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Welcome New Faculty!

Click here for photos and more information

Mamoun Al Mardini Ph.D.  Assistant Professor, Department of Aging and Geriatrics
Fatima Aly M.D.  Associate Professor, Department of Pathology and Laboratory Medicine
Stephanie Battistini M.D.  Visiting Assistant Professor, Department of Pediatrics
Dawn Becker M.D.  Assistant Professor, Department of Medicine, Division of Infectious Disease
Megan Behm-Downes M.D.  Visiting Assistant Professor, Department of Pediatrics
Andrew Blum M.D.  Assistant Professor, Department of Radiology
William Bortcosh M.D.  Assistant Professor, Department of Pediatrics, Division of Pediatric Critical Care
Michael Capozza M.D.  Assistant Professor, Department of Medicine, Division of Hospital Medicine
Sarah Cappleman M.D.  Visiting Assistant Professor, Department of Obstetrics and Gynecology
New Grants Awarded!

H. Lee Sweeney, PhD. Professor, Department of Pharmacology & Therapeutics has been awarded a National Institutes of Health R01 grant entitled, "Structure and function of myosin VI".

Carol Matthews, MD. Professor and Chief, Department of Psychiatry has been awarded a National Institutes of Health R01 grant entitled, "Hoarding disorder in older adults: cognition, etiology and functional impact".

Robert Cook, MD. Professor, Department of Epidemiology has been awarded a National Institutes of Health T32 grant entitled, "Translational Science Training to Reduce the Impact of Alcohol on HIV Infection".
Alicia Mohr, MD. Professor, Department of Surgery has been awarded a National Institutes of Health R01 grant entitled, "Chronic Stress and Anemia Recovery following Major Trauma".

Yenisel Cruz-Almeida PhD. Assistant Professor, Department of Aging & Geriatric Research has been awarded a National Institutes of Health R01 grant entitled, "Mechanisms of Oxytocins Analgesia in Older Adults".

Jörg Bungert, PhD. Professor, Department of Biochemistry & Molecular Biology has been awarded a National Institutes of Health R56 grant entitled, "Functional proteomic and genomic analysis of transcription factor TF-II-I in erythroid cells".

Ali Zarrinpar, MD PhD. Associate Professor, Department of Surgery has been awarded a National Institutes of Health R21 grant entitled, "Optimizing immunosuppression drug dosing via phenotypic precision medicine".

Awewura Kwara, MD. Associate Professor, Department of Medicine has been awarded a National Institutes of Health R01 grant entitled, "Pharmacokinetics of anti-tuberculosis and antiretroviral drugs in children".

Natalie E. Dean, PhD. Assistant Professor, Department of Biostatistics has been awarded a National Institutes of Health R01 grant entitled, "Design ans Analysis of Vaccine Trails for Emerging Infectious Disease Threats".
Diego Rincon-Limas, PhD. Assistant Professor, Department of Neurology has been awarded a National Institutes of Health R01 grant entitled, "Deconstructing and challenging TDP-43 proteinopathies: from FTLD/ALS to Alzheimer's Disease ".

Xie Mingyi, PhD. Assistant Professor, Department of Biochemistry & Molecular Biology has been awarded a National Institutes of Health R35 grant entitled, "RNA metabolism mediated by the integrator complex".

Rolf Renne, PhD. Professor, Department of Molecular Genetics & Microbiology has been awarded a National Institutes of Health R01 grant entitled, "The role of H3.3 histone variant in the pathogenesis of oral Kaposi's Sarcoma".

Lauren McIntyre, PhD. Professor, Department of Molecular Genetics & Microbiology has been awarded a National Institutes of Health R01 grant entitled, "Allele specific regulation of context specific GRN".

Shuang Huang, PhD. Professor, Department of Anatomy & Cell Biology has been awarded a National Institutes of Health R01 grant entitled, "Impact of microRNA processing on EMT of ovarian cancer cells".

Eduardo Candelario-Jalil, PhD. Assistant Professor, Department of Neuroscience has been awarded a National Institutes of Health R01 grant entitled, "Neurovascular protection by adropin in ischemic stroke".
Dr. Giasson and Dr. Borchelt have been awarded a National Institutes of Health R01 grant entitled, "Prion and non-prio induction mechanisms of alpha-synuclein pathology".

Dr. Bizon and Dr. Setlow have been awarded a National Institutes of Health R01 grant entitled, "Decision making and basolateral amygdala dysfunction in aging".

