HAPPY FRIDAY THE 13TH!

QUOTES

- “The learner always begins by finding fault, but the scholar sees the positive merit in everything.” Georg Wilhelm Friedrich Hegel

- “Originality is the essence of true scholarship. Creativity is the soul of the true scholar.” Nnamdi Azikiwe

- “A scholar who cherishes the love of comfort is not fit to be deemed a scholar.” Lao Tzu

- “I would like to be a scholar in whatever I do, a scholar is never finished, he is always seeking and I am always seeking.” Ahmad Jamal

- “Each day is the scholar of yesterday.” Publilius Syrus
  “A good writer is basically a story teller, not a scholar or a redeemer of mankind.” Isaac Bashevis Singer

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UPCOMING DEPARTMENT MEETINGS

• Tenure and Tenure Track Faculty meeting, Tuesday 10/17, 12-1, Room 311

KUDOS

• Congratulations to Yijuan Hu for her successful Synergy grant: Metagenomic Cartography of the Virome in Transplant Recipients jointly with Christian P. Larsen, MD, PhD (SOM)

INTERESTING READS

• Phillip Bourne (University of Virginia, formerly the lead of NIH’s Big Data to Knowledge (BD2K) program): “Ten simple rules in considering a career in academia versus government”
  o http://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1005729

GEORGIA STATISTICS DAY

Congratulations to the student poster winners!

• 1st Prize: Chih-Li Sung Georgia Tech
• 2nd Prize: Rui Xie University of Georgia
• 3rd Prize: Bo Wei Emory University
• Runners up (book awards):
  o Xue Yu, Georgia State University
  o Teng Fei, Emory University
  o Tony Yaacoub, Georgia Tech
  o Wenjia Zueng, Georgia Tech
  o Caroline Johnson, Georgia State University
  o Cheng Meng, University of Georgia
  o Chul Moon, University of Georgia
DATA DATA DATA (AND AN INTERESTING READ)

- Hidden biases in machine learning:
  - “Risk assessment models will only be as unbiased as the data used to train them.” Kristian Lum, Human Rights Data Analysis Group, World View in *Nature*.
  - [https://www.nature.com/articles/s41562-017-0141.epdf?author_access_token=zp6NdnfIZBcbq4u8QE13i9RgN0jAjWel9jnR3ZoTv0OrWCV-5fNRpT89FpEf7bpDfmwoV6oPboJp9g43OZUEZ3Jvuivgqlqr1rjq9C3M62_Ady8s_dGfhXTCFelUphULML1P_InKq12GOvN0UKaRw%3D%3D](https://www.nature.com/articles/s41562-017-0141.epdf?author_access_token=zp6NdnfIZBcbq4u8QE13i9RgN0jAjWel9jnR3ZoTv0OrWCV-5fNRpT89FpEf7bpDfmwoV6oPboJp9g43OZUEZ3Jvuivgqlqr1rjq9C3M62_Ady8s_dGfhXTCFelUphULML1P_InKq12GOvN0UKaRw%3D%3D)

