

CAUCUS FOR WOMEN IN STATISTICS

NEWSLETTER

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CWStat.org



LETTER FROM THE PRESIDENT—BY Ji-Hyun Lee

**EDITOR
ELENA RANTOU**

**ADVERTISING
POLICY**

The Caucus welcomes two types of advertisement for the newsletter:

1. General commercial ads, for which the charges are \$100, full page; \$55, half page; \$30, quarter page, for which Elena Rantou (advertising@cwstat.org) should be contacted.
2. Job ads, for which Sorina Eftim(jobads@cwstat.org) should be contacted. See Job Notices for deadlines and charges. These ads (and only these) will be posted on our website, <http://cwstat.org/>

INSIDE THIS ISSUE:

Letter from the President	1-2
Newsbriefs	3
FYI	4
Members' Voices	5-7
Job Notices	8-12
2017 Membership Form	14
2017 Governing Council	15

Dear CWS members,



We are already three months into my presidency of the CWS, and I feel like it flew by like an arrow! Since January of this year, Secretary Jessica, President-Elect Shili, volunteer student Jeanette, and I have had bi-weekly one-hour conference calls on Fridays. After each meeting, there are at least 10 action items that need to be followed up on; numerous emails are sent out from Friday afternoon often into Saturday/Sunday. The Mentoring Program Committee, Membership Co-Chairs, Program Committee, Nomination Committee and the Governing Council have also had frequent conference calls/hangouts/skypes as needed.

Therefore, before I remark on what a wonderful past three months it has been, I should thank them. I am truly grateful for the level of commitment demonstrated by each of them to the mission of the CWS.

My lists below illustrates the key news I would like to share with you.

For the upcoming JSM meeting (more detailed information will be sent to you via email before the meeting):

- (1) We are hosting two invited sessions- 'The Evolution and Future Direction of Statistical Computing' and Visualization and 'Survival Tips for Junior Researchers'.
- (2) The CWS will have a hospitality table

and the Program Committee is looking for volunteers.

- (3) We will have a round table lunch (replacing the round-table breakfast this year) on Monday. RSVP's are appreciated to secretary@cwstat.org.
- (4) The business and reception meeting will be on Monday evening.
- (5) We are awarding two travel awards for early career statisticians.
- (6) We are again co-hosting the First Timer's Reception.
- (7) We are co-sponsoring the Gertrude Cox Scholarship.

A few activities that related to financial matters:

- (1) We have one \$500 donation for a travel award. In addition, an anonymous donor has pledged \$500 matching fund to launch the Women in Statistics (WiSE) Award.
- (2) Google's contribution (\$3000) for the business/reception meeting has been confirmed.
- (3) CWS is registered as a charity at www.Smile.amazon.com. If you shop at <https://smile.amazon.com/>, instead of amazon.com with your Amazon account, the CWS receives a donation of 0.5% of your total purchase. The following link will take you directly to SMILE with the CWS as your charity: <https://smile.amazon.com/ch/93-0747853>

**WELCOME TO
OUR WINTER
2017 NEWSLET-**

(Continued on page 2)

CWS Mentoring Program (CMP):

We are entering into a milestone year for this program. Led by Nancy Flournoy, Monica Johnston, Stephanie Keeton, Jessica Kohlschmidt and Aleksandra Stein, this newly formed committee has been significantly progressing in launching the CMP. Please see the more detailed progress report on page 7.

Associated Activities with Other Professional Societies:

- (1) We had two special sessions at the Association for Women in Mathematics (AWM) 2017 Symposium (UCLA, CA) led by Helen Zhang.
- (2) One of the CWS founding members, Donna Brogan from Emory attended the Joint Data Committee at the 2017 Joint Mathematical Meeting (JMM; Atlanta, GA), as a stakeholder of the CWS. See the report from Donna on pages 5-6.
- (3) CWS is sponsoring a session in the upcoming International Chinese Statistical Association (ICSA) Applied Statistics Symposium in June 2017. The Session is organized by Linda Zhou and feature a number of CWS members. CWS and ICSA are exploring the possibility of greater cooperation in the future.
- (4) CWS will be well represented at the 61st meeting of the International Statistics Institute (ISI) in Morocco in July 2017. Susmita Datta will serve on the ISI Committee on Women in Statistics, and Amanda Golbeck will continue to serve as Country Representative. Amanda has requested a spot on the agenda of the ISI Committee on Women in Statistics to discuss ways to strengthen collaborations between CWS and the ISI. Also, Shili Lin and Amanda Golbeck are both hosting lunch roundtables. See more detailed information at <http://payment.isi2017.org/> and <http://cwstat.org/roundtable-61st-world-statistics-congress-isi2017/>.

Reminders and Required Actions:

- (1) The 2017 Ballot is available now. You should have received an email with directions and information about voting. If you have not voted yet, please do by May 1. If you need more information, please email secretary@cwstat.org.
- (2) If you have any ideas for the CWS, please let us know via email or www.cwstat.org.

