1. Announcements & Reminders

• REMINDER: Ph.D. candidates are expected to have committee meetings every 6 - 9 months

This is a recent change of policy, so please review when your last committee meeting was. The Graduate Office and Directors can also follow up individually as needed, but you should plan with your committee accordingly. For those who recently passed the preliminary exam: you are also expected to have your first committee meeting within 6 - 9 months of advancement.

2. Workshops + Seminars

• Panel Discussion: Contributing to Science through Writing

Thurs., Feb. 25 @ 7:00 p.m.
Literati Bookstore (124 E. Washington St.)
The University of Michigan’s MiSciWriters, Rackham Graduate School and Literati Bookstore invite you to a unique opportunity to hear a panel of scientists discuss Contributing to Science Through Writing. Panelists will include Nick Wigginton, Senior Editor at Science Magazine; Liz Wason, Science Writer for the College of Literature, Science and the Arts at U-M; Theresa Cesena, Manager of Medical Writing at MMS Holdings Inc., and Larissa Sano, Science Writing Specialist at Sweetland Writing Center, U-M.

Join us as our panelists explore and discuss how they apply their scientific training in a variety of writing professions. With fields ranging from medical writing to translating science to a lay audience in the media, our panelists will discuss the significance of written communication in the scientific community and beyond. They will also share some of the joys and challenges they face staying current and committed to the practice of science in these roles.

Information about the Michigan Science Writers can be found here: http://misciwriters.com/

• Dissertation Stress Workshop

Fri., Feb. 26, 2:00 p.m. - 4:00 p.m.
Rackham Graduate School

This discussion focuses on the cognitive and emotional aspects of sustained stress and worry as it relates to the task of completing your dissertation. We will highlight evidence-based methods for reducing levels of stress that block productivity and general wellness.

Specific topics of discussion will address:
• Managing procrastination/lack of motivation/lack of concentration and organization
• Developing behavioral strategies to address anxiety/stress and enhancing relaxation
• Establishing and maintaining a sustainable work/life balance
• Building skills that improve communication with your advisor and/or peers

For more information contact the Mary A. Rackham Institute at (734) 615-7853 or visit here: https://www.eventbrite.com/e/dissertation-stress-workshop-tickets-21562322487
• **Communicating Science National Convention**  
**Application deadline:** March 1  
Graduate students at U.S. institutions in all fields of science and engineering are encouraged to apply. Acceptance to the workshop is competitive; attendance of the workshop is free and travel support will be provided to accepted applicants. Workshop takes place in Cambridge, MA June 9 - 11. Details and online application can be found here: [http://comscicon.com/apply-comscicon16](http://comscicon.com/apply-comscicon16)

• **Ph.D. & Master’s Virtual Career Fair**  
Students, Post-Docs, and Alumni Invited to Attend - Meet Recruiters Live Online  
**March 2**  
**Registration:**  
[https://www.careereco.com/Fair/EventDetails?fairId=ccdcb01d-2d75-4cfb-aa82-a555012722b9](https://www.careereco.com/Fair/EventDetails?fairId=ccdcb01d-2d75-4cfb-aa82-a555012722b9)  
A list of frequently asked questions can be found here:  
[https://www.careereco.com/Fair/RenderPage?fairPageId=26ac444e-4e08-46d0-aceb-a59201158e70](https://www.careereco.com/Fair/RenderPage?fairPageId=26ac444e-4e08-46d0-aceb-a59201158e70)  
*Sponsored by the Graduate Career Consortium*

• **Éxito Latino Cancer Research Leadership Training Summer Institute**  
**Application deadline:** March 6  
**Event:** June 2016  
For Master’s level students. A 5-day agenda, details about the Éxito Program, and an application link can be found here: [http://exitotraining.org/what-is-exito](http://exitotraining.org/what-is-exito)