Dr. Harrison and Dr. Mitchell have been awarded a National Institutes of Health R01 grant entitled, "Targeting CCR2-expressing myeloid cells to overcome immune checkpoint inhibitor resistance in glioma".

Congratulations!

2018 Alpha Omega Alpha Robert J. Glaser Distinguished Teacher Award
Kyle E. Rarey, PhD, Professor, Department of Anatomy and Cell Biology and Department of Otolaryngology, has been selected as one of the four recipients of the 2018 Alpha Omega Alpha Robert J. Glaser Distinguished Teacher Award from the Association of American Medical Colleges (AAMC). The AAMC Alpha Omega Alpha Robert J. Glaser Distinguished Teacher Award recognizes outstanding contributions to medical education made by gifted teachers. The award will be presented at the annual AAMC "Learn Serve Lead" national meeting in Austin TX on November 2-6, 2018.

Society for Simulation in Healthcare Academy

Samsun Lampotang, PhD, Professor, Department of Anesthesiology has been selected as a Fellow for the Society of Simulation in Healthcare for his pioneering developments in simulation.

UF Health Doctor of the Year

Jennifer Light, MD. Assistant Professor, Department of Emergency Medicine was recognized as the UF Health Doctor of the Year from the Alachua County Fire Rescue on March 8, 2018.

2018 Antonio Champalimaud Vision Award

William Hauswirth, Ph.D. Professor, Department of Ophthalmology and his collaborators are sharing in a $1.2 million international award for developing a sight-restoring treatment for people who have a genetic form of vision loss. The 2018 Antonio Champalimaud Vision Award recognizes Hauswirth and his colleagues for developing the first successful gene therapy to cure an inherited human disease. The disease, Leber congenital amaurosis Type 2, or LCA 2, is caused by a genetic defect.

Nominate faculty or staff for Superior Accomplishment!

Acceptance of nominations began September 10th. Please consider nominating (faculty and/or staff) who truly made their mark as superior employees from August 1, 2017-July 31, 2018. The website https://learn-and-grow.hr.ufl.edu/awards-recognition/superior-accomplishment-awards/ is up to date, so forms and nomination criteria can now be accessed online. This link contains a short video about the Superior Accomplishment Awards, as well as other pertinent information about this opportunity. The deadline for nominations is October 31, 2018.
Awards, as well as other pertinent information about this opportunity. The deadline for nominations is **October 31, 2018.**

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**Take a (Better) Break! Booster Break Challenge Now Open**

Start a group "booster break" with colleagues in your area to regularly renew your energy, connect with your team, and enter a drawing for a chance to win a free lunch for your group!

Using guidelines and suggestions provided, start a recurring community work break in your area. What could this look like? Group stretching or exercising, working on a puzzle, competing in a word search race, or going for a walk! Use the [Boost Guide](#) as a framework for getting started and visit the [Boost](#) page for additional resources. Your group can do the same activity for each of your breaks or alternate between activities.

Complete the [submission form](#) by September 28 to be entered into a drawing to win lunch for your group (up to 20 group participants).

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**Participate in the 2018 Heart Walk with UF Health**

Join UF Health in the fight against heart disease and stroke at the 2018 Alachua County Heart Walk. This is a great way to hang out with friends, get some exercise and give back to a worthy cause! This year's walk will be held at Santa Fe College on Saturday, Sept. 22 at 8 a.m.

To join or create your own team:

1. Visit the heart walk page [here](#)
2. Create a new team or join an existing one

Together, we can make healthier, longer lives possible for everyone.

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**UF Mindfulness introduces yearlong workshop series, winter retreats**

UF Mindfulness is offering a series of weekly one-hour workshops throughout the 2018-19 academic year free of charge to faculty, staff and students. In January, the group will host five-day and one-day retreats, both led by certified Mindfulness Based Stress Reduction and Insight Meditation teacher Trish Magyari.

To learn more, visit the [UF Mindfulness website](#). You can also join the [UF Mindfulness mailing list](#) and/or follow UF Mindfulness on [Facebook](#) and [Twitter](#).
Protecting patients this flu season

This year, our flu vaccination campaign starts on Wednesday, Sept. 5, and the deadline is Oct. 30. For staff and volunteers working in or supporting human-patient care programs, you’re required to get vaccinated and wear this year’s badge sticker. If you receive a flu vaccination from a provider outside UF Health Shands Occupational Health Services or the UF Student Health Care Center, please provide proof of vaccination paperwork to obtain the sticker. If you opt out of the vaccination, you must follow a formal opt-out process and wear a mask in patient care areas from Oct. 31 through April 30.