It is my privilege to thank each of you for the past and future work you have dedicated to this amazing organization. None of this would have been possible without you. We are working hard to support CWS's mission and I think we are remarkable.

Ji-Hyun Lee



2017 President
Caucus for Women in Statistics

WE WOULD LIKE TO HEAR FROM YOU!!!
Please send us your professional news, announcements, ads, thoughts and experiences or any other contributions to: newsletter@cwstat.org
With subject: 'Caucus newsletter'

CWS is a 501(c)(3) - we welcome your tax-deductible donation!

MAILBAG/NEWSBRIEFS — BY JILL MONTAQUILA

About This Column

The Mailbag/Newsbriefs Column provides a means of sharing news items with Caucus members. Mailbag items are generally personal news items—updates on members who have recently taken new jobs, received promotions, published articles or books, etc.

Newsbriefs are brief summaries of noteworthy news items from newspapers, magazines, or websites.

As Features Editor, I collect both types of items and prepare them for the Caucus newsletter. If you have good news to share, or come across an article or website that you think would be of interest to the Caucus membership, please email these submissions to me at features@cwstat.org.

DC-Area Caucus for Women in Statistics Dinner

Carol Joyce Blumberg and Jennifer Parker have organized the next Caucus for Women in Statistics dinner for the DC Metro area. It will be held on Tuesday, May 9, at Cubano's in Silver Spring (1201 Fidler Lane). The group will meet for a social half-hour from 6:30 p.m. to 7:00 p.m. Those there by 7 p.m. will be able to order at 7:00 p.m. Others can order as they arrive. The group will be in a private room at no extra cost. The restaurant has a varied menu of Cuban and non-Cuban dishes (see <http://www.cubanosrestaurant.com/menu.php>) and, in addition, a special Tuesday/Wednesday night menu (<http://www.cubanosrestaurant.com/specials.php> and scroll down to 3 course dinner part).

Please RSVP to Carol Joyce at cblumberg@gmail.com by Sunday, May 7. Carol Joyce will also be the primary contact for questions, with Jennifer (jdarker@aol.com) as a secondary contact.

Study of Salary Inequities on University Campuses Published

The journal *Statistics and Public Policy* recently posted the article entitled "Study of Salary Differentials By Gender and Discipline" by Lynne Billard. The article (posted online April 7, 2017) discusses various analytical issues that have arisen in the modeling of salary data. The article is available via open access at <http://amstat.tandfonline.com/doi/full/10.1080/2330443X.2017.1317223> (accessed April 20, 2017).

2017 WNAR Meeting in Santa Fe, New Mexico

2017 WNAR (The Western North American Region of the International Biometric Society) Meeting will be held in at the Eldorado Hotel and Spa in Santa Fe, New Mexico, June 25-28, 2017. The CWS will have an information table. Please stop by and say 'Hi'. <http://www.wnar.org/event-2330256>

2017 Women in Statistics and Data Science Conference

Just a reminder that the 2017 Women in Statistics and Data Science Conference will be held October 19-21, 2017, in La Jolla, California. Details are available at <https://ww2.amstat.org/meetings/wds/2017/index.cfm>.

FYI - BY ELENA RANTOU



Women in Statistics Empowerment (WiSE) Award

Double your money! \$500 has been pledged by an anonymous donor to match your donations dollar for dollar to fund a travel award for an outstanding young woman researcher in statistics to attend a conference. Please don't leave the money on the table – any contribution amount is greatly appreciated. Please spread the word! Tell your friends and colleagues to support the **WiSE** cause. Donate at <https://cwstat.org/membership/donate/>.

The award will

1. recognize young statisticians who have made outstanding contributions to the mission of Caucus for Women in Statistics and to the larger statistical community through research, teaching, consulting, and service, and/or
2. help promising early career researchers enhance their visibility in the scientific community and/or significantly advance their research agenda.

CWS is registered at [Smile.Amazon.Com](https://smile.amazon.com) as a Charity!

Do you shop at Amazon.com? Now you can shop at smile.amazon.com and 0.5% of your purchase will be donated to the CWS. Shop at this link now: <https://smile.amazon.com/ch/93-0747853> and CWS will benefit!

Call for nominations for the Sixteenth Annual Janet L. Norwood Award

It is that time of year! Would you or someone you know be interested in being nominated for the Janet L. Norwood Award? If so, please email us at award@cwstat.org. For more information, see <http://www.soph.uab.edu/awards/norwoodaward/nominations>.

Volunteers at 2017 JSM

Do you want to volunteer at the CWS information table? We are now requesting volunteers please see: <http://doodle.com/poll/dget5cv93iscwca8> to sign up.

