Caucus of Academic Reps (CAR) Weekly Digest
March 17, 2017

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Positions

(1) Emory University Rollins School of Public Health: Department Chair and Rollins Professor, Biostatistics and Bioinformatics

The Rollins School of Public Health (RSPH) of Emory University is recruiting a dynamic leader with a forward-looking vision for this rapidly evolving field to serve as Chair of the Department of Biostatistics and Bioinformatics (BIOS; sph.emory.edu/departments/bios). Applicants should possess a doctoral degree in Biostatistics, Statistics, or a related discipline; a prominent record of academic research, scholarship, service, and teaching; a demonstrated capacity to secure external research funding; dedication to faculty career development and to training the next generation of biostatistics students; and strong advocacy for methodological and collaborative research. Candidates should have a strategic understanding of trends in the field; demonstrated ability to foster creativity and innovation; and proven leadership and management abilities in a complex environment. The committee will accept applications from candidates with an established record that merits appointment as a tenured full professor. The Department Chair position is supported by an endowed Rollins chair.

Applicants should apply to Emory position 69371 and send a letter indicating their interest accompanied by a curriculum vita to: Dr. Colleen McBride, Search Committee Chair, c/o Ashley Mastin (amastin@emory.edu). Applications will be kept confidential and references will not be contacted without the permission of applicants.

The starting date is negotiable and salary is commensurate with qualifications. Review of applications will begin immediately and continue until the position is filled.
(2) Southern Methodist University, Cox School of Business: post-doctoral position

The Marketing Department at the Cox School of Business, Southern Methodist University, in Dallas, Texas, is seeking candidates for a post-doctoral position. Candidates must have strong research capabilities in their discipline, and will be expected to provide teaching support to existing graduate business analytics courses. Depending on school needs, the candidate may teach quantitative courses in the undergraduate and graduate programs in the business school. Candidates who apply should have earned a doctorate, or in the process of completing their doctorate (Ph.D.), in marketing, another business discipline, or a related field such as statistics, operations, economics, computer science or engineering. In addition, candidates should be proficient in both R and SAS, and should be able to provide teaching support for courses using both platforms. Salary is negotiable based on experience, research record and rank. Hiring is contingent on the satisfactory completion of a background check.

Applicants should provide a curriculum vita, two recommendation letters or a list of references, and evidence of written work and teaching effectiveness, if any.

Please apply by sending vitae, recommendations, and other materials to rbriesch@smu.edu by April 1, 2017.

(3) University of Rochester Goergen Institute for Data Science: Deputy Director and Instructor in Data Science

The University of Rochester Goergen Institute for Data Science (GIDS) seeks applicants for a full time Deputy Director for GIDS, who will also serve as an instructor in data science. We seek candidates with a PhD in computer science, statistics, or a related STEM field. The preferred candidate will have academic and/or other administrative and program leadership experience, college teaching experience, the demonstrated ability to develop new courses, strong interpersonal skills, flexibility, and a passion for interdisciplinary education. The position starts as early as July 1, 2017.

Responsibilities include:

- Program Development and Leadership: Serve as part of GIDS leadership team, participating in GIDS strategic planning and oversight, including development and implementation of new initiatives.
- Education Program: Direct the overall educational initiatives for GIDS, including the graduate and undergraduate programs. This includes assessing, planning and implementing changes to all aspects of the education programs, coordinating with schools and programs across the University. With support from the GIDS Program Director, oversee expansion of student recruitment, internships, career development and placement initiatives.
- Instruction: Teach a total of 2-3 courses per year (1-2 per semester) in data science and computer science, in areas such as databases, data mining, and data science capstones and practicums. For the capstone and practicum courses, the instructor would work with industry partners and research groups across the university to create and supervise student projects based on real-world problems.
- Advising: Advise Data Science majors, MS students, perspective applicants and participate in academic advising sessions, open houses, and similar events.
For more information about the Goergen Institute for Data Science, please visit: http://www.rochester.edu/data-science/

Applications accepted on-line, https://www.rochester.edu/faculty-recruiting

Candidates should upload a cover letter of interest, curriculum vitae, and teaching statement describing teaching experience and teaching philosophy. Review of applicants will begin immediately and continue until the position is filled.

(4) The University of California, Davis, School of Medicine, Department of Public Health Science: Assistant or Associate Adjunct In Residence

The University of California, Davis, School of Medicine, Department of Public Health Sciences is seeking to fill a faculty position at the Assistant or Associate Adjunct series.

