QUOTES

• “October is the fallen leaf, but it is also a wider horizon more clearly seen. It is the distant hills once more in sight, and the enduring constellations above them once again.” Hal Borland

• “I'm so glad I live in a world where there are Octobers.” L.M. Montgomery, Anne of Green Gables

• “We cling to our own point of view, as though everything depended on it. Yet our opinions have no permanence; like autumn and winter, they gradually pass away.” Chuang Tzu

• “Everyone must take time to sit and watch the leaves turn.” Elizabeth Lawrence

KUDOS

• Congratulations to Amita Manatunga, Limin Peng, and Ying Guo for their feature article!
UPCOMING DEPARTMENT MEETINGS

- None!

INTERESTING READS

- 7 Trendy and Effective Data Visualization Tools
- 100 Data Stories
  - Visualization of the week linking data science stories
- Data Science on a Chromebook

ALUMNA SPOTLIGHT: ALEX AIELLO, BA/MSPH

I am a biostatistician for the Cleveland Clinic Foundation – a large hospital system in northeast Ohio. I work on a team of biostatisticians and statistical programmers focused on clinical research, most of whom are appointed to a specific department of the hospital. I work for the colorectal surgery department. My projects involve colon and rectal cancer, Crohn’s disease, ulcerative colitis, and other conditions.

I work with data from basic science labs, clinical trials, and institutional and national databases. I help investigators with sample size calculations, study design, randomization, data management, analysis, and manuscript review. A typical day includes meeting with investigators, cleaning and preparing data, running analyses, and writing statistical reports.
DATA DATA DATA

- **Program:** The Data Incubator is an intensive 8 week fellowship that prepares masters students, PhDs, and postdocs in STEM and social science fields seeking industry careers as data scientists. The program is free for Fellows and supported by sponsorships from hundreds of employers across multiple industries. In response to the overwhelming interest in our earlier sessions, we will be holding another fellowship.
  - **Who Should Apply:** Anyone who has already obtained a masters or PhD degree or who is within one year of graduating with a masters or PhD is welcome to apply. Applications from international students are welcome. Everyone else is encouraged to sign-up for a future session.
  - **Locations:** In addition to the below in-person locations, we will have a remote online session: New York City, San Francisco Bay Area, Seattle, Boston, Washington, DC.
  - **Dates:** All sections will be from 2018-01-02 to 2018-02-23.
  - **Application Link:** [https://www.thedataincubator.com/fellowship.html?ch=rec&ref=r27a0e825d582](https://www.thedataincubator.com/fellowship.html?ch=rec&ref=r27a0e825d582)
  - **Data Science in 30 minutes:** Learn how to build a data-science project in our upcoming free Data Science in 30-minutes webcast. Signup soon as space is limited.
  - **Learn More:** You can learn about our fellows at The New York Times, LinkedIn, Amazon, Capital One, or Palantir. To read about our latest fellow alumni, check out our blog. To learn more about The Data Incubator, check us out on Venture Beat, The Next Web, or Harvard Business Review.
JOB OPENINGS

- **Assistant Professor of Public Health Data Science and/or Health Information Technology**
  
  **School of Public Health, University of California at Berkeley**
  
  The School of Public Health at the University of California at Berkeley invites applications for a tenure track Assistant Professor position with an expected start date of July 1, 2018. We seek candidates with exceptional promise for path-breaking contributions in research and education in the areas of public health data science and/or health information technology.
  
  The successful candidate will have a track record of research directly relevant to public health and/or health services, with potential for shaping the future of those fields. The specific methodological or applied areas of interest within public health data science and health information technology are not restricted. These may include (but are not restricted to) expertise in algorithms, big data analytics, clinical decision support, electronic health records, exposomics, genomics, health informatics, interoperability, machine learning, mHealth, networks, precision health and medicine, privacy, and related areas. We welcome applicants with training in public health and/or relevant fields such as biostatistics, business, computational biology, computer science, data science, economics, health services research, health services research, information sciences, or statistics. We seek candidates prepared to contribute to the school’s commitment to diversity [http://sph.berkeley.edu/berkeley-difference/commitment-diversity](http://sph.berkeley.edu/berkeley-difference/commitment-diversity).
  
  The UC Berkeley School of Public Health is one of the nation’s preeminent academic institutions in the field of public health, with PhD programs ranked among the top nationally in biostatistics, environmental health sciences, epidemiology, health policy, and infectious diseases. Health equity in our increasingly diverse communities is core to the school’s mission. The school is centrally located on one of the world’s premier research universities, facilitating collaboration with leaders in relevant disciplines such as computer science, economics, engineering, information, statistics, and a newly created Division of Data Sciences [http://data.berkeley.edu/](http://data.berkeley.edu/). Our faculty also partner closely with UCSF, leading health systems, and the vibrant Bay Area tech and biotech sectors.
  
