QUOTES

- “Delicious autumn! My very soul is wedded to it, and if I were a bird I would fly about the earth seeking the successive autumns.” George Eliot

- “There is a harmony in autumn, and a luster in its sky, which through the summer is not heard or seen, as if it could not be, as if it had not been!” Percy Bysshe Shelley

- “You must learn to be still in the midst of activity and to be vibrantly alive in repose.” Indira Gandhi

- “Nothing contributes so much to tranquilize the mind as a steady purpose - a point on which the soul may fix its intellectual eye”. Mary Shelley

- “I can follow you for thousands of miles and not get lost. I do not fear cold or fire, and I neither eat nor drink, but I disappear when the sun sets in the west. Who am I?” Chinese riddle
KUDOS

Many, many thanks to Reneé Moore and Mary Abosi for their considerable work on organizing StatFest for this weekend! Also, many thanks to the students, alumni, and colleagues who are participating. StatFest is a one day conference aimed at encouraging undergraduate students from historically underrepresented groups to consider careers and graduate studies in the statistical sciences. The conference is an ongoing initiative of the American Statistical Association through its Committee on Minorities in Statistics. The Department and RSPH are honored to host the event this year!

UPCOMING DEPARTMENT MEETINGS

- Graduate Faculty Meeting, Tuesday, Sept 26, 12-1, GCR
- Draft Agenda
  - DGS Update on Laney Graduate School Policy Changes
  - BIOS 507 and 511 sections in the Spring
  - Georgia Statistics Day
  - Other items?

INTERESTING READS

- Jonathan Samet writing how Public Health as a field is similar to jazz.
- Helpful NIH recommendation: How to Demonstrate Scientific Progress in Annual Reports
INTERESTING READS (cont.)

• From the NY Times: As interest in statistics coursework and programs continues to grow in schools, teachers now have a new activity to challenge the next generation of critical thinkers when it comes to analyzing and understanding data. The New York Times Learning Network is launching a unique data literacy exercise titled "What's Going on in This Graph?" where students will use math and statistical thinking skills. Each month, a different graph will be published on a topic suitable for a variety of subjects across the curriculum, and students will be asked to answer the following questions:
  o What do you notice?
  o What do you wonder?
  o What's going on in this graph?

DATA DATA DATA!

  o **NIAID is offering an exciting fellowship opportunity in data science for recent graduates** (past 5 years) who are interested in acquiring a unique training experience involving rotations throughout the Institute to either intramural or extramural programs engaged in data-intensive science.
  • Please see the following link for more information: [https://www.zintellect.com/Posting/Details/3600](https://www.zintellect.com/Posting/Details/3600)

WINSHIP 5K – Join the RUNBIOS Team!

• The **2017 Winship 5K** is coming up in the fall, and we're once again looking for new team members. Runners, walkers, and casual participants along with friends and family are all encouraged to join! The event will be held on the Emory quad (not McDonough Field as in previous years) on Saturday October 14th. Please consider joining which will help raise funds for cancer research at Emory's Winship Cancer Institute, plus you'll get an official Winship 5K shirt as well as a biostatistics-themed t-shirt.
  o We had a great team last year, and we're hoping for an even bigger team this year. Our team name is "Run Bios", and you can sign up at the following link:
  o [http://emory.convio.net/site/TR?fr_id=1090&pg=entry](http://emory.convio.net/site/TR?fr_id=1090&pg=entry)
  o Click on "Join a Team", click the "Search for a Team" button, and select our team name, "Run Bios".
  o Hope to see you there!
• Contact Jeff Switchenko for questions ([jswitch@emory.edu](mailto:jswitch@emory.edu))
NIW NEWS:

- View and Download Reference Data Set for Human Immunology
- Can NIH intramural scientists serve on scientific review groups?