2017 ASA Fellows by Shili Lin

It is a great honor for a statistician to be elected as an ASA Fellow given its selectivity: "The designation of ASA Fellow has been a significant honor for nearly 100 years. Under ASA bylaws, the Committee on Fellows can elect up to one-third of one percent of the total association membership as fellows each year" (<http://www.amstat.org/ASA/Your-Career/Awards/ASA-Fellows.aspx>). CWS members Mariza de Andrade and Saonli Basu have just achieved this feat as newly elected 2017 ASA Fellows and will be honored at the JSM in Baltimore. Mariza and Saonli have both made significant contributions to advance the mission of CWS: Mariza was a Past President of CWS, while Saonli is currently on the ASA Gertrude M. Cox Scholarship Committee. The award ceremony will take place on Tuesday, August 1 at the Baltimore Convention Center; we hope to see a strong showing to congratulate them! In total, there have been 149 current and past CWS members elected ASA Fellow since 1956, and the induction of Mariza and Saonli will make the number over 150! If you know of any other CWS members who are also newly elected fellows, please let us know at secretary@cwstat.org; we would love to honor them as well.

DONNA BROGAN ATTENDS MEETING OF AMS-ASA-MAA-SIAM JOINT DATA COMMITTEE (JDC) IN JANUARY 2017

Invitation to CWS to participate in JDC meeting: Dr. Thomas Barr of the American Mathematical Society (AMS) invited Dr. Ji-Hyun Lee of the Caucus for Women in Statistics (CWS) to send a visitor to this **Joint Data Committee (JDC)** meeting on January 7, 2017 to contribute to agenda discussion items and to report back to the CWS relevant information about the JDC and its activities. I (Donna Brogan) agreed to represent CWS at this meeting. This article is my report.

Charge to JDC: The charge to the JDC is to advise on the collection, analysis and dissemination of survey data on matters of concern to the **mathematical sciences** community. Survey topics include: (a) production of undergraduate and graduate degrees in mathematical sciences, by mathematics subspecialty, (b) faculty size and salaries in college and university departments of mathematical sciences, (c) trends in employment and salary in the mathematical sciences, particularly in academia, and (d) enrollment in graduate programs in the mathematical sciences. Most survey results are presented by mathematical subspecialty, with statistics and biostatistics included as two subspecialties. All surveys are conducted by staff members at the Providence, RI office of AMS. Summary reports based on survey data generally are published as “Notes” from the AMS. Collected data allow tracking over time of the participation of women and race/ethnicity minorities in training and employment in the mathematical sciences. Special purpose or ad-hoc surveys are fielded as needed and fundable. The staff responds to individual requests for data beyond their regular publications whenever they can. Staff may also use survey data provided by federal agencies such as the NCES (National Center for Education Statistics). The JDC reports annually on its activities to the AMS Council and the MAA Board of Governors.

Surveys Conducted under Purview of the JDC: The Annual Survey of the Mathematical Sciences has been conducted since 1957. It actually is more than one survey, having several components, and provides the bulk of the survey data collected by AMS. The target population is mathematical sciences departments in the U.S. at four year colleges and universities. No probability sampling of departments is done; in effect, the survey is an attempted census of departments on the sampling frame. Each department is requested to provide data on many topics on several different data collection forms. Much of the data is collected by mathematical subspecialty, including statistics and biostatistics. Nonresponse adjustments and/or imputation procedures are used for departments that do not respond. Sur-

vey activities are funded by the member societies: AMS, ASA (American Statistical Association), MAA (Mathematical Association of America), SIAM (Society for Industrial and Applied Mathematics) and IMS (Institute of Mathematical Statistics). The CBMS (Conference Board of the Mathematical Sciences) survey has been conducted every five years since 1970 and is funded by the National Science Foundation (NSF). The target population is undergraduate programs (or departments) in mathematics or in statistics in U.S. colleges—both four year and two year institutions. Stratified random sampling of programs is used to select a probability sample of departments. The sampling and data analysis plans typically have been done by a contractor; Westat is the contractor for the 2010 and 2015 surveys. The most recent survey report available is for 2010, and the 2015 survey report may be available within the next year. Ad hoc or pilot surveys of the mathematical sciences are conducted as needed and as fundable.