As an Assistant/Associate Adjunct In Residence, the appointee chosen for this position will be responsible for collaborative research, independent research, teaching, and mentoring. In addition, the appointee will manage the consulting process in the Clinical and Translational Science Center (CTSC).

Candidates must possess a doctoral degree in biostatistics or statistics and have experience in teaching statistics to non-specialist audiences. An established record of collaborative and independent methodological research is required, including recent peer-reviewed publications; demonstrated experience with the design, analysis, and reporting of epidemiologic and/or medical studies; and experience in obtaining grant funding. The successful candidate will have experience in managing a statistical consulting service. Candidates must have the ability to work cooperatively and collegially within a diverse environment.

The fields of specialization are open, but particular consideration will be given to candidates with experience and/or interests in collaborative biomedical research, and with focus in one or more of the following areas:

- Clinical transitional science/clinical trials
- Biomarker discovery
- "Big data" statistics: omics and/or administrative data
- Environmental statistics

Preference will be given to candidates with strong written and verbal communication abilities.

Application Procedure and Deadline:

Applications will be accepted until the position is filled through June 30, 2017. However, for full consideration, please go to: recruit.ucdavis.edu/apply/JPF01477 to submit your cover letter, CV, statement of research, statement of contributions to diversity, and names of three references by April 1, 2017. If you have any questions please contact Mrs. Valerie M. Anderson by email vmaanderson@ucdavis.edu or phone 530-752-3627.

For more information regarding the UC Davis Department of Public Health Sciences, please visit the website at: http://www.phs.ucdavis.edu

This recruitment is at the Assistant/Associate rank. The resulting hire will be at the Assistant/Associate rank, regardless of the proposed appointee's qualifications.
(5) University of Michigan, Department of Statistics: postdoctoral positions

The Department of Statistics at the University of Michigan anticipates funding for two postdoctoral associates under a new NSF Research and Training Grant (RTG), "Understanding dynamic big data with complex structure". These positions are restricted to US citizens, nationals, and permanent residents. The postdoctoral associates must hold a PhD in statistics or a related discipline awarded after January 1, 2015. Exceptions to this rule, occasioned for example by a career interruption, may be requested in your cover letter.

The postdoctoral associate is expected to choose at least one mentor among the group of faculty affiliated with the RTG, currently (in alphabetical order) Mouli Banerjee, Johann Gagnon-Bartsch, Ben Hansen, Xuming He, Edward Ionides, Liza Levina, Susan Murphy, Stilian Stoey, Ambuj Tewari, and Ji Zhu. The postdoc will interact closely with both faculty and graduate students in their chosen research group, but will also have a fair amount of freedom to develop their own innovative research program. The position includes modest teaching duties in the Statistics department, teaching one course per semester on average, with an opportunity to teach an advanced PhD course. This will allow the postdoc to build a strong academic profile in teaching as well as in research.

The University of Michigan is a leading research university known internationally for its vibrant community of scientists and scholars. The new Michigan Institute for Data Science (MIDAS) provides additional opportunities for interdisciplinary collaborations. The postdoctoral associates will be closely mentored and have ample opportunities for professional development. Ann Arbor is a great place to live and offers a culturally and intellectually rich experience to its residents, with excellent restaurants, shops, museums, parks, and live events.

The expected start date is September 1, 2017. A typical RTG postdoctoral appointment is for three years (Sep 2017 - May 2020). The salary, based on teaching two courses per year, is $67,000 for 12 months, plus a competitive benefits package. Applications will be evaluated starting March 10 and until the position is filled; please apply as soon as possible.

To submit an application, please visit www.mathjobs.org/jobs/jobs/10092. Include a cover letter indicating which RTG faculty member(s) you are interested in working with and the names of at least three potential letter writers, your CV, and research and teaching statements.

(6) Icahn School of Medicine: postdoctoral position

A postdoctoral position in data science is available at the Icahn School of Medicine at Mount Sinai. The successful candidate will be joining the Suarez-Farinas Lab, a collaborative group, involving the Center for Biostatistics and the Department of Genetics and Genomic Sciences. Our primary focus is analysis of high-dimensional biomarker studies coupled with mechanistic clinical trials, as well as the development of precision medicine algorithms for food allergy, psoriasis and Inflammatory Bowel Syndrome.