NIH NEWS

- NEW GUIDELINES FOR T32 TRAINING GRANTS FROM NIGMS

- NEW GUIDELINES FOR T32s INVOLVING CLINICAL TRIALS

- NEW GUIDELINES FOR CAREER DEVELOPMENT AWARDS INVOLVING CLINICAL TRIALS
JOB OPENINGS

- The Department of Mathematical Sciences at the University of Cincinnati is seeking applications for a tenure-track assistant professor position in statistics with research emphasis in statistical and computational methods for big data or related areas. The appointment will begin on August 15, 2018.
  - The Department has a strong graduate program, which includes MS and PhD degrees in statistics. The department is dedicated to excellence in both research and teaching. Statistics faculty in the department are involved in both methodological and interdisciplinary research. They have diverse areas of research interests, which include scalable Bayesian methods and statistical methods for massive or complex data, in general, and high-dimensional data analysis, statistical machine learning, uncertainty quantification, and analysis of network data, in particular.
  - The job duties include maintaining an active research program in statistics, mentoring graduate students, teaching both graduate and undergraduate courses in statistics and related areas, and providing service to the Department such as serving on departmental committees. The normal teaching load for research-active faculty is 6 credit hours per semester with a 25% reduction for new faculty in each of the first 2 years and a reduced service role.
  - The position requires a PhD degree in statistics, or a related field with a focus on statistics, awarded by August 14, 2018. Completed applications consisting of a cover letter, CV, research statement which includes experience (if applicable) and plans, as well as a teaching statement which includes experience (if applicable) and philosophy, and three letters of recommendation should be submitted @www.mathjobs.org/jobs/jobs/10884. Applicants should also submit a CV, a cover letter and a statement (maximum 1 page) on your commitment to diversity and inclusion and how that impacts your professional philosophy, on UC’s recruitment system at the link listed in the detailed ad on mathjobs.org. Review of applicants will begin on December 1, 2017. Inquiries concerning the position should be directed to, Dr. Siva Sivaganesan, the Search Committee Chair, or Dr. Shuang Zhang, Head, Department of Mathematical Sciences.
  - The University of Cincinnati is an urban, public, comprehensive Research I institution, committed to attracting, supporting, and retaining an academically and culturally diverse faculty. The University has active Faculty Associations representing various minority groups. It has an institutional membership to the National Center for Faculty Development and Diversity. The University is located in a vibrant city with an active arts scene, national sports teams, and other opportunities for a satisfying work-life balance. The Department of Mathematical Sciences, as a part of The University of Cincinnati, embraces diversity and inclusion as core values that empower individuals to transform their lives and achieve their highest potential. For more information please visit the following sites: www.uc.edu/inclusion/latest/diversitydata.html and www.uc.edu/inclusion.html.
  - The University of Cincinnati is an equal opportunity/affirmative action employer with a strong commitment to diversity. We actively seek a broad spectrum of candidates including women, people of color, people with disabilities and veterans.
• ENVIRONMENTAL RISK ASSESSOR/EPIDEMIOLOGIST: Virginia Tech’s Department of Population Health Sciences seeks to attract a tenured or tenure-track faculty member in the area of environmental health, although priority will be given to applications at the Assistant Professor rank. The position is part of a robust and diverse cluster of faculty contributing to transdisciplinary research, teaching, and/or outreach initiatives that align with our Global Systems Science Destination Area.

  - The Global Systems Science Destination Area is focused on the study of the dynamic interplay among natural and social systems. Faculty working together in this area are collaborating toward transdisciplinary solutions to critical social problems emergent from human activity and environmental change. Work in this area also embraces equity in the human condition by seeking the equitable distribution and availability of physical safety and well-being, psychological well-being, respect for human dignity, and access to crucial material and social resources throughout the world’s diverse communities. Visit provost.vt.edu/destination-areas.html for more information about this initiative.

  - This position will be based on the main campus at Virginia Tech, a land-grant university in Blacksburg, Virginia, situated in the scenic New River Valley.

  - Responsibilities: A successful candidate would be expected to contribute to research, scholarship, and teaching in ways that support department objectives and contribute to the Global Systems Science Destination Area. A successful candidate will be expected to (1) develop a widely recognized research program that attracts external funding, (2) mentor and supervise doctoral and master’s students, (3) teach and develop courses in the department’s public health programs (PhD, MPH, and the new BSPH), and (4) interact effectively with other members of the Global Systems Science Destination Area. Areas of research could include (but are not limited to): integration of ecological and human health risk assessment methodologies, cumulative risk assessment, environmental epidemiology of health disparities, particularly as it pertains to exposures in rural environments, health effects of global change, or other suitable areas, depending on the candidate’s interest and experience.

  - The faculty member will join a team of Virginia Tech investigators working in rural communities and specializing in geography, natural resources and ecology, public health, Appalachian studies, and environmental engineering. This growing team will provide collaborative opportunities for a community of scholars taking a holistic approach to understanding the connections between human and ecological health in rural environments.

  - Virginia Tech also recognizes the critical importance of diverse teams of scholars. Our university seeks to diversify its faculty along multiple dimensions, including those that have been historically marginalized and excluded. Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Building on its motto of Ut Prosim (that I may serve), Virginia Tech is dedicated to serving in the spirit of community, diversity, and excellence—InclusiveVT. We seek candidates who adopt and practice efforts to increase access and inclusion to create a community that nurtures learning and growth for all of its members. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world.

  - Qualifications: Applicants are required to hold a PhD, MD, ScD, DrPH, or equivalent terminal degree in environmental health, epidemiology, or a closely related field and have demonstrated experience with scholarly, interdisciplinary research. Assistant Professor level candidates must show potential for significant scholarship and teaching ability, while Associate Professor or Professor level candidates must demonstrate significant scholarship and teaching ability. Applicants must have a commitment to engage in a campus community working to grow an inclusive culture and practices while building diversity among faculty, staff, and students. Applicants must possess excellent communication and collaboration skills and have a strong interest in, and commitment to, working with diverse populations.