JDC Meeting in Atlanta on January 7, 2017: The JDC met for the afternoon during the 2017 Joint Mathematics Meetings (JMM), advertised as the largest mathematical meeting in the world. Upon arrival at the Hyatt Regency Hotel, I immediately felt at home, noting and overhearing several people throughout the hotel who appeared to be quantitative nerds like myself. Ten members of the JDC represented the AMS, ASA, MAA and SIAM. Amanda Golbeck was the single ASA member and is the new committee chair as of 02/01/2017. Visitors at the meeting, in addition to me, included representatives from the National Association of Mathematicians, the Association for Women in Mathematics, and the AMS. Three AMS Providence staff members, including Dr. Barr, actively participated in the meeting. “Old business” agenda items reported on recently conducted surveys, including the annual survey, the 2015 CBMS survey, and a recent ad-hoc survey conducted by AMS of mathematical sciences departments with full-time faculty who hold positions that are not tenure eligible. Reports were given on special requests for peer department salary analyses and other topics. Colleen Rose (AMS staff) demonstrated a recently developed impressive WEB interface that allows easier public access to reports (“Notes”) from the Annual Survey of the Mathematical Sciences. Under “old business” discussion occurred on problems common to many recurring and episodic surveys today, e.g. declining survey response rates over time, construction of sampling frames, specific variables to collect that would be useful to users or consumers of the survey data, and how to inform potential respondents, users and consumers about the val-

(Continued on page 6)

DONNA BROGAN ATTENDS MEETING OF AMS-ASA-MAA-SIAM JOINT DATA COMMITTEE (JDC) IN JANUARY, 2017 (CONT.)

ue of these surveys. In general the response rates for the surveys conducted by AMS staff are high, perhaps because the typical responding unit (data provider) frequently is a department chair (or designee) who may use the results of the survey to compare her/his department with averages over all departments on the sampling frame. Interestingly, the response rates for statistics and biostatistics departments seem to be somewhat lower (not dramatically) than for math departments. An exception to the department being the survey respondent is the annual survey component on employment experiences of new doctoral recipients in the mathematical sciences (the target population). Here the survey form is designed to be completed by the doctoral graduate. Again, this survey is an attempted census rather than a probability sample from the target population, where the sampling frame is constructed by each department providing to AMS the name and contact information of their doctoral graduates. "New business" agenda items included suggested edits to or elimination of existing survey items, addition of survey items, better methods for dissemination of survey results, and reducing respondent burden by asking certain survey items every two years rather than annually. Further, the charge to the JDC was revised to bring it more into line with the committee's current practice and to incorporate a more forward looking stance. A lively discussion occurred on how to collect the variable gender on the survey forms, a crucial variable in order to describe representation of women in the mathematical sciences. Recent data collection forms for AMS surveys have used response categories for gender as "male, female, neither" or "male, female, other". Evidently some recent criticism was received about the two options "other" and/or "neither". In response to this criticism, a JDC committee member suggested a binary classification of gender as: "female" or "not female". This suggestion seemed to me to be consistent with the analytical objective of describing representation of women in the mathematical sciences. However, a committee participant objected because if he were filling out a survey form, he definitely wanted to be able to check "male" on the form rather than being forced to check "not female". This issue was not resolved at the JDC meeting, and a suggestion was made to solicit input from a broader representation of persons who might be completing the survey forms. As an aside, I (DB) attended a few weeks ago a panel discussion at Emory University on collecting data on sex and/or gender for research in medicine and public health. The main message seemed to be this: moving forward, both sex (birth certificate information) and gender (self-identification) may no longer be considered as binary variables for research and/or survey purposes.

A WEB Tour of the AMS Surveys: For those of you not already familiar with the AMS surveys regarding the mathematical sciences, the place to begin is the AMS home page: <http://www.ams.org/home/page>. Under the heading Profession, click on Data on the Profession that goes to: <http://www.ams.org/profession/data/emp-survey>

Here you will see "Annual Survey of the Mathematical Sciences", "CBMS Surveys", and "Other Sources of Data". Then, clicking on **Annual Survey** leads you to: <http://www.ams.org/profession/data/annual-survey/annual-survey>.

This recently developed WEB page provides easier navigation for the many reports from the Annual Survey of the Mathematical Sciences (AMS-ASA-IMS-MAA-SIAM). You could spend a lot of time clicking on the many options from this page. Going back to <http://www.ams.org/profession/data/emp-survey> and then clicking on **CMBS Surveys** leads you to: <http://www.ams.org/profession/data/cbms-survey/cbms-survey>.

The CMBS survey reports from 1970 through 2010 are available, with the 2015 report to appear probably within the next year. Going back to <http://www.ams.org/profession/data/emp-survey> and then clicking on "Other Sources" leads you to: <http://www.ams.org/profession/data/other-sources/other-sources> where there are links to other sources of mathematical sciences data outside of AMS.

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Atlanta, GA 30322.*

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CAREER PLANNING AND LEADERSHIP

By Monica Johnston

How many times have you heard a woman say that she fell into her career? Recently, I had the chance to meet with a male and female professional peer and talk about how we obtained our current jobs. The female peer had, by chance, “fallen” into her job. The male peer had strategically created the position that he wanted. Years earlier, he organized a team of programmers to solve a particular problem for his company, and then he proposed that he supervise that team. The management considered his offer and created a managerial position for him. His team grew, and today he is called upon to set up new teams in his company. He changed the landscape of his company by organizing a programming team and, in the process, he created a job—and a career—that he wanted.

