., research rotations, curriculum options, professionalism)
  • Enhance understanding & relevance of coursework

◆ Meets every Thursday (11:00 am– noon) beginning Aug. 15
Office of Student Counseling & Development

Dr. Beverly Dede

Confidential, short-term counseling
E-mail: Beverly@ufl.edu
Phone: 273-8383
Office of Student Counseling and Development
Beverly Dede, PhD
Program Director & Clinical Assistant Professor

Confidential, Short-Term Counseling

- Adjustment to grad school
- Ambivalence (second thoughts)
- Academic (concentration)
- Homesick, Lonely
- Relationships (family, friend, romantic)
- Self-esteem, Self-confidence
- Stress
- Anxiety
- Depression
- Sleep problems

For appts, send email to Beverly@ufl.edu

HMEB 446

Walk-in services available at the Counseling and Wellness Center, 392-1575
Learning Resources Office

James Gorske
jgorske@ufl.edu
New Graduate Student Orientation 2019

Jim Gorske, M.Ed.
COM Learning Specialist
UG – Graduate School Differences

• Breadth vs. Depth

• Memorization vs. Analysis

• Reporting vs. Analyzing and Arguing

• Reading It All vs. Copious Skimming and Selective Reading

Learning Specialist Support

• Provide individual strategy sessions to review and frame students’ learning, test-taking, and time management strategies.

• Facilitate academic accommodations for College of Medicine students registered with the University’s Disability Resource Center.
Disability Resource Center (DRC)

• Register with the DRC as soon as possible at the start of the semester or upon verification of a disability.

• DRC registration process outlined at: https://disability.ufl.edu/students/get-started/.

• After your appointment, request your accommodation letter on-line and forward a PDF copy to Mr. Gorske at jgorske@ufl.edu.

• Mr. Gorske will facilitate your accommodations with your course directors.
UF Writing Studio

https://writing.ufl.edu/writing-studio/for-students/writing-assistance/
“Critical Reading for Graduate Students”

Student Academic Success Services, Queen’s University, Kingston, Ontario Graduate Student Resources:

- https://sass.queensu.ca/graduate-students-sass-can-help-you-succeed/

“Critical Reading for Graduate Students”:


(Google: Critical Reading for Graduate Students

Queen’s University)
Contact Information

Jim Gorske, M.Ed.
• HMEB Suite 210 (Student Affairs suite)
• 352-294-8531, jgorske@ufl.edu
Upcoming Events

Thursday, August 15th
  • Mentor Match Celebration 2:30 pm HMEB North Learning Studio 125

Friday, August 16th
  • Photos and lunch 10:30 am – Hugh Hill Conference Room (ARB R-106) then will walk to Blue Gill

Saturday, August 17th
  • New Student Mixer Mother’s Pub 7 pm

Tuesday, August 20th
  • UF Classes Begin

Thursday, August 29th
  • Welcome Reception - HMEB Atrium @ 5 pm
Mentor-Match Celebration
Thursday, August 15
2:30-4:00 pm

Graduate Program in
Biomedical Sciences
Mentor-Match Celebration

Thursday, August 15
2:30 - 4:00 pm

Selecting a mentor to oversee a student’s scientific training and development is a vital first step in the journey towards a Ph.D.
2019 Florida Translational Cell Biology Symposium

Friday, September 13, 2019
9:00 AM – 4:30 PM

University of Florida
Health Professions, Nursing & Pharmacy Complex
1225 Center Drive, Gainesville, FL

Keynote Lecture:

Trucks, tolls, and traffic jams: mechanisms of the cellular interstate system

Samara Reck-Peterson, PhD
Professor
Department of Cellular and Molecular Medicine
Cell and Developmental Biology Section
Division of Biological Sciences
University of California, San Diego
Investigator, Howard Hughes Medical Institute

For more details and to register, visit floridacellbiology.org

Deadline for Talk Abstracts: August 28, 2019
Deadline for Poster Abstracts: September 3, 2019

Questions? Contact us at ftcbsinfo@gmail.com
SAVE THE DATE
3rd ANNUAL DIVERSITY GRADUATE RESEARCH SYMPOSIUM
October 30th
8am - 4 pm
Reitz Union
Questions?