  - Application: Applications will be accepted online at https://listings.jobs.vt.edu/postings/80310. This portal is being used for several positions in this cluster hiring initiative. Applicants must submit a formal cover letter addressing scholarship interests and qualifications, a brief statement describing the applicant’s interest in and experience working with diverse groups and underrepresented populations, brief statements of teaching philosophy/experience and research interests/experience, a current curriculum vitae, and the names and contact information of three references who can assess the applicant’s qualifications for this position. Inquiries concerning the position or application process should be directed to Dr. Stephen Schoenholtz, search committee chair, at schoenhs@vt.edu. Review of applications will begin December 1, 2017.
**Assistant Professor, Biostatistics, The University of Arizona, Mel and Enid Zuckerman College of Public Health**

- The Department of Epidemiology and Biostatistics, Mel and Enid Zuckerman College of Public Health, invites applications for the position of Assistant Professor in Biostatistics. This position will contribute directly to the research, teaching and service mission of the Biostatistics program. Expertise in causal inference, design and analysis of observational studies, biostatistical aspects of data science and/or mining electronic health records is desirable. Participation in collaborative biomedical research and development of an independent research program will be integral components of career progression within the Department and College.

- The College is committed to increasing the diversity of its faculty and students, underrepresented minorities, women, and with experience in addressing issues related to diverse populations are encouraged to apply. The successful candidate will be expected to develop and teach either graduate-level or undergraduate courses, and contribute to mentoring students, including those from underrepresented backgrounds. The faculty member will also participate in outreach and contribute to departmental, college and university service. In these and other ways, the faculty member will help to develop innovative approaches to enhancing student engagement, increasing diversity and expanding research collaborations.

- **Benefits:** Outstanding UA benefits include health, dental, and vision insurance plans; life insurance and disability programs; UA/ASU/NAU tuition reduction for the employee and qualified family members; state and optional retirement plans; access to UA recreation and cultural activities; and more! Of note are the excellent support for families and domestic partners and our diverse communities.

**Position Title: Assistant Professor, Biostatistics, University of Arizona**

- **Duties and Responsibilities:** The successful candidate will be expected to develop and teach either graduate-level or undergraduate courses, and contribute to mentoring students, including those from underrepresented backgrounds. The faculty member will also participate in outreach and contribute to departmental, college and university service. In these and other ways, the faculty member will help to develop innovative approaches to enhancing student engagement, increasing diversity and expanding research collaborations.

- **Position Qualifications:** The College is committed to increasing the diversity of its faculty and students, underrepresented minorities, women, and with experience in addressing issues related to diverse populations are encouraged to apply. The successful candidate will be expected to develop and teach either graduate-level or undergraduate courses, and contribute to mentoring students, including those from underrepresented backgrounds. The faculty member will also participate in outreach and contribute to departmental, college and university service. In these and other ways, the faculty member will help to develop innovative approaches to enhancing student engagement, increasing diversity and expanding research collaborations.

- **Benefits:** Outstanding UA benefits include health, dental, and vision insurance plans; life insurance and disability programs; UA/ASU/NAU tuition reduction for the employee and qualified family members; state and optional retirement plans; access to UA recreation and cultural activities; and more! Of note are the excellent support for families and domestic partners and our diverse communities.

**APPLICANTS NEED TO APPLY ONLINE**  

The Department of Epidemiology and Biostatistics of the George Washington University (GWU) Milken Institute School of Public Health (SPH) is recruiting a full-time tenure-track faculty member in Biostatistics at the rank of Assistant Professor or Associate Professor. Candidates with interests in all areas of statistics and biostatistics are invited to apply.

- The Department has expertise in biostatistical methods, design and conduct of clinical trials, survival analysis, longitudinal data analysis, meta-analysis, HIV/AIDS, cancer, behavioral, reproductive health and health disparities epidemiology, geographical health information systems and spatial analysis, and public health laboratory science. Faculty in the Department teach and mentor masters and doctoral students, conduct innovative multidisciplinary research, and engage in biostatistical consulting. The Department places high value on enthusiastic and innovative teaching, applied and methodological research, and collaborative science.