Over the last decade, I’ve attended career panels, sessions, roundtables, etc. on women’s career issues, and I often hear panel and keynote speakers tell their stories of career happenstance. Simultaneously, there has been considerable discussion in the media and in ASA about the lack of women in leadership roles and as candidates for awards. Are these two issues connected?

I see an obvious connection between women’s process for making career decisions and the lack of women in leadership roles. Women’s advocacy groups often cite the lack of women role models as a rationale for the current lack of women leaders in business, academia, and government. Frankly, taking such a position only excuses and perpetuates the lack of women in leadership roles. Prospective women leaders can learn from male leaders in their professional field or from women leaders in other professional fields. Moreover, leading often means being the first to attempt something, and, therefore, there is no role model. Prospective women leaders must have the confidence to lead in spite of the lack of gender role models. More importantly, if women continue to fall into their jobs and careers instead of planning and directing their careers, then why would anyone think that women can lead a team, a department, a company, a city or a country?

I’m ready to hear about women who had a vision for their career and went after a job that was consistent with that vision. How about you?

Monica is a Statistical Consultant and an Instructor. She has a strong interest in public policy and spends her free time addressing policies that impact her community.

Mentoring Committee Update By Nancy Flournoy Chair of the Mentoring Committee

CWS president, Ji-Hyun, has appointed a committee to focus on mentoring. The committee is chaired by **Nancy Flournoy** with committee members **Monica Johnston, Stephine Keeton, Jessica Kohlschmidt, and Aleksandra Stein**. As a first order of business, the committee is drafting a unique mentoring program proposal.

Unlike existing ASA mentorship programs—all of which require commitments from mentee and mentors alike—the CWS program proposal is “on demand.” This provides an opportunity to address immediate or urgent career needs with a possible transition to a long-term mentoring relationship. We are excited at the prospects that an on-the-go program will provide and look forward to further developing this novel approach to supporting careers.

Our draft goal for CWS mentoring activities, which may be expanded beyond the on-demand support model in the future, reads as follows:

The overall goal of CWS Mentorship Program is to enhance professional careers, develop leadership potential and increase the active involvement of women in professional statistics communities. The specific goal of the mentoring program is to provide short-term, job/career-related mentoring to women who work in the field of statistics and to provide referrals to ASA mentoring programs that offer long-term mentoring.

We look forward to providing a more complete proposal to the CWS executive committee later this year.

If you would like more information about this program or have an interest in serving as a mentor, please contact Nancy Flournoy at flournoyn@missouri.edu. Those for whom we have a record of interest will hear from us soon, pending approval by the CWS Executive Committee.

JOB NOTICES

Assistant or Associate Adjunct In Residence University of California, Davis

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.

The Department of Public Health Sciences is a major research and teaching Department in the School of Medicine, with 31 full-time faculty members. In addition to epidemiologic research within the Department, Department faculty members have active collaboration with many faculty in other departments and centers. Areas of active research in the Department include occupational/environmental health, cancer, reproductive and women’s health, aging, nutrition, infectious and pulmonary disease and injuries/accidents.

Application Procedure and Deadline:

Applications will be accepted until the position is filled through June 30, 2017. However, for full consideration, please go to: <https://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.

UC Davis is a smoke- and tobacco-free campus effective January 1, 2014. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any property owned or leased by UC Davis-- indoors and outdoors, including parking lots and residential space.

UC Davis is an affirmative action/equal opportunity employer with a strong institutional commitment to the achievement of diversity among its faculty, staff, and students.

JOB NOTICES

INSTRUCTOR
FLORIDA INTERNATIONAL UNIVERSITY

STARTING DATE: Fall 2017

DEPARTMENT: MATHEMATICS AND STATISTICS; DIVISION OF STATISTICS

Job Information

The Division of Statistics in the Department of Mathematics and Statistics at Florida International University invites applications to fill a full-time, permanent instructor position starting in August, 2017. Candidates must have a Master's degree or higher in Statistics to apply for the position. Applicants are expected to demonstrate a commitment to and evidence of excellence in teaching, written and oral communication skills. This is full time teaching position. Duties will include teaching statistics courses (mostly at the undergraduate level) and service activities within the department and the university. Teaching assignments may include hybrid (i.e., blended) and online undergraduate instruction.

Qualified candidates are encouraged to apply to Job Opening ID **513110** at facultycareers.fiu.edu and attach a curriculum-vitae and teaching philosophy statement in a single pdf file. Candidates will be requested to provide names and contact information for at least three references who will be contacted upon submission of application. Inquiries may be addressed to Chair, Instructor Search Committee or to Professor Zahedi, Director, Division of Statistics. To receive full consideration, applications and required materials should be received by **April 12, 2017**. Review will continue until position is filled.

FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Research Scientist
University of New Mexico
Comprehensive Cancer Center

The University of New Mexico Comprehensive Cancer Center is the Official Cancer Center of New Mexico and the only National Cancer Institute-designated Cancer Center in a 400-mile radius. One of the premier cancer centers nationwide, the UNM CCC has 128 board-certified oncology physicians, forming New Mexico's largest cancer care team. It treats about 60 percent of adults and virtually all the children in New Mexico diagnosed with cancer – more than 10,000 people – from every county in the state in more than 135,000 clinic visits each year. Through its partnership with the New Mexico Cancer Care Alliance, an “exemplary national model for cancer health care delivery”, the UNM CCC offers access to more than 160 clinical trials to New Mexicans in every part of the state. Annual research funding of more than \$72 million supports the UNM CCC's 132 cancer scientists. Working with partners at Los Alamos and Sandia National Laboratories, Lovelace Respiratory Research Institute, and New Mexico State University, they have developed new diagnostics and drugs for leukemia, breast cancer, ovarian cancer, prostate cancer, liver and pancreatic cancer, brain cancer, and melanoma; garnered 33 new patents and 117 patents pending; and launched 13 new biotechnology companies since 2010. Learn more at <http://cancer.unm.edu>.

The Biostatistics Shared Resource at the UNM Comprehensive Cancer Center is seeking a qualified candidate for a Research Scientist position. Duties and responsibilities for this position will include:

- Conduct appropriate statistical analysis under the supervision of faculty biostatisticians
- Design, test, implement & document statistical computer programming in high level statistical software packages including SAS and R
- Analyze large epidemiological datasets
- Develop, document, and maintain analytic data files
- Write summary reports and create graphs for manuscripts and research proposals
- Work in collaboration with cancer center members and faculty, providing biostatistical consultation

To apply for this job please visit the following URL: <https://unm.csod.com/ats/careersite/jobdetails.aspx?site=2&c=unm&id=154>.

Questions about this position may be directed to the Search Committee Chair, Ji-Hyun Lee (jihyunlee@salud.unm.edu), Director of Biostatistics Shared Resource at the UNMCCC.

JOB NOTICES

**DEPARTMENT OF PUBLIC HEALTH SCIENCES
COLLEGE OF HEALTH AND HUMAN SERVICES
THE UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE**

The University of North Carolina at Charlotte invites applications for the position of Assistant/Associate Professor of Biostatistics or Statistics. This nine-month, tenure track position is located in the Department of Public Health Sciences. The successful candidate will also contribute to the UNC Charlotte Data Science Initiative, an industry-university-state partnership to enhance North Carolina's analytics talent and stimulate strategic innovation (<http://dsi.uncc.edu>). The expected start date is August 15, 2017.

UNC Charlotte is North Carolina's urban research university (www.uncc.edu), the fourth largest of 17 institutions in the UNC system. The 1,000-acre campus serves a diverse and growing student body of over 27,000, including more than 5,200 graduate students enrolled in 76 master's and 22 doctoral programs, with a faculty of over 1,000. Charlotte, the 17th largest city in the U.S., is a dynamic, diverse metropolitan area of 2.4 million people with a strong, diversified economic base that supports excellent cultural and recreational amenities, outstanding health facilities, and a major international airport.

The Department of Public Health Sciences (PHS) (www.publichealth.uncc.edu) is a member of the Association of Schools and Programs of Public Health (ASPPH) with 24 full-time faculty serving over 900 undergraduate and 200 graduate students. The PHS is in the College of Health and Human Services, which also includes the Department of Kinesiology, School of Nursing, and School of Social Work.

The candidate must have a PhD in biostatistics or statistics by August 2017. We welcome applicants with the required PhD who have biostatistical experience in academic, government, industry, and /or the community settings. Applicants with teaching experience (both undergraduate and graduate), a strong commitment to quality teaching and mentoring both students and if applying for more senior position, mentoring both students and faculty are preferred. Successful candidates will also have a commitment to service at all levels, the ability to contribute to our diversity initiatives, and strong communication skills.

Electronic applications are required: <http://jobs.uncc.edu> (position #004715). Your application must include: a letter of application, curriculum vitae, description of a research agenda, teaching statement and contact information for three references. The review of completed applications will begin January 3, 2017, and continue until the position is filled. We invite you to contact the Search Committee Chair, Dr. Larissa

Huber (lrhuber@uncc.edu) for questions or to arrange a confidential discussion about this position. All inquiries and applications will be confidential.

As EOE/AA and an NSF ADVANCE Institution that strives to create an academic climate in which the dignity of all individuals is respected and maintained, the University of North Carolina at Charlotte encourages applications from all underrepresented groups. Applicants are subject to a Criminal Background check. We actively seek applicants who can contribute to our University's Diversity Plan (<http://diversity.uncc.edu/diversityplan/CampusDiversityPlan.pdf>).