• **UM Penny Stamps Lecture Series: Guruduth Banavar**  
Thurs., March 10 @ 5:10 p.m.  
Michigan Theater  
Dr. Guruduth Banavar is VP of Cognitive Computing at IBM Research, and leads a worldwide team responsible for creating the next generation of cognitive/A.I. systems known as Watson. More details available here: [http://stamps.umich.edu/stamps/detail/guruduth_banavar](http://stamps.umich.edu/stamps/detail/guruduth_banavar)

• **Summer Institute in Statistics for Big Data (SISBID), University of Washington**  
The Summer Institute in Statistics for Big Data (SISBID) consists of a series of two-and-a-half day workshops (modules) designed to introduce biologists, quantitative scientists, and statisticians to modern statistical techniques for the analysis of Biological Big Data. The format will involve formal lectures, computing labs, and hands-on case studies. The workshop series runs July 11 - 27.  
**Scholarship application deadline:** March 15  
**Early registration application deadline:** June 1  
Complete list of workshops and details can be found online.

• **Request for Proposals: Dow Distinguished Awards for Interdisciplinary Sustainability Competition**  
Students across the University of Michigan are invited to propose an action-oriented project beyond the campus focusing on wide-ranging sustainability issues such as energy, water, communities, food, built environment, transportation, and other areas. Past projects supported by the Dow Distinguished Awards for Interdisciplinary Sustainability have helped communities around the world with safe drinking water, energy conservation, and transportation.  
**Deadline:** May 26 @ noon  
Detailed information and online submission found here: [http://sustainability.umich.edu/news/dow-distinguished-awards-2016-request-proposals](http://sustainability.umich.edu/news/dow-distinguished-awards-2016-request-proposals)
3. Fellowships, Grants, and Awards

- **Association of Public Health Laboratories: Bioinformatics Fellowship Program**
  The APHL-CDC Bioinformatics Fellowship aims to train and prepare bioinformaticians to apply their expertise within public health and design tools to aid existing public health personnel in the use of bioinformatics. The Bioinformatics Fellowships provide post-masters and post-doctoral level professionals the opportunity to apply their skills to a range of important and emerging public health problems, while gaining experience in their fields. These 12-month fellowships include a stipend, opportunities to participate in training and attend conferences, as well as other benefits. Post-doctoral fellows may extend for an additional 12 months, provided funding is available. Whether your specialty is metagenomics, algorithm/software development, microbial genomics, or another research area, there’s a place for you!
  Full details of the fellowship program and a link to the online application can be found here: [http://www.aphl.org/mycareer/fellowships/bioinformatics/Pages/default.aspx](http://www.aphl.org/mycareer/fellowships/bioinformatics/Pages/default.aspx)

- **Small Grants for Technology to Support Health Management & Independence**
  **Deadline:** March 9
  The primary goal of the University of Michigan Technology Increasing Knowledge: Technology Optimizing Choice Rehabilitation Engineering Research Center (TIKTOC RERC) is to develop and evaluate mobile technology that will enhance the ability of adolescents and young adults with disabilities to manage their health and transition to independence. As such, a goal for this small grant opportunity is to increase the number of people who are working to develop technology that is relevant to and considers the needs of adolescents and young adults with physical, cognitive, developmental and sensory disabilities.
  Additional information and application link can be found online.

- **Spring/Summer Research Grants Program**
  **Deadline:** Feb. 29
  This program was created to enable faculty members to collaborate with doctoral students on research and scholarly projects during the Spring/Summer term. In addition, this program provides financial support and tasks of intellectual and professional benefit to participating doctoral students.
  For more information and the application link, go here: [http://www.rackham.umich.edu/faculty-staff/awards/faculty-and-graduate-program-funding/spring-summer-research-grants](http://www.rackham.umich.edu/faculty-staff/awards/faculty-and-graduate-program-funding/spring-summer-research-grants)