Please keep in mind that if we again experience an especially challenging flu season, we may need to introduce extra precautions and infection control guidelines - such as reintroducing the temporary visitor and mask requirements we required last winter - to protect our patients, visitors and staff in our hospitals and outpatient programs.

Please visit Flu Central at bridge.UFHealth.org/flu to learn more about our policies and how to get a no-cost vaccination on site through UF Health Shands Occupational Health Services and the UF Student Health Care Center. We will host several vaccination events - starting with our first on Sept. 5 in the UF Health Shands Hospital Atrium - or you can visit one of these offices. Please bring your ID badge, and if you use the UF Student Health Care Center, please also bring your health insurance card.

Faculty Research Communications: Provost's Initiative
Submit your work to be eligible for a $1000 award from the Provost

One of the key elements of elevating the University of Florida's national and international reputation in pursuit of top-five public university stature is creating national and international interest in your research through coverage in top-tier news media outlets such as the New York Times, the Wall Street Journal and cable and network news programming. UF's Office of University Relations works with other campus communications professionals to seek out such research, but they rely heavily on you, the faculty, to inform them when your work has been accepted for publication in peer-reviewed journals.

Please contact University Relations when your papers have been accepted for publication. For those who do, Provost Joe Glover will offer $1,000 to each faculty member whose research is selected by University Relations to pitch to national and international media and to highlight on its online and social media platforms.

University Relations will make its selections every two weeks, working in conjunction with the communicators in your college or unit. All you have to do is email University Relations a synopsis of no more than 250 words describing your research in layman's language and explaining its significance and how it will benefit society. Researchers also must be prepared to speak to reporters or designate someone on their team to do so.

Please email your submission to news@ufl.edu.

Submissions from all areas of campus are welcome, but University Relations is especially interested in research in
Submissions from all areas of campus are welcome, but University Relations is especially interested in research in the following strategic focus areas:

- Neuroscience and the Brain
- Biodiversity and the Earth
- Food Safety and Sustainability
- Medicine and Global Health
- Latin America and the Caribbean
- Early Childhood Development
- Renewable Energy
- Cybersecurity
- Drones and Autonomous Vehicles

The $1,000 must be used on your research-related activities, such as travel, books and supplies, etc. All synopses, regardless of whether they are selected by University Relations, will be featured in the Faculty Update newsletter. In addition, entries that are not selected may still be featured on news and social media platforms by University Relations and/or college or unit communications offices.

Please note: If your paper has been accepted by a journal with an embargo policy, please be assured that University Relations will honor the terms of the embargo and they work only with journalists who agree to abide by those terms as well.

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**Care@Work for faculty and staff**

new baby  sick kid  bored pet  pick-ups  after school  sports  holidays  closed daycare  new puppy  elderly parents  drop-offs  dog grooming  tutoring  errand-running  sick nanny  snow day  doctor appointments

**MAKE LIFE WORK.**

It’s easy to enroll at uf-com.care.com
Smartphone app empowers citizens to help in case of cardiac emergency now available locally

UF Health officials and Alachua County and city of Gainesville emergency first responders announced the launch of PulsePoint Respond, a smartphone app that alerts citizens to a nearby cardiac emergency, empowering them to help. Officials say it could double the survival rate from cardiac arrest in Gainesville and surrounding area.

Please download the app today in either the [Apple App Store](https://apps.apple.com) or on [Google Play](https://play.google.com) by simply searching for "PulsePoint."

PulsePoint is now available in Alachua County thanks to Nik Gravenstein, M.D., and funding from the Jerome H. Modell, M.D., Professorship of Anesthesiology, which he holds. Torben Becker, M.D., of the Department of Emergency Medicine, provided significant help in getting this launched in our area. We also thank the Alachua County Sheriff's Office, Alachua County Fire Rescue and Gainesville Fire Rescue for partnering with us to bring this lifesaving technology to Alachua County.

[Click Here for the Main Story](#)
[**PulsePoint FAQ**](#)
The "Introduction to REDCap" classes have been scheduled for the fall semester. Please see below for the dates and times they are being offered. To register for the course, visit the myTraining website and search for "REDCap."