Apply Here: <http://www.Click2Apply.net/prg8tncw3w>

JOB NOTICES

ARIZONA STATE UNIVERSITY
An Equal Opportunity/Affirmative Action Employer
RTG Postdoctoral Research Associate in Statistics and
Applied Mathematics (JOB#11901)
School of Mathematical and Statistical Sciences

The School of Mathematical and Statistical Sciences (SoMSS) at Arizona State University (ASU) invites applications for an entry-level non-tenure-track position at the rank of Postdoctoral Research Associate starting in the fall 2017 in association with our NSF-funded Research Training Group (RTG) in Applied Mathematics and Statistics. This full-time, benefits-eligible position is renewable on an annual basis for up to three academic years, contingent upon satisfactory performance, availability of resources, and the needs of the university. Applicants must be within five years of receipt of their PhD to be considered for initial appointment or subsequent annual renewal.

The goal of this RTG is to address the challenges of rigorous analysis of data, particularly with very large data sets, by integrating three crucial areas: (i) statistics, (ii) computational mathematics, and (iii) applied harmonic analysis. Examples of research questions to be addressed by the synergy of these disciplines include (but are certainly not limited to): 1) finding and analyzing efficient and adaptive data collection strategies in sequential experimental design, 2) reconstructing a signal or image from incomplete or noisy data sources, 3) devising measurement and other data collection strategies that optimize the value of the data in subsequent statistical tests or estimators, and 4) developing new computationally efficient mathematical and statistical models and procedures for exploring and analyzing very large data sets. More details are available in the NSF award abstract. Summer research support is provided for the first two summers of the appointment along with an allowance for professional travel.

The duties of this position involve research in an area of statistics and/or applied mathematics that is consistent with the goals of the RTG along with a teaching load that is two courses per year. Applicants are required to have a Ph.D. in the mathematical or statistical sciences, or in a closely related field, by August 10, 2017; and the potential for excellent teaching and research. Consistent with NSF's eligibility guidelines for the RTG award, the successful candidate must be a citizen, national, or permanent resident of the United States by the time of appointment. The preferred qualifications include an established track record of research in applied mathematics, computational mathematics or statistics and an ability and willingness to learn from and collaborate with researchers in the other two areas.

SoMSS currently has 53 full-time tenured or tenure-track faculty members and approximately 90 supported Ph.D. stu-

dents, along with an additional 40 Ph.D. students and 40 Masters students. The School offers bachelors, masters, and Ph.D. programs in statistics, applied mathematics, mathematics, mathematics education as well as an undergraduate program in actuarial science. SoMSS has excellent computing resources that include individual faculty workstations, several high-performance servers and a small cluster, as well as access to the University's central computing facilities and the High Performance Computing Initiative.

SoMSS has a strongly interdisciplinary research profile within the mathematical sciences that includes numerous collaborations inside and outside the university, such as in the biological, environmental, medical, physical and social sciences, education, and multiple areas of engineering. There are numerous opportunities for collaboration with interdisciplinary centers and institutes, such as the Translational Genomics Research Institute (TGen), the Biodesign Institute (which includes centers specializing in the nanobiosciences, bioengineering, genomics, and vaccinology), the Institute for Social Science Research, the new College of Health Solutions, the Global Institute of Sustainability, and the nearby Mayo Clinic. The Tempe campus of Arizona State University has approximately 60,000 students. It is located in the rapidly growing metropolitan Phoenix area, which provides a wide variety of recreational and cultural opportunities. The surrounding countryside is very attractive to outdoor enthusiasts who enjoy hiking, biking, skiing, and other activities in the exquisite Arizona canyon lands and mountainous terrain.

To apply, please submit the following through <https://www.mathjobs.org/jobs/jobs/10052>:

- 1) A cover letter that briefly explains the candidate's interest in, and fit with, the position;
- 2) a curriculum vitae;
- 3) a personal statement addressing the candidate's research program;
- 4) a statement of teaching experience and philosophy;
- 5) at least four letters of recommendation that must be submitted through mathjobs; one of these letters should address the candidate's teaching qualifications

Review of applications will begin on March 10, 2017, and continue until the search is closed. A background check is required for employment.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law.

<https://www.asu.edu/aad/manuals/acd/acd401.html> <https://www.asu.edu/titleIX/>.

JOB NOTICES

**VISITING ASSISTANT PROFESSOR
Indiana University**

The Department of Statistics at Indiana University, Bloomington, anticipates two Visiting Assistant Professor positions for the 2017-2018 academic year (8/1/2017-5/31/2018). VAP positions are for one year, with possible renewal for a second year. VAPs teach both undergraduate and graduate courses, with a teaching load of 2 courses per semester. The successful candidate will have a Ph.D. in statistics or a related field and previous teaching experience.

IU's Department of Statistics currently offers both graduate and undergraduate degree programs and maintains the Indiana Statistical Consulting Center. More information about the department can be found at its website: <http://www.stat.indiana.edu>.