We seek capable and self-motivated individuals who have earned a doctoral degree or foreign equivalent in an interdisciplinary, data-driven field, with educational emphasis in statistics/bioinformatics/data science/machine learning. Additional qualifications include: a superior academic performance, proficiency in R, experience with handling of BIG data and an ability to be self-directed with broadly-defined limits on assignments; excellent communication skills, both oral and
written; and a demonstrated ability to interact efficiently with diverse people in a highly multidisciplinary environment. Job description: The applicant is expected to show excellence in independently conducting analyses of high dimensional data (such RNA sequence and proteomic data) including but not limited to applying methods for normalization and quality control (QC), statistical modeling, machine learning algorithms. This is a full-time, two-year postdoctoral position. Candidates may not have more than five years of postdoctoral experience including that from other institutions.

Review of applications will begin. Interested individuals should send a CV and the names of three references to Dr. Suarez-Farinas (mayte.suarezfarinas@mssm.edu) with a subject line “postdoc position”).

Funding opportunities and information

(1) NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

Full Proposal Deadline Date: March 29, 2017

See NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

Program Guidelines: NSF 17-527

(2) NSF STEM + Computing Partnerships (STEM+C)

Full Proposal Deadline Date: March 29, 2017

See STEM + Computing Partnerships (STEM+C)

Program Guidelines: NSF 17-535

NSF: Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

See Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Full Proposal Window: March 22, 2017

Program Guidelines: NSF 17-534

The BIGDATA program seeks novel approaches in computer science, statistics, computational science, and mathematics, along with innovative applications in domain science, including social and behavioral sciences, education, biology, the physical sciences, and engineering that lead towards the further development of the interdisciplinary field of data science.

The solicitation invites two categories of proposals:

**Foundations (F):** those ...

More at www.nsf.gov/funding/...

This is an NSF Upcoming Due Dates - Computer/Information Sciences item.
(3) NIH: Research Answers to NCI's Provocative Questions (R01 & R21)

- Research Answers to NCI's Provocative Questions (R01)
  (RFA-CA-17-017)
  National Cancer Institute
  Application Receipt Date(s): June 28, 2017; October 30, 2017; June 28, 2018; October 30, 2018, by 5:00 PM local time of applicant organization. All types of applications allowed for this funding opportunity announcement are due on these dates. No late applications will be accepted for this Funding Opportunity Announcement.

- Research Answers to NCI's Provocative Questions (R21)
  (RFA-CA-17-018)
  National Cancer Institute
  Application Receipt Date(s): June 28, 2017; October 30, 2017; June 28, 2018; October 30, 2018, by 5:00 PM local time of applicant organization. All types of applications allowed for this funding opportunity announcement are due on these dates. No late applications will be accepted for this Funding Opportunity Announcement.

(4) NIH: From Genomic Association to Causation: A Convergent Neuroscience Approach for Integrating Levels of Analysis to Delineate Brain Function in Neuropsychiatry (Collaborative U01 & U01)

- From Genomic Association to Causation: A Convergent Neuroscience Approach for Integrating Levels of Analysis to Delineate Brain Function in Neuropsychiatry (Collaborative U01)
  (PAR-17-176)
  National Institute of Mental Health
  Application Receipt/Submission Date(s): May 1, 2017 and then Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

- From Genomic Association to Causation: A Convergent Neuroscience Approach for Integrating Levels of Analysis to Delineate Brain Function in Neuropsychiatry (U01)
  (PAR-17-179)
  National Institute of Mental Health
  Application Receipt/Submission Date(s): May 1, 2017 and then Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

(5) NIH: Two RFI's

- Request for Information (RFI): Input for National Cancer Institute (NCI) Cancer Moonshot Pediatric Immunotherapy Translational Science Network Implementation Team
National Cancer Institute

- Request for Information on Processes for dbGaP Data Submission, Access, and Management (NOT-OD-17-044) National Institutes of Health

(6) NIH: Data Coordinating Centers and related

- Natural Product Multi-Site Clinical Trial Data Coordinating Center (Collaborative U24) (PAR-17-172)
  National Center for Complementary and Integrative Health
  Application Receipt/Submission Date(s): New Applications: October 6, 2017; June 7, 2018; February 7, 2019; and October 7, 2019 Resubmission and Revision Applications: June 21, 2018, February 21, 2019, and October 21, 2019, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