- Responsibilities: The successful applicant will be involved with collaborative applied and methodological research, consulting, teaching and developing courses at the masters and doctoral level, and mentoring graduate students. The successful applicant will also develop and maintain an active research program in biostatistics. Opportunities for involvement in consultation activities in biostatistics and epidemiology may be available. Additional opportunities to collaborate with faculty from The Biostatistics Center may also be available.

- Basic Qualifications: All applicants must have a doctoral degree conferred no later than the start date of the position in biostatistics, statistics or relevant field. Applicants must have a strong track record of peer-reviewed publications, evidence of proposing and/or implementing funded research, and a history of teaching graduate-level courses in biostatistics and/or mentoring graduate students. Excellent oral and written communication skills are required.

- Application Procedure: To be considered please complete an online faculty application at [http://www.gwu.jobs/postings/46684](http://www.gwu.jobs/postings/46684) and upload the following:
  1) a curriculum vitae; 2) a statement of research interests, accomplishments, and plans; and 3) a statement of teaching and mentoring experience. Only complete applications will be considered. Rank and salary will be commensurate with experience. Review of applications will begin on 11/15/2017 and will continue until the position is filled. Successful Completion of a Background Screening will be required as a condition of hire.

- Additional information about the Department can be found at [publichealth.gwu.edu/departments/...](http://publichealth.gwu.edu/departments/...)

- Women and people of color are strongly encouraged to apply. The university is an Equal Employment Opportunity/Affirmative Action employer that does not unlawfully discriminate in any of its programs or activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity or expression, or on any other basis prohibited by applicable law.
The College of Letters and Science at the University of California, Santa Barbara invites applications for a tenure-track Assistant Professor position in neuroscience, with the expected start date of July 1, 2018.

- The candidate will be appointed to one of the 9 departments within the College of Mathematical, Life & Physical Sciences (www.science.ucsb.edu/programs). The departmental affiliation will be determined based on the candidate’s specific research interests. We are particularly interested in candidates who can bring new expertise and thinking to the study of the mind and brain. Special preference will be given to candidates capable of bridging two or more fields.

- Specific research areas include, but are not limited to:
  - Biosensing; chemical/molecular probe development for magnetic, acoustic, spectroscopic, or optical brain imaging
  - Optical neuroimaging; neuro-photonics; super-resolution microscopy; quantum sensing
  - Statistical and computational neuroscience; functional mapping and connectivity analysis
  - Dynamical systems and control; network theory

- This position is part of the University of California, Santa Barbara’s expansion in neuroscience, capitalizing on our existing brain research programs across molecular, cellular & developmental biology; psychological & brain sciences; engineering; physics; photonics; computer science; statistics; geography; and evolutionary biology among others.

- As an integral member of the UCSB Brain Initiative, the candidate will have the opportunity to leverage our collaborative research environment, building a multidisciplinary research program that spans departments within the College of Letters and Sciences and across the university.

- Applicants for this position must have a Ph.D. or an equivalent degree in a field within the Mathematical, Life, or Physical Sciences by the time of application.

- Candidates may hold postdoctoral (or equivalent) appointments.

- Applicants currently holding the rank of Assistant Professor (or equivalent) are also welcome to apply. Applicants should have outstanding records of research accomplishment. A commitment to teaching is also important.

- Responsibilities will include teaching at both the graduate and undergraduate levels while developing an outstanding program of research.

- Applications must be submitted electronically at recruit.ap.ucsb.edu/apply/JPF01093. Applications received by December 8, 2017 will be given priority consideration, but the position will remain open until filled. Completed applications will consist of a cover letter, curriculum vitae, teaching statement (2-page limit), and a statement of research interests (2-page limit). Applicants will also need to arrange for 3 referees to submit letters of recommendation on their behalf via the recruitment website.

- The College is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service. Applicants may therefore choose to submit a statement of diversity contributions.

- More information about the College of Mathematical, Life, & Physical Sciences can be found at www.science.ucsb.edu. Questions can be emailed to queenan@brain.ucsb.edu.

- The University of California is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.
JOB OPENINGS

- **Lecturer in Statistics and Business Statistics position at University of Georgia** This is a non-tenure-track faculty rank with a career ladder. If there are candidates you wish to recommend to us, then please write to tn@uga.edu.
  - Applicants must have a Ph.D. degree in Statistics or a closely related discipline by August 1, 2018. The person in this position is expected to teach sections of an introductory business statistics course, MSIT 3000, some advanced undergraduate courses and/or lower level graduate courses, spanning a range of topics. Scholarly and teaching credentials must reflect a strong commitment to teaching.
  - Applications will be considered until the position is filled, and those received by January 2, 2018, will receive full consideration. To apply for the position, candidates should visit facultyjobs.uga.edu/postings/2907.