The search will continue until the position is filled. Receipt of application by April 03, 2017, will ensure consideration for the 2017-2018 academic year.

Please apply electronically at PeopleAdmin <http://indiana.peopleadmin.com/postings/3434>.

Please address questions and postal correspondence to: Kelly Hanna, Department of Statistics, 643 Ballantine Hall, Indiana University, Bloomington, IN 47405, USA, 812-855-7828, khanna@indiana.edu.

Indiana University offers competitive salaries and excellent benefits.

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment without regard to age, ethnicity, color, race, religion, sex, sexual orientation or identity, national origin, disability status or protected veteran status. IU is responsive to the needs of dual-career couples.

About Indiana University

Indiana University is one of the oldest and finest public universities in the nation. It is among the largest institutions of higher education in the U.S. and was one of the country's first major universities to admit women on an equal basis. The campus is abundant with cultural experiences associated with a large metropolitan area. In addition, our 1,860-acre campus with its many Indiana limestone buildings is cited in Thomas Gaines' book *The Campus as a Work of Art* as one of the five most beautiful campuses in the nation.

Job notices must be submitted to advertising@cwstat.org by September 15, 2017 for inclusion in the Fall 2017 Newsletter. The fee for publishing a job notice of ≤12 lines is \$50, a ½ page is \$100. Longer ads are \$125 per page. Jobs will be posted on the website periodically as received and published in the next edition. Credit card payments can be made on the Caucus website, or a check payable to The Caucus for Women in Statistics will be accepted. Phone or email inquiries are welcomed. All positions advertised in this newsletter are EO/AA.

**CAUCUS FOR WOMEN IN STATISTICS
2017 MEMBERSHIP/RENEWAL/CONTRIBUTIONS FORM**

To Join the Caucus

Go to our website: <http://cwstat.org/membership/available-memberships/>
or

Complete this form and mail it, along with a check made out to the Caucus for Women in Statistics,
to: Anna Nevius, Treasurer, 7732 Rydal Terrace, Rockville, MD 20855-2057

MEMBERSHIP

Membership in the Caucus is open to interested women and men without regard to membership in any other professional society. The Caucus has three types of membership: regular, sustaining, and associate (available for retirees, students and unemployed). All categories of membership are available for individuals and couples. Membership benefits apply to all dues categories, but we encourage joining ASA sustaining member, to enhance support of the aims and programs of the Caucus.

To Join the Caucus

Go to our website: cwstat.org or
Complete this two-sided panel and mail it, along with a check made out to the *Caucus for Women in Statistics*, to:

Anna Nevius, Treasurer
7732 Rydal Terrace, Rockville, MD 20855-2057

Membership Fees

New Member—Student free	\$ _____	0
New Member: \$10.00	\$ _____	
Associate (Student, retired, unemployed) : \$10.00	\$ _____	
Regular Individual: \$30.00	\$ _____	
Regular Couple: \$35.00	\$ _____	
Individual, 5 years: \$145	\$ _____	
Couple, 5 year: \$170	\$ _____	

Contributions

Caucus General Fund	\$ _____
Cox Scholarship Fund	\$ _____
FN David Award Fund	\$ _____
Caucus Travel Fund	\$ _____

TOTAL

Fees and Contributions \$ _____

*Dues must be paid in US or Canadian dollars.

NAME: _____

ADDRESS: _____

PHONE: _____

EMAIL: _____

Do you wish to receive Caucus emails? Yes No

Highest Degree: _____ Year Received: _____

Institution: _____

EMPLOYMENT SETTING (check all that apply):

- Government Industry Academia
- Self-employed
- Other: _____

Highest Degree: _____

Year Received: _____

Institution: _____

I would like to volunteer to: (Please check)

- Serve as Officer
- Serve on Awards/Fellows Nomination Committee
- Be a Mentor
- Assist with Fundraising
- Modernize the Caucus through Web & SNS
- Newsletter*
 - Submit Regular Column
 - Write Article
- At JSM/Other Conferences*
 - Organize a Session
 - Lead Round Table Discussion
 - Sit at Hospitality Table

Other: _____

CURRENT MEMBERSHIPS in affiliated societies and their committees (Please check all that apply)

- American Statistical Association
- International Statistical Institute
- Biometric Society—WNAR
- Biometric Society—ENAR
- Biometric Society—Other Region or At Large
- Institute of Mathematical Statistics
- Population Association of America
- Statistical Society of Canada
- ASA Committee on Women
- Association for Women in Mathematics
- Women in Probability
- The ISI Women’s Group
- Other: _____

AREA OF STATISTICS: (Please check all that apply)

- Biostatistics
- Computing and Graphics
- Econometrics
- Education
- Environment
- Genetics
- Methods Development/Theory
- Psychometrics
- Other: _____

2017 Governing Council

In all instances, domain name following
the @ below is cwstat.org

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