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Link to register: [http://mytraining.hr.ufl.edu/](http://mytraining.hr.ufl.edu/)

**Phishing Awareness!**

Phishing is a form of social engineering that appears to come from a familiar group or organization, like the UF Computing Help Desk or the University President, but contains a link to steal log-in credentials, passwords, or personal information like your address or bank account number. You can avoid being a victim of phishing by remembering the following:

- **NO ONE SHOULD EVER ASK FOR YOUR GATORLINK PASSWORD. YOU SHOULD NEVER PROVIDE IT TO ANYONE!** Not by email, phone, in person, or by any other means.

- Before clicking on a link in an email, place the mouse pointer over the link and inspect the web address the link goes to. Look carefully as many of these web pages mimic closely legitimate web pages. If in doubt, contact the UF Information Security Office at abuse@ufl.edu or 352-273-1344.

Anyone who thinks they may have clicked on a phishing link should immediately change their GatorLink password. Assistance changing GatorLink passwords is available 24/7 from the UF Computing Help Desk (352-392-HELP/4357). Forward suspect emails to abuse@ufl.edu. Your local IT support can offer additional advice on phishing precautions, as well as help you select secure storage options for your research, teaching and learning, and administrative activities. For additional information, visit [https://security.ufl.edu/welcome](https://security.ufl.edu/welcome).

Please be aware of the increased number of scams coming from alleged publishers and journals. A common theme is when a fake publisher or journal requests that you review a publication in your professional field and then uses your name and title to contact your counterparts at other institutions with various solicitations. Don't fall for identity theft disguised as a path to tenure.

To avoid being a victim of this type of phishing, please consider the following:
If you have any doubts about a potential scam, forward the email to abuse@ufl.edu.

1. What's the source? Step away from the email to investigate the publisher. Are they credible? Are they real?

2. Of course you don't know every publication, so it doesn't hurt to check it out.

3. Do they have a real mailing address?

4. Is the publisher recognized by Pubmed?

5. Does it sound like a publication knockoff, LAMA vs JAMA?

6. Does what you find require a few rounds of reverse translator to make sense?

7. Ask the experts. Has your department chair ever heard of this publication?

All of Us Research Program - Coming to UF Sept 21

Precision health. It's a relatively new term, but the concept has been part of health care for many years. The National Institutes of Health is asking 1 million people to share their unique health data through the All of Us Research Program. This information will be added to an NIH-owned secured and encrypted database. Researchers can then apply for data sets to conduct thousands of studies on health and disease.

On Friday, Sept 21, 2018 at 12:00 noon, the Journey comes to the UF Health campus, on the plaza just outside the George T. Harrell M.D. Medical Education Building.

This hands-on experience will help build awareness and excitement about All of Us and actively engage community members to join this landmark research project that will accelerate research and improve health.

If you can't make the campus event on Friday, join the All of Us team on Saturday, Sept. 22 anytime between 10 a.m. and 4 p.m. at Depot Park, 200 SE Depot Ave., as we continue spreading the word about this important initiative.

Visit JoinAllofUs.org to learn more.
Mosquito-Borne Illnesses
Mosquito-Borne Illnesses in the US & Latin America

October 4: Smathers Library, Room 100
October 5: Health Science Center
University of Florida

Free and open to the public
Register at: https://www.eventbrite.com/e/2018-fregly-symposium-tickets-49050633766

SPEAKERS

Dr. Gordon Patterson
Professor, Florida Institute of Technology

Dr. Phil Lounibos
Distinguished Professor Emeritus, IFAS,
University of Florida

Dr. Chelsea Smartt
Associate Professor, IFAS,
University of Florida

Capt. Jeffrey Stancil
Navy Entomology
Center of Excellence

In addition to these speakers, the symposium will include a Collaborating with Strangers (CoLAB) workshop; a film screening and discussion; exhibits on the history of mosquito-borne illnesses; and a student art show. For more information see https://guides.uflib.ufl.edu/fregly

Click Here to Register
HSC Library Fall 2018 Workshops

Please register at least 24 hours in advance by clicking on the desired workshop link below or at: https://rod.sumtotalsystems.com/ufshands/learner/search/catalog?RootNodeID=-1&NodeID=276&UserMode=0

Analyzing Your Gene with UGENE

*Tuesday, November 6\(^{th}\), 2-3:15pm, Communicore Building Room C1-21 (BITS)*

UGENE is a free bioinformatics software (http://ugene.net/). In this workshop, we will explore several features of UGENE including tools for gene annotation, sequence similarity search (built in BLAST), the transcription factor binding site search tool and Next Generation Sequence (NGS) analysis tools. Sample dataset will be provided for hands-on learning of identifying variants from genomic sequencing data. Bring your laptop if you prefer.

