QUOTES (Galileo Edition!)

- “All truths are easy to understand once they are discovered; the point is to discover them.” Galileo Galilei

- “We cannot teach people anything; we can only help them discover it within themselves.” Galileo Galilei

- “If I were again beginning my studies, I would follow the advice of Plato and start with mathematics.” Galileo Galilei

- “Measure what is measurable, and make measurable what is not so.” Galileo Galilei
UPCOMING DEPARTMENT MEETINGS

- Department Meeting, Rita Anne Rollins Room, 12-1
- Draft Agenda
  - Welcome to David and Ben!
  - SIBS, REU Update (Renee’, Ying, Kirk, Julie?)
  - Enrollment update
  - BIOS 506 non-major section
  - MSCR
  - Search update
  - Department committees
  - Birthdays
  - Anything else?

INTERESTING READS

- In-line graphics from Galileo…

- Data science illustration from data.world: Vega and Vega Lite interactive visualization language:
  - Here’s a way to share advanced visualizations beyond what’s supported by our simple exploratory tools. That’s why we’re excited to support Vega and Vega-Lite in data.world, so you can:
    - Upload .vg.json and .vl.json files to get full previews
    - Embed an uploaded Vega or Vega-Lite file anywhere data.world supports Markdown
    - Insert Vega or Vega-Lite code into a code block in Markdown and create your visualizations live
    - We hope you'll find it easier to visually communicate your insights and ideas with these powerful languages. Walk through Jon’s [dataset example](https://www.data.world/jonwagner/dataset) to see what Vega-Lite looks like in data.world and check out his [blog post](https://www.data.world/jonwagner/blog) for more tips on getting started.
• POSTDOC POSITION, University of Memphis
  o Company Information: The University of Memphis, School of Public Health is seeking applicants for a postdoctoral position in Genetic and Bioinformatic Statistics in the Division of Epidemiology, Biostatistics, and Environmental Health. The School of Public Health has national prominence in Epidemiology and Biostatistics, with research funding from NIH, CDC, other federal and state agencies, private foundations and industry. There is substantial collaborative research with other entities on and off campus.
  o Position Title: Postdoctoral Duty & Responsibilities: A postdoctoral opening in Genetic and Bioinformatic Statistics within the Division of Epidemiology, Biostatistics, and Environmental Health is available, with start date Spring 2018. The position is rooted on an epigenetic project recently funded by the National Institute of Allergy and Infectious Diseases, National Institute of Health. Responsibilities include semi-parametric or non-parametric Bayesian statistical methods development and simulation studies to analyze high throughput (epigenetic) data in association studies, and collaboration with epidemiological, epigenetic, and clinical researchers on the research team in the U.S. and U.K. A doctoral degree in Biostatistics, Statistics, or a related field is preferred. Candidates with strong interests and experiences in collaborative research and outstanding verbal communication skills are highly encouraged to apply.
  o Position Qualifications: PhD or equivalent in Biostatistics, Statistics, or a related quantitative field, and independent collaborative statistical experience. Salary Range: Competitive Benefits: Competitive Web Site: http://www.memphis.edu/sph/
  o Application Address: https://workforum.memphis.edu/postings/15768
  o Send three reference letters to the following address or by email given below:
    ▪ Hongmei Zhang, Associate Professor
      Division of Epidemiology, Biostatistics, and Environmental Health
      224 Robinson Hall
      3825 DeSoto Ave.
      Memphis, TN 38152
      Contact Email: hzhang6@memphis.edu
  • Application Deadline: Until filled
NIH NEWS

• **NIAID Raises New-PI R01 Payline, Sets R03 Payline**
  o In support of the Next Generation Researchers Initiative, NIAID has raised the R01 payline for new investigators to the 18 percentile (refer also to Information for New Investigators). Additionally, the Institute has set the small grants (R03) payline at an overall impact/priority score of 28. For more information, see NIAID Paylines.

• **“How can I get an R56-Bridge award?”—anonymous reader**
  o You don't apply for an R56-Bridge award. Rather, program officers nominate you for one based on your R01 application. If it is programmatically important and missed the payline, you may be nominated.
  o For more information, see the NIAID R56-Bridge Award SOP.

• **The Genomic Data Sharing Policy Covers More Than GWAS**
  o Too often, applicants submit grant applications with the statement "not a genome-wide association study" instead of identifying whether their proposed research falls under the NIH Genomic Data Sharing (GDS) policy (link is external).
  o Though the policy went into effect over two years ago, you may not have realized that the GDS policy is broad; it covers more than just genome-wide association studies (GWAS).
  o **GDS Policy Summary**
    - This policy applies to all NIH-funded competing grant applications, contract proposals, and intramural projects at any funding level.
    - When you propose research that will generate large-scale human or nonhuman genomic data, highlight this in your cover letter. Also include a GDS plan in the Resource Sharing Plan to list the following elements:
      - What specific data types
      - Where will the data be deposited
      - When will the data be deposited.
    - Your plan should not simply re-state the policy and indicate that you'll adhere to it. The genomic data sharing plan should indicate how you plan to adhere to the policy for the specific projects in your application and include the information listed above. Otherwise NIAID will request revisions.
    - Refer to What should be included in a data sharing plan and when should it be submitted? (link is external)
    - "Large-scale" is a key qualifier; not every project that generates genomic data falls within the scope of the GDS policy. As examples, large-scale data include the following:
      - GWAS
      - Single nucleotide polymorphism (SNP) arrays
      - Genome sequence, transcriptomic, epigenomic, and gene expression data
    - If you are generating genomic data that does not meet the definition of "large-scale," consider including a section in your Resource Sharing Plan that says, "Genomic Data Sharing: Not Applicable" with a brief explanation. Grant applications aren't always sufficiently detailed for staff to determine whether the GDS policy applies, in which case staff must contact the PI, which can cause delays.
  o Get more information at the NIH Genomic Data Sharing (link is external) site. For examples of what constitutes large-scale genomic data, see the Supplemental Information to the NIH GDS Policy (link is external)
CARTOONS SOURCES:

- https://everystudentalearn.files.wordpress.com/2015/03/word-problem-cartoon.jpg
- http://2.bp.blogspot.com/-hVQWf51uUL/UuphYPIdy6I/AAAAAAAAY0/zm76thOYJtM/s1600/DogMath.gif