RFAs:

- PA-17-478, Research on the Health of Transgender and Gender Nonconforming Populations (R01)
- PA-17-477, Research on the Health of Transgender and Gender Nonconforming Populations (R21)
- RFA-AI-17-028, Next Generation Multipurpose Prevention Technologies (NGM) (R61/R33 Clinical Trials Optional)
- RFA-AI-17-036, Repurposing Target-Based Pharmaceutical Libraries for Discovery of Therapeutics Against Eukaryotic Pathogens (R21/R33)

WORKSHOPS AND CONFERENCES

- Applications are invited for the "ISBA New Researcher Travel Award" and other opportunities for travel support for junior researchers for the upcoming International Workshop on Objective Bayes Methodology ("O-Bayes17") to be held in Austin, Texas, Su Dec 10 - We Dec 13 [https://sites.google.com/site/obayes2017/](https://sites.google.com/site/obayes2017/) O'Bayes is one of the longest running and preeminent meetings in Bayesian statistics, covering topics like robust, default Bayesian analysis, reproducibility, variable selection, big data and nonparametric Bayes. Deadline for travel grant applications is Oct 1, very soon! For details please see the menu item on the conference homepage.
- University of Florida Workshop on Semiparametric and Nonparametric Statistics in the Era of Big Data to be held this January as appropriate. And also note the poster session with travel awards for advanced PhD students and junior faculty.
JOB OPENINGS

- We invite applications for a tenure track position in statistics at Colby College to begin September 1, 2018. Applications at the Assistant Professor, Associate Professor or Professor levels will be considered. The department offers degrees in mathematics, mathematical sciences, and mathematical sciences with a concentration in statistics. We also offer minors in mathematics and statistics, and a minor in data science is being developed jointly with computer science. Colby is committed to several interdisciplinary programs related to statistics, including a new computational biology major, as well as new initiatives in the digital humanities and in data science. The successful candidate will be the third statistician in the department, joining an established, vibrant, and growing statistics program. Applicants must hold a Ph.D. in statistics, biostatistics, data science or a related field by the date of appointment, have a strong commitment to research, and be passionate about teaching statistics to undergraduates at all levels. The teaching responsibility for this position is five courses per year except in the first year, when the load is reduced to four courses. We are interested in all areas of research, including scholarship that spans disciplinary boundaries. Colby is committed to diversity, inclusion, and equity and seeks candidates who contribute to this via their teaching, research, and service.

  o For more information about the department, please see our web site at www.colby.edu/mathstats/. Colby is a highly selective liberal arts college recognized for excellence in undergraduate education and close student-faculty interaction. Applicants should submit a cover letter, curriculum vitae, statements of teaching and research interests, and three letters of recommendation electronically through www.mathjobs.org/jobs/jobs/10550. Review of applications will begin October 8, 2017, and will continue until the position is filled.

  o Colby is a private, coeducational liberal arts college that admits students and makes employment decisions on the basis of the individual's qualifications to contribute to Colby's educational objectives and institutional needs. Colby College does not discriminate on the basis of race, color, gender, sexual orientation, gender identity or expression, disability, religion, ancestry or national origin, age, marital status, genetic information, or veteran's status in employment or in our educational programs. Colby is an Equal Opportunity employer, committed to excellence through diversity, and encourages applications from qualified persons of color, women, persons with disabilities, military veterans and members of other underrepresented groups. Colby complies with Title IX, which prohibits discrimination on the basis of sex in an institution's education programs and activities. Questions regarding Title IX may be referred to Colby's Title IX coordinator or to the federal Office of Civil Rights. For more information about the College, please visit our website: www.colby.edu
The Department of Statistical Science at Southern Methodist University (SMU), Dallas, Texas invites applications for a tenure-track Assistant Professor position beginning either January 2018 or fall 2018. Candidates must hold a Ph.D. in statistics, biostatistics, or related discipline at the time of the appointment. The successful candidate must demonstrate the potential to develop an agenda of independent and collaborative research, and to attract extra-mural funding.

To ensure full consideration, the application must be received by October 1, 2017 but the committee will continue to accept applications until the position is filled. For further details on the position please refer to the announcement at www.smu.edu/Dedman/Academics/Departments/Statistics/News/.

The University of California, Santa Barbara Department of Geography invites applications for a tenure-track position in spatial data science at the rank of Assistant Professor. The department seeks applicants with core research interests in inferential and computational analysis of spatial data, data mining, and machine learning in support of any substantive domain in the field of Geography or allied fields that rely on spatiotemporal data. The Department of Geography has strengths in three broadly defined areas: human geography; earth system science; and modeling, measurement, and computation. This position is most strongly associated with the third of these areas, but interest in one or both of the other systematic areas is also desirable. We provide opportunities for interactions with many other departments and research units on the campus, including the Center for Spatial Studies, various labs (Space and Time for Knowledge Organization, GeoTrans, GeoOpt), the Broom Demography Center, and the Center for Information Technology & Society. Preference will be given to candidates who have grounding in computational data analysis equivalent to, or exceeding, an M.S. in statistics, computer science, geoinformatics, or related fields, and will have a proven track record of collaboration with diverse disciplinary teams of scientists.