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App-y Hour: Mobile Resources for Health

*Thursday, September 20, 1-2pm, Communicore Building Room C2-41A*

Looking for high-quality mobile apps to help you in your work? In this session, we will provide brief overviews of a number of mobile apps for clinical work, research, teaching and learning, and productivity. We will also include tips on how to get mobile access to library-subscribed journals and databases.

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Beginner's Workshop for HiPerGator

*Thursday, September 27, 10-11am, Communicore Building Room C1-21 (BITS)*

UF Research Computing's Unix environment (HiPerGator) houses a range of tools used for bioinformatics analysis - including NCBI's E-utilities for retrieval of molecular biology data, NCBI's BLAST suites, and those appropriate for genomic data analysis. Topics for this beginner's workshop will include

- Accessing HiPerGator using different tools in Windows (i.e. Putty versus MobaXterm) or Mac
- Organization of folders in HiPerGator
- Basic command structures in Unix
- Basics of creating, removing, and copying files or folders
- Tools available for analysis of genomic data analysis and how to obtain help documentations

This workshop is extremely suitable for those new to or planning to use HiPerGator for their computational biology needs and helps set a foundation for a series of more in-depth bioinformatics analysis workshops taught by Alberto Riva from UF's Interdisciplinary Center for Biotechnology Research (ICBR). Access to HiPerGator is recommended for this workshop and bring your laptop if you prefer. Faculty can obtain trial access to HiPerGator for free. Lab personnel (i.e. graduate students, research staff, etc.) can request to be added onto PI's account if PI has already purchased space in HiPerGator. Request for access to HiPerGator can be done at https://www.rc.ufl.edu/access/account-request/.

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Best Practices in Research Data Management

*Tuesday, October 23, 12-1pm, Communicore Building Room C2-41C*

Learn practical strategies for best managing your research data. A number of U.S. funding agencies such as the National Science Foundation and the National Institutes of Health require researchers to supply plans for managing research data, called Data Management Plans (DMP), for all new grant proposals. This workshop will provide an overview of the questions to consider when creating a data management plan, with a focus on the DMPTool and tools for sharing your data at the University of Florida (e.g. subject-specific repositories). Topics include metadata and annotation, file formats and organization, storage, backups and security, and data sharing. The workshop is geared toward graduate students, faculty, and researchers.


EndNote

*Thursday, October 4, 9-10am, Communicore Building Room C1-21 (BITS)*

Tuesday, November 13, 12-1pm, Communicore Building Room C1-21 (BITS)

Tuesday, December 4, 1-2pm, Communicore Building Room C1-21 (BITS)

Come and see what you can do with EndNote, a program designed to help you organize your reference citations. You will learn how to create and navigate the EndNote libraries, enter individual citations, and search/retrieve citations from EndNote, as well as how to download citations from PubMed, library catalogs, other databases, and import them into your library. We will learn how to use the 'Cite While You Write' toolbar and different ways of inserting citations into your papers for publication. It's easy to generate a bibliography according to the style of any particular journal! This class focuses on the desktop version of EndNote and addresses some unique features of EndNote Online.
Evidence-Based and Grey Literature Sources and Search Tips

Wednesday, October 3, 12-1pm, Communicore Building Room C1-21 (BITS)
Learn about several evidence-based literature and gray literature databases. Tips on how and where to find evidence-based publications in PubMed, other health profession-specific evidence databases (as enrollment dictates), the Cochrane databases and clinical trials databases. To balance possible publication bias in peer-reviewed journal articles, the class will also familiarize you with several sources of grey literature (conference papers, dissertations, reports.)

Having a BLAST - Identifying Sequence Similarities with NCBI

Tuesday, September 25, 2-3pm, Communicore Building Room C2-41A
In this workshop, we will learn to obtain sequence similarity information using NCBI's BLAST suite. We will briefly go over the difference between local and global alignments and touch upon some of the logic on how sequence similarities are obtained (i.e. Scoring matrices and E-value). A laptop is recommended for this workshop.

Introduction to CINAHL

Tuesday, October 2, 9:30-10:30am, Communicore Building Room C1-21 (BITS)
Thursday, November 8, 10-11am, Communicore Building Room C1-21 (BITS)
Looking for an introduction to the premier database of nursing and allied health literature? This class introduces you to basic and advanced search options; performing more accurate searches using CINAHL headings; using limits to narrow and refine your search; printing, emailing, and exporting your citations; creating a personal account to store your citations; and finding full-text articles.