- Mind and Body Intervention Multi-Site Clinical Trial Data Coordinating Center (U24) (PAR-17-173)
  National Center for Complementary and Integrative Health
  Application Receipt/Submission Date(s): New Applications: June 2, 2017; February 2, 2017; October 3, 2018; May 31, 2019; and January 31, 2020 Resubmission and Revision Applications: February 14, 2018; October 17, 2018; June 14, 2019; and February 14, 2020 by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

- Clinical Coordinating Center for NCCIH Multi-Site Investigator-Initiated Clinical Trials of Natural Products (Collaborative UG3/UH3) (PAR-17-174)
  National Center for Complementary and Integrative Health
  Application Receipt/Submission Date(s): New Applications: October 6, 2017; June 7, 2018; February 7, 2019; and October 7, 2019 Resubmission and revision Applications: June 21, 2018; February 21, 2019; and October 21, 2019, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

- Clinical Coordinating Center for NCCIH Multi-Site Investigator-Initiated Clinical Trials of Mind and Body Interventions (Collaborative UG3/UH3) (PAR-17-175)
  National Center for Complementary and Integrative Health
  Application Receipt/Submission Date(s): New Applications: June 2, 2017; February 2, 2018; October 3, 2018; May 31, 2019; and January 31, 2020 Resubmission and Revision Applications: February 14, 2018; October 17, 2018; June 14, 2019; and February 14, 2020 by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

(7) NIH: Two NIGMS programs to enhance diversity in biomedical research workforce

- Research Education: Bridges to the Doctorate (R25) (PAR-17-209)
National Institute of General Medical Sciences
Application Receipt/Submission Date(s): September 25, 2017; September 25, 2018, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

- Bridges to the Baccalaureate Program (R25)  
(PAR-17-210)
National Institute of General Medical Sciences
Application Receipt/Submission Date(s): September 25, 2017; September 25, 2018, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

(8) National Academy of Education Dissertation and Postdoc fellowships

Representatives of the National Academy of Education recently contacted the ASA to make sure the statistical community is aware of their dissertation and postdoc fellowships:

- National Academy of Education Dissertation Fellowship Program
- National Academy of Education/Spencer Postdoctoral Fellowship Program

These have been added to the other resources for graduate students, postdocs, early-career and other researchers at www.amstat.org/ASA/Your-Career/...

(9) CKD Biomarkers Consortium Funding Opportunity

The Chronic Kidney Disease Biomarkers Consortium (CKD BioCon) was established by the National Institute of Diabetes and Digestive and Kidney Diseases to promote the discovery, evaluation and validation of biomarkers to advance the field of chronic kidney disease (CKD) research. CKD BioCon is currently accepting applications to fund pilot and feasibility studies focused on the discovery, validation, or qualification of CKD biomarkers. As part of this program, applications proposing the development and/or evaluation of new statistical methods relevant to biomarker research which are specifically related to CKD biomarkers will be accepted.

The deadline for preliminary applications is April 21, 2017. The full funding opportunity announcement is attached and can also be found at: www.ckdbiomarkersconsortium.org/...

For more information please contact the CKD BioCon Data Coordinating Center: bioconpf@mail.med.upenn.edu

(10) SLOAN: Empirical Economic Research Enablers

ASA was recently reminded of Sloan's interest in work related to federal statistical agencies, particularly the use of administrative data for research (through linkage or otherwise). One general objective cited in this area is to see the transaction costs of researchers using administrative data reduced.
This program is funded through their subprogram, Empirical Economic Research Enablers, which is part of the Economic Institutions, Behavior, & Performance program. The URL is sloan.org/programs/economics/...:

Projects in this sub-program study economic researchers, specifically with regard to their needs, opportunities, incentives, and professional practices. Research topics include legal entity identifiers; data citation standards; identification and tracking systems for scholars; federal statistics; smart disclosure platforms for obfuscated markets; data and metadata management protocols; privacy and access to social science datasets; the replicability of empirical research; and the economics of knowledge contribution and distribution.

See other Sloan program interest areas at https://sloan.org/.

**(11) Department of Energy Office of Science Graduate Student Research program**

The Office of Science Graduate Student Research (SCGSR) program is accepting applications. Applications are due May 16, 2017.

SCGSR prepares graduate students for STEM careers critically important to the DOE Office of Science mission, by providing graduate thesis research opportunities at DOE laboratories.