- **Tenure-track Assistant Professor in Statistical Machine Learning at University of Georgia** with your PhD students and colleagues who might be interested in the position. If there are candidates you wish to recommend to us, then please write to me at tn@uga.edu.
  - Applicants must have a Ph.D. degree in Statistics or a closely related discipline by August 1, 2018, and scholarly credentials must reflect a strong commitment to teaching and research in statistical machine learning. Applications will be considered until the position is filled, and those received by January 2, 2018, will receive full consideration. To apply for the position, candidates should visit facultyjobs.uga.edu/postings/2909 and provide all of the requested information.

- **The Department of Epidemiology and Biostatistics in the Arnold School of Public Health (ASPH) at the University of South Carolina (USC) invites applications for a nine-month tenure-track position in Biostatistics at the rank of Assistant or Associate Professor.** Candidates with research expertise in multivariate analysis, high-dimensional data analysis, robust and nonparametric statistics, multilevel modeling, Bayesian modeling and survival analysis with applications in epidemiology, public health, biology, genetics, and precision medicine are particularly encouraged to apply. However, candidates from all areas of statistics will be considered.
  - The successful applicant will have an earned doctoral degree in biostatistics, statistics or related areas with demonstrated evidence of high-quality scholarly research in developing statistical methods. For the rank of Assistant Professor, candidates should demonstrate the potential to successfully compete for external research funding, and ability to teach graduate-level courses. For the rank of Associate Professor, applicants must have a successful track record of competitive external funding in support of research, and appropriate teaching experience. The successful applicant will be expected to maintain an active methodological research program, engage in multidisciplinary collaborative research, teach biostatistics courses to students in biostatistics, epidemiology and other fields, mentor graduate students, and contribute to the department and school through professional service.
  - **USC is a comprehensive Carnegie University of High Research Activity and Community Engagement.** Located in the capitol city of Columbia, USC has five Health Science Units in addition to ASPH: 1) School of Medicine in Columbia, 2) School of Medicine in Greenville, 3) College of Nursing, 4) College of Pharmacy, and 5) College of Social Work. Founded in 1975, the ASPH is now the fourth largest school of public health nationally among public universities. ASPH consists of six departments and several research centers that address topics such as disease prevention, communication disorders, environmental nanoscience, nutrition and physical activity, health services and policy, rural health, aging, and health disparities.
  - The **Department of Epidemiology and Biostatistics** is home to 26 faculty members, 9 in the Division of Biostatistics and 17 in the Division of Epidemiology. The faculty’s research portfolio includes funding from a broad spectrum of federal agencies (e.g., NIH and CDC) and non-profit organizations. The department has a rich tradition of producing outstanding trainees, with a current enrollment of 80 students in our master’s and doctoral degree programs in both biostatistics and epidemiology. The department, school, and university provide a rich collaborative environment for interdisciplinary team science across the public health research continuum. Examples of statistical areas of current research are quantile regression, missing data, longitudinal data analysis, interval censored data, spatial-temporal Bayesian models, mixture cure rate model, joint modelling and semi-competing risks models. More information about ASPH and the Department of Epidemiology and Biostatistics can be found at www.sph.sc.edu.
  - Columbia, SC enjoys more than 300 days of sunshine annually and has ready access to pristine beaches, lakes, rivers and mountains. The city hosts historical and cultural attractions, festivals, performing arts and sporting events, parks and outdoor recreation including the Congaree National Park and 50,000 acre Lake Murray.
  - **To apply:** Applications require: 1) letter of application; 2) curriculum vitae; 3) research statement; 4) teaching statement; and 5) contact information for three references. Submit your application at the following link: http://uscjobs.sc.edu/postings/19825.
CARTOONS

HAPPY FRIDAY THE 13TH!

THE ONLY DAY JASON GETS A BALLOON

CARTOONS SOURCES:

- https://i.pinimg.com/564x/aa/00/36/aa0036f0cf5e68d3d5ff7af2d833b5da--happy-friday-the-th-on-friday.jpg
- https://i.pinimg.com/736x/51/e0/cc/51e0ccf452e449e5502845244c643b71--happy-friday-the-th-on-friday.jpg