Intro to Critical Appraisal of Randomized Controlled Trials

Wednesday, October 24, 9:30-10:30am, Communicore Building Room C2-41C
The workshop will include lecture and demonstration, introducing attendees to some tools that can be helpful when critically appraising an article, as well as a group discussion format to critique two articles; attendees will be required to critically read the articles in advance and come to the session prepared to discuss.

Introduction to RNA SEQ with Bioconductor

Thursday, November 15, 2-3:15pm, Communicore Building Room C1-21 (BITS)
The Bioconductor suite houses a range of tools used to obtain differential gene expression from RNA sequencing data. In this introductory workshop we will learn

- The basic workflow of RNA sequencing analysis
- The use of Deseq2 and EdgeR for obtaining differential expression data.

Experience with R or attendance of the R for Beginners workshop would be helpful for those interested in attending this workshop.

Medical Terminology

Part 1: Wednesday, October 17, 2-4pm, Communicore Building Room C2-41A
Part 2: Wednesday, October 24, 2-4pm, Communicore Building Room C2-41A
Part 3: Wednesday, October 31, 2-4pm, Communicore Building Room C2-41A
Basics of medical terminology. Key concepts and word building, as well as the basics of body structure, including cells, tissues, organs and body planes will be covered. **Parts 1, 2 and 3 make up a single 6-hour course. Attendees should plan to attend all three sessions in order to complete the training.**
Note: This room has videoconference capabilities. Please contact the instructor at apomputius@ufl.edu with your IP address.
Note: This room has videoconference capabilities. Please contact the instructor at apompitius@ufl.edu with your IP address well in advance if you want to video conference to your site, so that we can set up videoconferencing. You will need to make your room arrangements at your site.

Mendeley: Citation Management for UF and Beyond
Tuesday, October 16, 1-2pm, Communicore Building Room C2-41A
Do you want a citation management software that will follow you wherever your education and career path take you? Mendeley is a free citation management resource that you can use during your time at UF or anywhere else you may go in the future. In this class, you will learn how to use Mendeley to import references from different databases (or other citation management software!), sort your citations and annotate papers, and insert collected citations directly into your own papers. https://rod.sumtotalsystems.com/ufshands/app/management/LMS_ActDetails.aspx?UserMode=0&ActivityId=34550

Next Generation Sequencing: Basic Experimental Workflow
Wednesday, October 3, 10:30-11:45am, Communicore Building Room C1-21 (BITS)
This workshop serves as an introduction to the basic workflow of DNA sequencing using next generation technology. All students, faculty, and research staff in life sciences research interested in incorporating NGS in their work should attend. Topics will include

- Basics of DNA sequencing
  - Comparing between older Sanger and Next Generation techniques
  - Rationale for using Next Generation approaches
  - Applications where NGS can be used (i.e. Genomics, epi-genomics, transcriptomics, etc.)
  - Sample preparation including library construction (adapters, barcodes)
  - Chemistry behind NGS
  - Single versus pair-end reads
  - Image analysis and base calling
  - Introduce BCL and FASTQ files
  - Services offered at ICBR
  - Instruments available at ICBR (limitations to the instruments, how to determine which one to use, read length capabilities)

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Next Generation Sequencing: Technical Aspects and Challenges
Friday, October 5, 10:30-11:45am, Communicore Building Room C1-21 (BITS)
This workshop serves as a continuation for those who attended next generation sequencing part 1 or those who have knowledge of the basic steps of NGS. Here, we will focus on the technical aspects and challenges involved in NGS (i.e. What can go wrong and how can we prevent?). Topics will include

- Technical and biological errors
- Best practices for library quantification and library quality control
- Library concentration influences on clustering
- Library contaminations (i.e. primer-primer dimer, adapter dimer)
- More in-depth discussion on image analysis and base calling
- 4 versus 2 color chemistry
- Spectral overlap
- Pass filter
- Spike-in as quality control

Attendance of Next Generation Sequencing: Basic Experimental Workflow is recommended for those interested in this workshop.
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Next Generation Sequencing: Analysis Basics
Wednesday, October 10, 10:30-11:45am, Communicore Building Room C1-21 (BITS)
This introductory workshop will address the basics of NGS analysis using UF Research Computing's Unix environment (HiPerGator). Sample dataset will be provided for those attending to follow along. If you do not already have access to HiPerGator please contact Alberto Riva (ariva@ufl.edu) to get temporary access. Topics will include

- Introduction to the HiPerGator environment
- Tools available on HiPerGator for NGS analysis
- Explanation of various fields associated with FASTQ files and how to identify from FASTQ header the
  - Instrument ID
  - Lane and flow cell coordinate information

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Quality scores
Basic workflow in NGS analysis, including emphasis on

- Quality check (good versus bad) and trimming
- Reference guided versus de novo assembly
- Results of reference guided assembly (i.e. % mapped, concordant vs. discordant reads if pair-end, etc.)