The SCGSR program provides supplemental awards to outstanding U.S. graduate students to pursue part of their graduate thesis research at a DOE laboratory in areas that address scientific challenges central to the Office of Science mission. The research opportunity is expected to advance the graduate students’ overall doctoral thesis, while providing access to the expertise, resources, and capabilities available at the DOE laboratories.

For more information and/or to apply: science.energy.gov/wdts/scgsr

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**Workshops and Conferences**

**(1) Summer Institute in Statistics for Big Data: July 2017, Seattle WA**

The University of Washington’s Department of Biostatistics is pleased to announce the third Summer Institute in Statistics for Big Data. SISBiD will be held July 10-26, 2017 in Seattle.

SISBiD consists of five short courses (modules), each 2.5 days long, on the following topics:

- Wrangling biomedical big data
- Visualizing biomedical big data
- Supervised machine learning
- Unsupervised machine learning
- Reproducible research

Participants can register for one or more of these modules. Instructors have world-class expertise in biostatistics and big data science.

Registration and travel scholarships are available for students and postdocs. Scholarship applications will
be accepted through March 31, 2017.

Learn more at: biostat.washington.edu/suminst/sisbid
Scholarship application page: biostat.washington.edu/suminst/sisbid/scholarships

(2) Biomedical Statistical Modeling: A Conference in Honor of Jeremy Taylor’s 60th Birthday

Registration is now available for “Biomedical Statistical Modeling: A Conference in Honor of Jeremy Taylor’s 60th Birthday,” to be held on June 9-10, 2017 at the University of Michigan in Ann Arbor. The speakers include leading experts working in the areas of biomarker modeling, clinical trials, missing data, and other fields in which Dr. Taylor has made many significant contributions. Please register at sph.umich.edu/biostat/events/jeremy-taylor-event.html

(3) NSF/Census Research Network 2017 Spring Meeting April 24

The National Science Foundation/Census Research Network (NCRN) 2017 Spring Meeting is the opportunity to learn about recent research within the NSF-Census Research Network.

Monday April 24th

Location: U.S. Census Bureau HQ

Registration and full program: here

Topics will include:

• Linkage and Geography
• Privacy and Confidentiality
• 2020 Census Cost Benefit Analysis
• 2017 Economic Census

(4) IMSM Graduate Student Modeling Workshop, July 2017

The 23rd Industrial Mathematical & Statistical Modeling (IMSM) Workshop for Graduate Students will take place at North Carolina State University, between 16-26 July 2017. The workshop is sponsored by the Statistical and Applied Mathematical Sciences Institute (SAMSI) together with the Center for Research in Scientific Computation (CRSC) and the Department of Mathematics at North Carolina State University.

The IMSM workshop exposes graduate students in mathematics, engineering, and statistics to exciting real-world problems from industry and government. The workshop provides students with experience in a research team environment and exposure to possible career opportunities. On the first day, a Software Carpentry bootcamp will bring students up-to-date on their programming skills in Python/Matlab and R, and introduce them to version control systems and software repositories.

Local expenses and travel expenses will be covered for students at US institutions.

The application deadline is April 15, 2017.
Information is available at http://www.samsi.info/IMSM17
and questions can be directed to grad@samsi.info

(5) Fourth Annual Graduate Workshop on Environmental Data Analytics

Fourth Annual Graduate Workshop on Environmental Data Analytics - June 12-16, 2017, NCAR, Boulder CO.

http://www2.cisl.ucar.edu/events/workshops/4th-annual-graduate-workshop-environmental-data-analytics-2017

This workshop series is designed to help prepare the next generation of researchers and practitioners to work within, and contribute to, the data-rich era. Each workshop will bring together graduate students and senior scientists in environmental statistics and related fields to explore contemporary topics in applied environmental data modeling. The workshop will consist of hands-on computing and modeling tutorials, presentations from graduate student participants, and invited talks from early career and established leaders in environmental data modeling. Tutorials and invited talks will address useful ideas and tools directly applicable to student participants' current and future research.