Susan Cassels, Assistant Professor, Department of Geography, University of California. Santa Barbara, CA 93106-4060

https://geog.ucsb.edu/open-positions/
JOB OPENINGS

- We invite applications for one or more faculty positions in FMPH's Division of Biostatistics and Bioinformatics, with a dual focus on research in statistical methodology and in collaborative biomedical science. The Department has need of outstanding statistical expertise in clinical trials and adaptive trial designs and in computational statistics, among other areas. Opportunities are available for participation in a large Alzheimer's Disease research consortium, at the Moores UCSD Cancer Center, at the UCSD Clinical and Translational Research Institute, and with other outstanding research groups at UCSD. These positions entail a substantial commitment to methodological statistical research, including teaching and mentoring at the PhD and Master's level. The successful candidate(s) will have evidence of accomplishment in collaborative biomedical research and in research in statistical methodology. All research areas of biostatistics and applied statistics are welcome; excellent oral and written communication skills are required. An outstanding program of relevant methods research and mentoring, or outstanding promise in these areas, is preferred. Candidates must have a doctoral degree in Biostatistics, Statistics, or a closely related field and will be expected to teach in the PhD program in Biostatistics. At least 2 years of relevant post-doctoral experience is preferred.
  - Review of applicants will begin on November 1, 2017, and the position will remain open until filled.
  - Applications must be submitted through the UC San Diego's Academic Personnel RECRUIT system.
  - apol-recruit.ucsd.edu/apply/JPF01557
    - AA-EOE: The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age or protected veteran status.

- There are multiple tenure track and research track positions available at University of Utah. Here are the links:
  - Tenure track:
    - employment.utah.edu/salt-lake-city-ut/
  - Research track:
    - employment.utah.edu/salt-lake-city-ut/
  - posting to applied biostatisticians who work in in the areas of health equity/disparities, tobacco prevention, and cessation, cancer prevention and control, health services research, next generation primary care, life course epidemiology, occupational health, environmental health, and global health?
JOB OPENINGS

- **Department of Statistics Faculty of Science University of Manitoba** Winnipeg, Manitoba, Canada
  - **Assistant Professor in Statistics** Position # 24530
    - The Department of Statistics invites applications for a full-time tenure-track position at the Assistant Professor level, commencing July 1, 2018, or on a date mutually agreed upon. The Department seeks an emerging scholar with a commitment to excellence in teaching and research. Outstanding candidates in any area of Statistics will be considered, with particular emphasis on candidates who will complement or extend the department’s strengths in actuarial science, quantitative risk management, time series and stochastic calculus. The successful candidate will have a Ph.D. and preferably post-doctoral experience or other distinguishing attributes in statistics, actuarial science or a related field. Duties will include undergraduate teaching, graduate teaching and supervision, research, including the establishment of an externally funded research program, and service-related activities. The successful candidate will have a track record of high quality scholarly research leading to peer assessed publications; will either have, or demonstrate the potential to establish, an independent, innovative, scholarly, externally fundable research program; will have demonstrated strength in or strong potential for outstanding teaching contributions; and will exhibit evidence of the ability to work in a collaborative environment. Salary will be commensurate with experience and qualifications.
    - The Department currently has 12 full time tenured and tenure track faculty members and 5 instructors, and offers a full range of both undergraduate and graduate programs in statistics. The Department has strong research links with other University of Manitoba departments including Actuarial Science, Finance, Computer Science, Mathematics and Community Health Sciences. Further information about the Department can be obtained from <umanitoba.ca/faculties/science/departments/statistics>.
    - All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.
    - Applications including a curriculum vitae, a description of teaching philosophy (and evidence of high quality teaching if available), a summary of research interests and a three-page research plan should be sent to <stats_dept@umanitoba.ca> (PDF files preferred).
    - Please ensure to specify **position number 24530** in the application. The applicant should also arrange to have three reference letters be sent directly to the above email address. For further information contact the Search Committee Chair at <Ligun.Wang@umanitoba.ca>. The closing date for receipt of applications is November 20, 2017. Application materials, including letters of reference, will be handled in accordance with the Freedom of Information and Protection of Privacy Act. Please note that curricula vitae may be provided to participating members of the search process.
JOB OPENINGS

