INTERESTING READS

• Statistician projected as Top 10 fastest-growing job: http://thisisstatistics.org/statistician-projected-as-top-10-fastest-growing-job/

• Looking for a fun statistical game? Try “guess the correlation!” https://www.statslife.org.uk/the-statistics-dictionary/2675-a-game-about-correlations-that-s-more-than-just-fun

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“True navigation begins in the human heart. It’s the most important map of all.”
-Elizabeth Kapu‘uwailani Lindsey

“It’s impossible to map out a route to your destination if you don’t know where you’re starting from.”
-Suze Orman
UPCOMING DEPARTMENT MEETINGS

• BIOS Faculty Meeting Tuesday, 2/23, 12-1, Location TBA
  Draft Agenda:
  - Search update, Lance
  - Student recruitment update, Limin/Lance
  - Big data follow up
  - Upcoming Research Incubators - Qi, Traci
  - ACTSI/Winship/CFAR renewals (FYIs from Lance, John, Bob, and Jeanne)
  - SIBS update, Lance and Azhar
  - Call for RSPH Research Advisory Cmt Topics, Amita and Qi
  - Anything else?

ASA NEWS

• See weekly digest

AAAS SCIENCE MAGAZINE DATA STORIES CONTEST

• Science announces a new short-form video competition, beginning March 7th. Wow us with your best data! And when we say “wow,” we mean just that: Make us laugh, make us cry, make us gasp with delight at the stunning discoveries and probing insights you can bring to life with data visualization. All entries should be in video format, and all videos should last no more than 90 seconds.
• http://www.sciencemag.org/projects/data-stories
ATLANTA SCIENCE FESTIVAL

- Curious people of all ages will be in for a fascinating and mind-bending scientific adventure during the Atlanta Science Festival, held March 19-26 and culminating in a free Exploration Expo in Centennial Olympic Park.

- This year’s festival offers 100 STEM/STEAM activities over eight days that will take place at more than 50 Atlanta locations. Experiments, performances, discussions, workshops, tours, tastings and more will connect scientists, teachers, and entrepreneurs with those interested in the role that science plays in today’s world.

- Schedule of events has been released: http://atlantasciencefestival.us6.list-manage.com/track/click?u=7d52a1bf8a&id=d8a6fe0393&e=085e9b985c

STUDENT FELLOWSHIPS AT EMORY

- There are several advanced student fellowships available at Emory for the 2016-17 academic year: http://gs.emory.edu/professional-development/fellowships/advanced.html
WORKSHOPS AND MEETINGS

• **IBC 2016 Registration is Open**
  o Registration is now open for the International Biometric Conference (IBC), to be held July 10-15, 2016 in Victoria, BC. Members of IBS are eligible for reduced registration fees for both the IBC and short courses. Early bird registration ends April 15, 2016, so register early and save!
  o [http://biometricconference.org](http://biometricconference.org)

• **Special Seminar at Emory**

"Cell Lines, Chemotherapy Response, and the Need for Reproducible Research"

Presented by:

**Kevin R. Coombes, PhD**

Professor, Department of Biomedical Informatics
The Ohio State University

**Wednesday, February 24th** 1:30 pm - 2:30 pm

**Whitehead Auditorium**
Bios Buzz

JOB OPENINGS

• **Research Associate (Masters level), Department of Biostatistics, University of Arkansas for Medical Sciences**
  - **Qualifications**: MS in biostatistics/statistics, 2+ years of experience, strong computing skills including extensive SAS and/or R experience, excellent oral/written communication skills. Experience with complex datasets is desirable.
  - **Duties**:
    - Collaborate with researchers to design studies, implement sample size/power calculations, provide analysis plans, and perform statistical programming for data analysis and statistical reports.
    - Support the preparation of peer-reviewed publications as coauthor on publications and provide statistical sections for grant applications.
    - Participate in methodological statistical research working with faculty in the department.
    - Send application including CV ad reference information to: RA Search, UAMS Department of Biostatistics, 4301 W. Markham, Slot 781, Little Rock, AR 72205. (501) 296-1556.