Workshop participants will: *Develop new modeling and computing skills through hands-on analyses and lectures led by quantitative scientists *Share research findings and explore open questions within and at the interface of environmental, ecological, climatic, and statistical sciences *Learn about the National Center for Atmospheric Research (NCAR) and National Ecological Observatory Network (NEON) data resources that can facilitate scientific discovery Workshop tutorials: *Climate data analytics: Doug Nychka, Institute for Mathematics Applied to Geosciences, NCAR *Introduction to Bayesian statistics and modeling for environmental and ecological data: Alix Gitelman, Department of Statistics, Oregon State University *Hierarchical models for spatio-temporal data analysis: Andrew Finley, Department of Forestry, Michigan State University Twenty five graduate students in environmental, ecological, climatic, and statistical science fields will be selected to participate in this year's week-long workshop. There is no registration fee. Lodging will be at CU-Boulder and daily transportation to NCAR Mesa Lab and NEON is covered by the sponsors (NSF, NCAR, IMAGe, and SAMSI).

Participants will only be responsible for travel to Boulder and meals. Application materials are due March 31 and notification will occur around April 4. Please see http://www2.cisl.ucar.edu/events/workshops/4th-annual-graduate-workshop-environmental-data-analytics-2017 for application details. Please email Andrew Finley finleya@msu.edu with any questions.

(6) Workshop on Multi-component Interventions: May 3, 2017

The Chicago Chapter of the American Statistical Association (ASA) and the Department of Preventive Medicine at Northwestern University Feinberg School of Medicine are pleased to announce the 2017 Spring Workshop:

“Novel Experimental Approaches to Designing Effective Multi-component Interventions”

Speakers: Linda M. Collins, Pennsylvania State
Inbal Nahum-Shani, University of Michigan
Susan A. Murphy, University of Michigan
Motivated by the desire to make optimal use of limited resources, a variety of new experimental designs have been developed to inform the construction of multi-component interventions—including interventions that capitalize on the ubiquity of mobile phones and advances in passive sensing technologies. These designs allow the experimenter to intervene in a dynamic, adaptive, and just-in-time manner. This workshop presents a non-technical introduction to multi-component interventions, adaptive interventions, and Just-In-Time adaptive interventions (JITAI) by the leading experts in the field. Organizing frameworks and experimental approaches that can inform the construction of these interventions will be reviewed. This includes: the multiphase optimization strategy (MOST), sequential multiple assignment randomized trials (SMART), and micro-randomized trials (MRT). A variety of case studies will be used for illustration.

Schedule Overview:
8:00-9:00am: Breakfast & Registration
9:00-9:15am: Introduction
9:15-10:45am: MOST + Factorials
10:45-11:00am: Break
11:00am-12:30pm: AI + SMART
12:30pm-1:30pm: Lunch
1:30-3:00pm: JITAI + MRT
3:00-3:15pm: Break
3:15-4:30pm: Summary

Breakfast, Lunch & Snacks will be provided.

Registration: Registration for the workshop is located on the Chicago ASA webpage. Spaces are limited to the first 80 registrants. The early registration deadline is April 26, 2017. Early registration costs are $75 for students, $100 for Chicago Chapter members, and $125 for non-members. You don’t have to be a Chicago Chapter member to register on the Chicago Chapter website.

(7) 10th AdvaMed-FDA Medical Device & Diagnostics Statistical Issues Conference April 26 - 27, 2017

April 26 - 27, 2017, Washington Marriott at Metro Center, 775 12th St NW | Washington, DC 20005

Keynote Speaker: Robert Califf, Former FDA Commissioner

View the conference agenda, registration, and more here!

Join us to celebrate our 10th year of the Annual FDA-AdvaMed Medical Devices and Diagnostics Statistics Conference. This annual conference brings together leading authorities from FDA, industry and academia to address statistical topics through two tracks- therapeutic device and diagnostics.

Topics to be covered this year include:
General Sessions
- Real world evidence (RWE)
- Guidances
- Effective FDA/Industry Communication

Therapeutic Track
- Bayesian and Adaptive Designs
- Heterogeneity Issues in Clinical Trials
- Statistical Challenges in Trial Design 1
- Statistical Challenges in Trial Design 2 Related to Data Quality Improvement

Diagnostic Track
- In Vivo Diagnostics
- Analytical studies
- Companion Diagnostics (CDx)
- Emerging technologies and precision medicine

(8) 38th NJ Chapter Annual Spring Symposium

Statistical Inference Beyond p-values: Are we all aligned?