  Minimum basic qualification: Completion of all Ph.D. or equivalent degree requirements except the dissertation at the time of application and a Ph.D. or equivalent degree is required within one year of hire date.
  
  Deadline: Applications will be reviewed as they arrive and initial review will begin November 1, 2017; applicants are strongly encouraged to apply before this date. Applications will continue to be reviewed until December 1, 2017, when the application period closes. Applications received after that date will not be considered.
  
  To apply, please go to the following link: [https://aprecruit.berkeley.edu/apply/JPF01520](https://aprecruit.berkeley.edu/apply/JPF01520).
  
  Applicants must include a cover letter, curriculum vitae, one to three pieces of published or unpublished scholarship, statement of research, statement of teaching, a statement of past and/or potential contributions to diversity (through research, teaching, and/or service), and three letters of reference. Please direct questions and nominations to Julie Niedermayr at [jln@berkeley.edu](mailto:jln@berkeley.edu), referencing job number JPF01520.
  
  All letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality ([http://apo.berkeley.edu/evalltr.html](http://apo.berkeley.edu/evalltr.html)) prior to submitting their letters.
  
  The school welcomes candidates who may have had non-traditional career paths or taken time off for family reasons.
  
  The university is committed to supporting employees as they balance work and family. For more information about potential relocation to Berkeley, or career needs of accompanying partners and spouses, please visit: [http://ofew.berkeley.edu/new-faculty](http://ofew.berkeley.edu/new-faculty).
  
  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, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: [http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct](http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct).
JOB OPENINGS

- The Department of Statistics at the University of Manitoba
  - One full-time statistical consultant position at the rank of research associate, commencing January 1, 2018, or on a date mutually agreed upon. This position provides a range of services to students, faculty and clients from industry including statistical advice, analysis and training. Clients can come from a wide variety of areas including medicine, environment, business and government. The initial position is a two year term, and will be continued subject to the successful completion of the term and availability of funding.
    - Qualifications
      - A minimum of an M.Sc. in Statistics or related field and 3 years of statistical consulting or data analysis experience;
      - Excellent oral and written communication and project management skills;
      - Expertise in statistical computing with SAS, R and SPSS;
      - Teaching experience in statistical consulting would be an asset;
      - Experience in modern statistical methods and quality control would be an asset.
    - Duties and Responsibilities
      - Provide statistical consulting services to internal and external clients;
      - Collaborate with other units on data driven projects;
      - Train and mentor undergraduate and graduate students in statistical consulting;
      - Conduct statistical data analysis workshops and training sessions to various internal and external groups;
      - Participate in teaching statistical consulting courses;
      - Develop and maintain new contacts with external clients including academic, industry and government.
    - Please send applications (by e-mail or hard copy) to: Department of Statistics, The University of Manitoba, Winnipeg, Manitoba, Canada, R3T 2N2 Telephone: 204-474-9801, Fax: 204-474-7621 E-mail: stats_dept@umanitoba.ca.
    - Please include: a) a cover letter, b) a curriculum vitae, c) a statement of statistical consulting philosophy and d) evidence of statistical consulting and data analyses (if available). Also arrange to have two letters of reference sent directly to the above address. Applications are due on or before October 15, 2017. Application materials, including letters of reference, will be handled in accordance with the protection and privacy provisions of “The Freedom of Information and Protection of Privacy Act (Manitoba)*. Please note that curricula vitae may be provided to participating members of the search process.
  - 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.
    - To enhance our department and create role models for a diverse population of students, we particularly invite application from those who can support and enhance our diversity, including women, Indigenous peoples, other visible minorities, and those committed to a diverse environment.
    - 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>. Winnipeg is the largest city in the Province of Manitoba. The city has a rich cultural environment, including symphony, opera, dance, theatre, and ethnic festivals. The region provides ample opportunities for outdoor recreation in all seasons. Learn more about Winnipeg at <winnipeg.ca>.
    - The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons/persons of colour, Indigenous peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. 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 <Liqun.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.
ASSISTANT/ASSOCIATE BIOSTATISTICIAN FACULTY POSITION, Department of Epidemiology and Biostatistics. UT Health San Antonio, San Antonio, TX