• **MS Biostatistician at Seattle VA ERIC**
  - The Seattle Epidemiologic Research and Information Center (ERIC), Department of Veterans Affairs (VA) is recruiting a masters-level Biostatistician to work with an experienced and growing group of researchers committed to high-quality, epidemiologic research using large, complex health data to address Veteran health issues. The candidate will support the core research mission of the ERIC, which is to coordinate and conduct large observational, epidemiologic research studies of Veterans and Veteran twins addressing deployment, environmental, genetic, and clinical exposures. Under the supervision of Senior Biostatistician, the position provides biostatistical support to 1 or more Center studies. Primary scientific responsibilities will be the application of statistics to observational health research including the design, analysis, interpretation, and documentation phases.
  - **Key Duties**:
    - Collaborate with Principal Investigators, the Senior Biostatistician, and other scientific staff in the select the appropriate study design and analysis to address research on Veteran-related health issues
    - Assist with the data analysis plans and perform advanced statistical analyses of observational data from multiple sources including VA administrative data, pharmacy data, genetic and genomic data, and correlated data from twin studies
    - Prepare statistical and scientific reports and work with other scientific staff to publish the findings in peer-review journals
    - Provide leadership and collaborate with biostatisticians and other scientific staff at other VA epidemiologic research centers
  - **Qualifications**: Candidates must have a minimum of a masters-level degree in a biostatistics, statistics, or a closely related field. The applicant must be proficient in standard statistical software packages, such as Stata and R. Excellent communication skills are necessary, as is the ability to work effectively in a team setting. Familiarity with VA data systems, statistical genetics, and with gene expression and genomic data are also desired qualities. Candidates must be US citizens. Depending on the candidate’s experience, the target salary will be in the GS-9 to GS-11 range according to the Office of Personnel Management General Schedule table at opm.gov.
  - **To apply**: Please send a cover letter and resume to SeattleCSPEC@va.gov. Applications will be accepted until the position is filled; however, materials will be considered starting March 8, 2016. For more information about the Seattle ERIC, please see http://www.seattle.eric.research.va.gov
JOB OPENINGS, continued…

• **Postdoctoral Research Fellow, Northwestern University**
  - The Division of Biostatistics in the Department of Preventive Medicine at Northwestern University Feinberg School of Medicine invites applications for a post-doctoral research fellow, to be supervised by Dr. Juned Siddique. The successful applicant for this position will work on an NIH-funded study to develop and evaluate statistical methods to correct for measurement error in self-reported dietary data from longitudinal lifestyle interventions. The post-doc will work on development of new statistical methods, analysis of existing data, and Monte Carlo simulations. Publications in peer-reviewed journals and presentations at scientific meetings are expected and encouraged. The primary objective of the fellowship is to prepare the individual for a career in academic research and opportunities will be provided for training in grant writing and publishing.
  - Candidates must have a doctoral degree in biostatistics or statistics, experience programming in R, and excellent written and communication skills. Expertise and experience in one or more of the following areas is desirable: measurement error, missing data, Bayesian statistics, and causal inference. This is a two year position with a possible third year. Salary and benefits are competitive. Considerations of applications will continue until the position is filled.
  - Applicants should submit a cover letter, CV, and references to:
    - Juned Siddique
    - Division of Biostatistics
    - Department of Preventive Medicine
    - Northwestern University Feinberg School of Medicine
    - 680 N. Lake Shore Dr., Suite 1400
    - Chicago, IL 60611
    - siddique@northwestern.edu

• **PhD Biostatistician at Seattle VA ERIC**
  - The Biostatistician will work independently and will supervise 1 or more Masters-level Biostatisticians. The Biostatistician will also work closely with the Center’s Senior Biostatistician. Primary scientific responsibilities will be the application of statistics to observational health research including the design, analysis, interpretation, and documentation phases. The Seattle ERIC Biostatisticians typically enjoy contact with the Department of Biostatistics at the University of Washington.
  - **Key Duties:**
    - Collaborate with Principal Investigators, the Senior Biostatistician, and other scientific staff to select the appropriate study design and analysis to address research on Veteran-related health issues
    - Develop data analysis plans and oversee and perform advanced statistical analyses of observational data from multiple sources including VA administrative data, pharmacy data, genetic and genomic data, and correlated data from twin studies
    - Prepare statistical and scientific reports and work with other scientific staff to publish the findings in peer-review journals
    - Supervise and mentor masters-level biostatisticians
    - Provide leadership and collaborate with biostatisticians and other scientific staff at other VA epidemiologic research centers
  - **Qualifications:** Candidates must have a minimum of a doctoral degree in a biostatistics, statistics, or a closely related field. The applicant must be proficient in standard statistical software packages such as Stata and R. Excellent communication and strong leadership and mentoring skills are necessary, as is the ability to work and to lead effectively in a team setting. Desired qualifications include 5 or more years of relevant research experience and supervision. Familiarity with VA data systems, twin research, statistical genetics, and with gene expression and genomic data are also desired qualities. Candidates must be US citizens. Depending on the candidate’s experience, the target salary will be in the GS-12 to GS-13 range according to the Office of Personnel Management General Schedule table at [opm.gov](http://opm.gov).
  - **To apply:** Please send a cover letter and resume to SeattleCSPEC@va.gov. Applications will be accepted until the position is filled; however, materials will be considered starting March 8, 2016.
Bios Buzz

STATISTICS CARTOONS

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‘How does it know?’

CARTOONS SOURCE:
• http://idyeah.com/blog/wp-content/uploads/2013/05/mindmap.jpg
• http://1.bp.blogspot.com/-FbAFawYAvb8/UzE4UWLKKtI/AAAAAAAAIA/tKF_Qr8T6iE/s1600/cartoon1315.png