- **Rackham Graduate Student Research Grant**
  The Rackham Graduate Student Research Grant is designed to support Rackham graduate students who need assistance to carry out research that advances their progress toward their degree.
  Graduate students are eligible to apply for a Rackham Graduate Student Research Grant if:
  * The graduate student is in good academic standing in a Rackham degree granting program
  * The proposed research project or activity directly relates to and helps achieve progress towards his or her degree.
  A master’s student is eligible for one Rackham Graduate Student Research Grant during his or her graduate program. A doctoral student is eligible for two Rackham Graduate Student Research Grants during his or her graduate program, one before candidacy and one as a candidate. Students who receive a master’s award will not be eligible for a Precandidate award.
  For more information and application link, go here: [http://www.rackham.umich.edu/funding/research-grant](http://www.rackham.umich.edu/funding/research-grant)

- **Rackham Graduate Student Emergency Funds**
  The Rackham Graduate Student Emergency Fund is intended to help meet the financial needs of Rackham graduate students who encounter an emergency situation or one-time, unusual, or unforeseen expenses during their degree program. For more information and an application link, go here: [http://www.rackham.umich.edu/funding/emergency-funds](http://www.rackham.umich.edu/funding/emergency-funds)
4. Other Useful Information

- **Summer Internship Opportunity: DKFZ Cancer Research**
  
  **Application deadline:** March 1.

  Students of the Summer Internship spend two months working in a laboratory at the DKFZ (Germany) where they participate in cutting-edge, cancer-related research and interact with leading scientists in the field as well as with fellow students from around the world. As a limited number of fellowships for the Summer School are available (e.g. for travel costs or living expenses).
  
  Details can be found here: [https://app.trialect.com/3174/display](https://app.trialect.com/3174/display)

- **Nominate faculty! MICHR Distinguished Clinical and Translational Research Mentor Award**

  Faculty need not have affiliation with MICHR to be nominated.

  **Nomination deadline:** March 1

  The MICHR Mentor Award recognizes the value of mentoring to the University of Michigan in assisting early career investigators to reach across disciplinary boundaries in pursuit of science. Details and application information can be found [online](https://www.michr.org/)

- **Upcoming event: Big House 5K**

  **Date:** April 10

  Register by April 8, Rackham will contribute towards your entry fee.

  The U-M Athletic Department is hosting a 5K Run/Walk that finishes on the field of the University of Michigan football stadium—the Big House! To encourage graduate students to participate, Rackham is offering $10 toward the entry fee for Rackham students who sign up for the event by Friday, April 8. To get your unique code, e-mail lstefans@umich.edu. To learn more about the event, visit the [website](https://www.umich.edu/).

5. Job Opportunities

- **Programmer, Univ. of Michigan**

  Programmer wanted. Full or part time to work on existing code for analysis of proteomics data from mass spectrometry. Must have solid programming skills in Java. C++, Perl, Python experience desirable but not required. Experience with proteomics analysis and/or mass spectrometry also desirable.

  Contact Philip Andrews (andrewsp@umich.edu).

- **Post-Doctoral Training Program in Cancer Survivorship at the Comprehensive Cancer Center of Wake Forest Baptist Medical Center**

  The Cancer Prevention and Control Research Program at the Comprehensive Cancer Center of Wake Forest Baptist Medical Center is seeking applications for 2016 for our NCI-funded postdoctoral R25 Training Program in Cancer Survivorship. The program prepares fellows to become independent researchers in the field of cancer prevention and control with a focus on survivorship. Cancer survivorship research includes the following areas: quality of life, lifestyle/behavior change, symptom management, access to treatment, health disparities, complementary and alternative interventions, and late effects of cancer and clinical care.

  The program offers:

  * Two to three years of funding
  * Competitive salary
  * Tuition
  * Health insurance
  * Opportunities for publications from existing data
  * Research support
  * Travel allowances
  * Optional MS degree or Certificate in Clinical & Population Translational Sciences

  This innovative program is highly tailored and involves closely mentored training by a multi-disciplinary team of senior faculty representing various disciplines. The program provides didactic and experiential training in grant preparation, project management, data analysis and manuscript writing. We have a large portfolio of research and datasets for manuscript opportunities. Support is provided for conference travel, tuition, pilot studies, and other training related activities. The program seeks individuals with recent doctorates (PhD, DrPH, MD, DO) in health-related areas, as well as more experienced individuals wishing to change to or more fully develop their cancer survivorship research.
To be eligible, you must be a U.S. citizen or permanent resident.