- The Department of Epidemiology and Biostatistics (DEB) at UT Health San Antonio (UTHSA) seeks one experienced, doctorate-level faculty biostatistician for research or tenure-track faculty position at the rank of Assistant/Associate Professor. Candidates are expected to have expertise in longitudinal data, survival analysis, methods for large healthcare databases, statistical genomics applied to clinical outcomes, or clinical trial design. This position provides an opportunity to collaborate with a multidisciplinary research team as well as to lead independent methodological research in a setting with access to a large, ethnically diverse population. The UTHSA is situated in the dynamic city of San Antonio; a wonderful place to live and work that is rich with both culture and history.
- The DEB at UTHSCSA has 16 full-time faculty and 27 staff with a number of additional affiliate faculty. Research interests of the faculty include translational science, clinical- and population-based investigation, the application of epidemiological and biostatistical principles to clinical problem solving, formulation of health policy, and the development of new epidemiological and statistical methods for clinical trial design, analysis of “Big Data”, clinical decision support systems, and statistical genomics.
- The mission of the DEB is to develop and enhance population-based, clinical and translational research in clinical and community settings, to develop epidemiologic, biostatistical and medical informatics resources, and to promote the educational mission of the School of Medicine by teaching epidemiology, biostatistics, and critical appraisal of the medical literature to students, house-staff, and faculty. The DEB is also the home of the Biostatistics and Informatics Core which includes faculty and Masters trained researchers who serve the UTHSA, along with public, community, and private health entities by providing data management, biostatistical and epidemiological support for projects and programs that involve clinical or health data.
- The DEB plays an integral role in UTHSA’s research and educational missions by enhancing the programs to prevent disease, to promote health, to deliver quality health care, and to inform health policy decisions. Depending on the research interests of the selected candidate, there are opportunities to collaborate with colleagues within the medical, nursing, and dental schools as well as other health sciences departments. For candidates interested in cancer research, there are research opportunities with the UT Health Cancer Center, one of four NCI-designated Cancer Centers in Texas and the only NCI designated center in South Texas. The Department also has strong research and educational collaborations with the San Antonio Regional Campus of The University of Texas School of Public Health.
- This position is research track or tenure-track and a 12-month appointment. Appointment is open rank (Assistant/Associate level). Preference will be given to someone with a demonstrated ability to both collaborate on multidisciplinary research teams and to successfully lead their own research program. Applicants must have a doctoral degree (PhD or equivalent) in Biostatistics or Statistics, excellent communication skills, and a strong interest in interdisciplinary collaboration.
- Review of applications will begin immediately and continue until the position is filled. Salary will be commensurate with qualifications. Information about the DEB is available here: http://deb.uthscsa.edu/.
- For full consideration, please visit the UT Health Careers Faculty applicant portal at: http://uthscsa.edu/hr/employment.asp to apply for position #17000315 and upload 1) a cover letter stating career goals and the relevance of the candidate’s training and experience to the position; 2) a current CV; 3) a personal statement describing the candidate’s research plan and teaching experience; and 4) names and contact information of three references. Please direct questions to Elizabeth A. Rolling, Project Coordinator at rolling@uthscsa.edu
- All faculty appointments are designated as security sensitive positions. UT Health San Antonio is an Equal Employment Opportunity/Affirmative Action Employer including protected veterans and persons with disabilities.
**JOB OPENINGS**

- **Washington University in St. Louis Brown School Master of Public Health** program. I am writing to alert you that we are recruiting at all levels for **tenure track faculty positions** in public health and biostatistics specifically. Our announcement can be found at: [https://brownschool.wustl.edu/Faculty-and-Research/Pages/Faculty-Recruitment.aspx](https://brownschool.wustl.edu/Faculty-and-Research/Pages/Faculty-Recruitment.aspx). I kindly ask that you please forward this email to any potentially interested candidates.

- **The Department of Operations Research and Financial Engineering at Princeton University** invites applications for **two tenure-track faculty appointments** at the Assistant Professor level and one tenured appointment at the Associate or Full Professor level. All applications within the general areas of interest of the department will be considered. Along with our on-line postings at various societies such as SIAM, AMS, INFORMS, and IMS, we are reaching out to our peer university departments to ask you to post our ad in your department. We are looking to attract candidates from a diverse group including under-represented groups within our discipline. If you are aware of a potential candidate that fits the job description, please pass the ad along to them directly.
  - **Tabitha Mischler**, Assistant to the Chair, Operations Research and Financial Engineering, Princeton University, Sherrerd Hall, Room 105, Princeton, NJ 08544, Tel: 609-258-0100, Fax: 609-258-4363  
    mischler@princeton.edu
CARTOONS SOURCES:

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