ICBR bioinformatics services/Alberto's analysis pipelines

Familiarity with Unix and HiPerGator is recommended for those interested in this workshop. Please refer to UF Research Computing Training Resources for an overview of HiPerGator and Unix Command Line.
https://mytraining-ufshands.sumtotal.host/core/pillarRedirect?relyingParty=LM&url=app%2Fmanagement%2FLMS_ActDetails.aspx%3FAActivityId%3D40928%26UserMode%3D0

Next Generation Sequencing: Advanced Analysis
Friday, October 15, 1:30-2:45pm, Communicore Building Room C1-21 (BITS)

Now that we have gained experience with navigating through HiPerGator and seen the basic workflow for NGS analysis, it is time to put everything together and get some hands-on experience. In this workshop we will use tools available on HiPerGator to identify variants in small sample genomic sequence file. If you do not have access to HiPerGator, please contact Alberto Riva (ariva@ufl.edu) to setup temporary access. In this workshop we will

- Perform quality check of the sample FASTQ file
- Interpret quality check results
- Trim out reads accordingly
- Assemble reads
- Identify variants

Attendance of Next Generation Sequencing: Analysis Basics and familiarity with Unix and HiPerGator is recommended for those interested in this workshop. Please refer to UF Research Computing Training Resources for an overview of HiPerGator and Unix Command Line.
https://mytraining-ufshands.sumtotal.host/core/pillarRedirect?relyingParty=LM&url=app%2Fmanagement%2FLMS_ActDetails.aspx%3FAActivityId%3D40930%26UserMode%3D0

NIH Public Access Policy
Tuesday, September 25, 9:30-10:30am, Communicore Building Room C2-41A

This workshop provides an introduction to the NIH Public Access Policy and demonstrates how to fulfill compliance requirements. We will cover how to use My Bibliography and the NIH Manuscript Submission System and discuss the various approaches of journal publishers towards compliance. Attendees are encouraged to bring their eRA Commons login and a list of their NIH-funded articles along with a mobile laptop or tablet so that they can follow 'hands-on'.

PubMed
Tuesday, October 9, 12-1pm, Communicore Building Room C1-21 (BITS)

This class will take you step-by-step through effective literature search and save techniques-starting smartly, limiting efficiently without losing "good stuff", searching for specific info (authors, types of publications, specific journals) and refining your search. Depending on participant interests/needs and time, we may also cover setting up email alerts, transferring to bibliographic software like RefWorks or EndNote, filtering for evidence-based studies, building collections within PubMed or other functions within PubMed.

R for Beginners
Tuesday, November 13, 10-11:15am, Communicore Building Room C1-21 (BITS)

This workshop aims to introduce those who have not used R but are interested in its data analysis capabilities. Here we will get started by

- Installing R and R Studio
- Addressing the features of the R Studio environment
- Installing free packages in R used to facilitate data analysis and plotting (i.e. ggplot2)
- Loading sample data onto R Studio and performing basic manipulation of the dataset
- Learning the basics of plotting in R
- Learning to perform basic statistical tests in R (if time permits)

https://mytraining-ufshands.sumtotal.host/core/pillarRedirect?relyingParty=LM&url=app%2Fmanagement%2FLMS_ActDetails.aspx%3FAActivityId%3D40932%26UserMode%3D0

RefWorks
Wednesday, October 17, 12-1pm, Communicore Building Room C1-21 (BITS)

RefWorks is a free web based program designed to help you organize your reference citations. You will learn how to create
RefWorks is a free web based program designed to help you organize your reference citations. You will learn how to create folders and navigate RefWorks; enter individual citations; and search/retrieve citations from PubMed and other databases, and import them into your library. We will learn how to use the "Write n Cite" feature and the webpage citing feature "Ref Grab it". It's easy to generate a bibliography according a variety of styles! https://rod.sumtotalsystems.com/ufshands/app/management/LMS_ActDetails.aspx?UserMode=0&ActivityId=23410

Searching the Health Science Education Literature: Best Practices
Wednesday, October 24, 12:00-1:30pm, Communicore Building Room C1-21 (BITS)
Have you ever struggled to find health science education related literature or wondered if you've done a comprehensive search? If so, this workshop will offer guidance on how to search library and other databases for the purposes of developing a review of the literature or the literature section for education related research studies. Topics include decided on the appropriate databases to search, coverage of education and health science databases, and designing effective search strategies that leverage the strengths of each database.