The 2016 American Statistical Association (ASA) “Statement on Statistical Significance and P-Values” has stirred the old debate about statistical inference based on p-values. With the six principles underlying the proper use and interpretation of the p-value, the ASA statement provides guidance to improve the conduct and interpretation of quantitative science and inform the growing emphasis on reproducibility of scientific research. While popular misconceptions and misuse of p-values are well-recognized, alternatives to p-values are fiercely debated that many expect would carry the theoretical robustness and elegance of interpretation when it comes to hypothesis testing. As the scope of statistical inference has rapidly expanded over the years, renewed interest is placed on the importance of appropriately chosen techniques, properly conducted analyses, and correct inference/interpretation. Emphasis of estimation over testing, Bayesian methods, likelihood ratios or Bayes factors are frequently cited alternatives. Other approaches such as decision-theoretic modeling and false discovery rates are also suggested. The main question is - Are statisticians aligned on the statistical inference beyond p-values when communicating results to the broader scientific community?

The ASA New Jersey Chapter is proud to present its 38th Annual 2017 Spring Symposium on a very important and foundational topic that has plagued statistical decision makers for over a half-century giving rise to strong advocates practicing multiple inferential alternatives. The Symposium will be held on Thursday, May 25th, 2017 at the Rutgers RWJ School of Medicine A panel discussion will be arranged with the invited speakers at the end of the talks to encapsulate the most pressing concerns arising either from a methodological or pragmatic perspective.

This year we will have a poster session in addition to the talks. The topics do not have to be related to the theme of the Symposium. If interested in submitting a poster, please send a brief abstract to Steve Ascher (stelbon@comcast.net) for consideration by the Symposium Committee.
(1) Nomination for ASA W.J. Youden Award in Interlaboratory Testing by March 25, 2017

The ASA Youden Award Committee is seeking nomination for the 2017 W.J. Youden Award in Interlaboratory Testing by March 25, 2017.

The W. J. Youden Award in Interlaboratory Testing was established in 1985 to recognize the authors of publications that make outstanding contributions to the design and/or analysis of interlaboratory tests or describe ingenious approaches to the planning and evaluation of data from such tests. Award recipients are presented with an engraved award and $1,000, which is divided evenly among the recipients. The award is presented annually if, in the opinion of the awards committee, an eligible and worthy publication is nominated.

Selection Criteria

Interlaboratory tests, sometimes called collaborative studies or round robins, constitute a broad field of statistical activity in commercial, regulatory, and industrial practice. They are used in many disciplines for comparing results produced in different laboratories, determining consensus values, and assessing and developing test methods. Such studies are often interactive, with the goal of reducing discrepancies among results. Determination of consensus values may include work on reconciling dissimilarities of several contributory data-generating processes by accommodating them, as in analysis of multicenter clinical trials.

The W. J. Youden Award in Interlaboratory Testing is bestowed upon distinguished individual(s) whose publications have appeared or been accepted for publication in English-language, professionally refereed journals or monograph series during the given year or the two preceding years.

Nominations

Nominations are due by March 25, 2017, and the award is presented at the Joint Statistical Meetings 2017. Nomination letters, along with a copy of the publication(s), should be emailed to yhuang@fhcrc.org

Questions: Please contact the committee chair blaza.toman@nist.gov

(1) Announcing the 2018-2019 Fulbright U.S. Scholar Competition: Awards in STEM

The 2018-19 Core Fulbright U.S. Scholar Program competition is now open. Opportunities are found in the newly redesigned Catalog of Awards. There are many awards in STEM, including:

- **Rwanda**: STEM, Medical Sciences and Physical Therapy, Agriculture, Veterinary Medicine
- **India**: Fulbright-Nehru Academic and Professional Excellence Awards (All Disciplines)
- **Chile**: Science and Technology
- **Ireland**: STEAM: Promoting Trans- and Interdisciplinary Research
- **Australia**: Fulbright Senior Scholar in Resources and Energy (Curtin University)
- **Czech Republic**: Fulbright-Charles University Distinguished Chair at the Faculty of Mathematics and Physics
- **Tunisia**: All Disciplines

Register your interest or refer colleagues to receive information about the Fulbright Scholar Program. IIE/CIES contacts all referrals, providing valuable information about the award offerings and application process.

**Application Guidelines**: including sample project statements

**Review Criteria**: to inform the various components of your application

**Eligibility Requirements**: to review program policies

**Outreach Events**: a schedule of conferences, workshops, and webinars

Applicants must be U.S. citizens and the current competition will close on August 1, 2017.