- The Statistics Department at the University of British Columbia, Vancouver, invites applications for two positions at the assistant professor level. One position is in Biostatistics, with cross appointment in the BC Children’s Hospital Research Institute. Both appointments have anticipated start date of July 1 2018 or January 1 2019. Both positions are posted from the main page at www.stat.ubc.ca
  - ASSISTANT PROFESSOR TENURE TRACK IN STATISTICS
    - for more information, including application information, see www.stat.ubc.ca/...
    - Candidates must have a Ph.D. in Statistics, Biostatistics or a related field. Candidates must also demonstrate excellence or potential for excellence in both teaching and research. The successful candidate should have a strong record of research productivity commensurate with their experience and will be expected to develop an independent research program in an area that complements existing Department expertise and aligns with opportunities at UBC. Areas that satisfy both criteria include computational statistics, statistical learning, spatial-temporal modeling and statistical/computational genomics. The successful candidate will also be expected to effectively teach undergraduate and graduate Statistics courses and supervise Statistics M.Sc. and Ph.D. students.
    - Apply by Nov 1 to search@stat.ubc.ca
  - ASSISTANT PROFESSOR GRANT TENURE-TRACK IN BIOSTATISTICS
    - for more information, including application information, see www.stat.ubc.ca/...
    - The Department of Statistics (www.stat.ubc.ca) at the University of British Columbia (www.ubc.ca) and BC Children’s Hospital Research Institute (bcchr.ca) invite applications from outstanding investigators for a full-time academic position at the rank of Assistant Professor, grant tenure-track, with an anticipated start date of July 1, 2018 or January 1, 2019.
    - Candidates must have a Ph.D. in Statistics, Biostatistics, or a related field. Candidates must also demonstrate excellence or potential for excellence in both teaching and research and should have a strong record of research productivity commensurate with their experience. The successful candidate will be expected to develop an independent research program, to engage in developing and applying statistical methods to biomedical data arising from clinical trials, data-intense biological technologies (e.g., medical imaging, metabolomics, proteomics, genomics), and qualitative surveys, and to catalyze synergies between investigators within the Department of Statistics and across the BC Children’s Hospital Research Institute. As a faculty member, the successful candidate will also be expected to participate effectively in the undergraduate, graduate, and postgraduate teaching activities, supervise Statistics M.Sc. and Ph.D. students, as well as make academic service contributions.
The Biostatistics Section in the Department of Quantitative Health Sciences at the Cleveland Clinic is hiring a M.S.-level biostatistician (either experienced or newly graduated).

- Masters-level biostatistical scientists collaborate directly with physicians and other health science researchers throughout the Cleveland Clinic. They work on all phases of research, from planning studies to co-authoring scientific presentations and papers. They make creative use of existing statistical methods and computing, have a mature understanding of the broad role of biostatistics in health science research, and have excellent communication skills. Specifically, they carry out data manipulations, perform statistical analyses in SAS and R, develop SAS macros and R functions, create statistical graphics, and write reports and sections of manuscripts. They work well in a team environment. Those with less experience are guided by experienced team leaders and teammates. Those with substantial experience provide mentoring and formal supervision, and they teach in seminars and short courses around the Clinic.

- Qualified applicants should fill out the online application accessed by searching for “biostatistician” at http://jobs.clevelandclinic.org/
CARTOONS SOURCES:

- http://2.bp.blogspot.com/-Gyl-cD29gj8/Tx7e0I83nel/AAAAAAAAAeg/kJWSXuza1vc/s640/With-this-much-grant-money-only-experiment-we-can-do-is-flip-a-coin.gif
- https://sites.google.com/site/statirancompany/_/rsrc/1472768386170/statistical-cartoons/Chart-with-huge-error-bars.gif
- http://3.bp.blogspot.com/-54ysCa_536c/VL5UyxHmP1I/AAAAAAAATHk/nqJkJsaHpY/s1600/20091229.gif
- http://uploads.neatorama.com/images/posts/12/58/58012/1359894728-0.jpg
- https://popperfont.files.wordpress.com/2014/04/lifesatisfactionnerdversus.jpg?w=1400
- https://i.pinimg.com/originals/26/8d/ba/268db25d89c2affca8edc0b9d94e6930.gif

Mathematicians are no longer allowed at the state lottery funds debate.