Web of Science
Wednesday, October 10, 12-1pm, Communicore Building Room C1-21 (BITS)
Compiling a bibliography? Trying to find interdisciplinary materials that fall between the sciences and the social sciences? Then search the Web of Science! Learn keyword and author searching while exploring this database's ability to move backward and forward through reference lists. Determine what sources were used in writing a given article and what subsequent publications cited that particular article. Find related articles that cite several of the same references in their bibliographies.

Did You Know?

S.A.F.E. (Self-Defense Awareness & Familiarization Exchange)

The S.A.F.E. (Self-Defense Awareness and familiarization Exchange) program is taught by a nationally certified instructor who is dedicated to help members of our community become more aware of and better familiar with basic self-defense concepts. The course is a 2-hour class geared toward adult and teenage women. The class starts with a short introduction video, then progresses into a one and a half hour physical self-defense familiarization presentation.

The class is free, but enrollment is limited to ensure the highest level of quality instruction. Here is the current schedule for the 2018 year.

2018 Schedule:

Thursday, September 27, 2018 / 6:00 p.m. to 8:00 p.m.
Wednesday, October 17, 2018 / 6:00 p.m. to 8:00 p.m.
Wednesday, November 14, 2018 / 6:00 p.m. to 8:00 p.m.
Tuesday, December 11, 2018 / 6:00 p.m. to 8:00 p.m.

All classes will be held at the UFPD - Community Services Division classroom (Building 596). The UFPD is located at the corner of Museum Road and Newell Drive.

To register, please email the Program Coordinator, Officer Susan Pratt, at spratt@ufl.edu. Please provide your name, email address, phone number, and which class dates you would like to attend.

UF Health Highlights
Meet University of Florida Health Dr. Brandon Otto in the Department of Urology

Now available - Mamava privacy pod for breastfeeding.

For faculty, staff, trainees, students, visitors and patients.
Located just west of the atrium lobby, across from the outpatient phlebotomy lab station.

As a Baby-Friendly designated hospital system, UF Health shares the desire to support, protect and promote breastfeeding. Lactation resources available to staff, outpatients and visitors at our Archer Road hospitals now include:
Next meeting, Tuesday, October 2, 2018 at 5:00 pm in M-112

Check the website for information about meetings and activities:

http://facultycouncil.med.ufl.edu/

Upcoming Educational & Professional Development Seminars:

**Educational Development Seminars**

*Optimizing Media in Med Ed Presentations*
Wednesday September 19, 2018 at 5pm
Teleconferenced at Communicore C1-7
Dr. Andrew Schmidt
Livestream link

*Teaching Under Time Constraints*
Tuesday October 16, 2018 at 12pm
Teleconferenced at Communicore C1-7
Dr. Elisa Sottile
Livestream link

**Learn-Discover-Lead Seminars**

*Effective Listening Skills*
Friday October 12, 2018 at 12:00-1:00pm
Communicore CG-11
Dr. Lisa Athearn
Click Here to register

*Mentoring and Being Mentored*
Friday November 9, 2018 at 12:00-1:00pm
Communicore CG-11
Dr. Charles E. Wood
Click Here to register

*Collaborating More Effectively: Vision & Planning*
Friday December 14, 2018 at 12:00-1:00pm
Communicore CG-11
Dr. Wayne T. McCormack
Click Here to register
Women in Science and Medicine (WIMS)

Why is Jack more likely to become Department Chair than Jill? - Implicit Bias in Academic Medicine
Monday October 1, 2018 at 12:00-1:00pm
Communicore C1-15
Molly Carnes, MD, MS
Co-Director, Women in Science & Engineering Leadership Institute (WISELI)
Professor, Departments of Medicine, Psychiatry, and Industrial & Systems Engineering
Director, UW Center for Women's Health Research
University of Wisconsin-Madison

These seminars will be recorded and can all be viewed online at https://facultyaffairs.med.ufl.edu/upcoming-events/faculty-development-seminar-series/