**Application deadline:** April 1

**Application materials:** Statement of research interests (indicate how the training will further your career in cancer survivorship), C.V., 3 letters of recommendation

Send to: Nancy E. Avis, Ph.D., Director, Cancer Survivorship Training Program (navis@wakehealth.edu).

Additional information found here: [http://www.wakehealth.edu/Research/Comprehensive-Cancer-Center/Cancer-Prevention-and-Control-Program/Overview.htm](http://www.wakehealth.edu/Research/Comprehensive-Cancer-Center/Cancer-Prevention-and-Control-Program/Overview.htm)

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**Faculty position, Stanford Univ. Center of Biomedical Informatics Research**

The Stanford Center of Biomedical Informatics Research and the Department of Medicine at Stanford University invite applicants in applied clinical informatics at the rank of Assistant, Associate, or Professor in the Medical Center Line or University Tenure Line. We are particularly interested in candidates who will contribute to the goal of implementing a Learning Health System. Candidates should have demonstrated expertise in clinical informatics and an earned doctoral degree and formal advanced training in biomedical informatics, computer science, or a related discipline.

The successful candidate will be expected to conduct a vigorous, independent research program, to advise students in our graduate program in Biomedical Informatics, and to assist in program administration. The major criteria for appointment for faculty in the Medical Center Line is excellence in the overall mix of clinical care, clinical teaching, scholarly activity that advances clinical medicine, and institutional service appropriate to the programmatic need the individual is expected to fulfill. The predominant criterion for appointment in the University Tenure Line is a major commitment to research and teaching. Formal teaching in the classroom will be encouraged. The search committee is particularly interested in applicants who will engage in clinical activity and who will work directly with Stanford’s health systems on projects that will offer benefits to patient care. Faculty rank will be determined by the qualifications and experience of the successful candidate.

Interested candidates should upload a copy of their curriculum vitae and a brief letter outlining their interests with the names of three references (who will not be contacted without prior consent) to [http://facultyapplication.stanford.edu/](http://facultyapplication.stanford.edu/). 

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**Data Scientist Position, Trinity Health Information Services**

Detailed information can be found here: [https://www.healthcaresource.com/thregion2/index.cfm?fuseaction=search.jobDetails&template=dsp_job_details.cfm&cJobId=100019337](https://www.healthcaresource.com/thregion2/index.cfm?fuseaction=search.jobDetails&template=dsp_job_details.cfm&cJobId=100019337)

You are also welcome to contact Bioinformatics alumni member, Kraig Stevenson.

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**Bioinformatics Scientist, Swift Biosciences**

We’re looking for a programmer or biologist with some experience using the command line on Unix-based operating systems. You should be comfortable using some of the basic Unix command line tools such as awk, sed, and similar standard Unix utilities, as well as basic file handling and system administration.

**Responsibilities** include analysis of NGS data using established workflows (Bash scripts) and other command line tools, organizing results, and creating summary reports of analysis results. This position will be a great opportunity to gain experience in NGS data analysis and to strengthen basic bash programming and Unix system administration skills, as well as develop skills using other scripting languages such as Python, R, and Perl. Important skills include the ability to communicate clearly and efficiently, including good verbal, written, and presentation communication skills, as well as a general willingness to learn new things.

**Requirements:** BS or MS in STEM fields. Experience with Linux and the command line; html coding or report formatting; and a general willingness to learn. A basic understanding of molecular biology or genetics is a plus. Start-up or mid-biotech industry experience is also a plus.

More information can be found here: [http://www.swiftbiosci.com/company/careers](http://www.swiftbiosci.com/company/careers)