



January 1, 2015

Korean International Statistical Society

Volume 5 Issue 1

- We elected President-elect and three Board of Directors.
- KISS co-hosted ICSA-KISS Joint Applied Statistics Symposium in Portland.
- Engagement in BIG data problem

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President's Corner



Dear KISSers,

Happy Year of the RAM!

Year 2014 was a milestone for KISS. Most importantly, we elected President-elect and several Board of Direc-

This is really exciting time to be a statistician as Statistics plays a significant role in many fields. Certainly, BIG data will continue to be a hot topic. I used to think that it has been with us all the time, although we have not given such a special attention to it until recently. In 1960s-70s, storing all 4 digits of year in computer hardware might have been a big data problem. A common workaround was just storing last two dig-

tors. I would like to thank newly elected officers of KISS for their willingness to serve for KISS. I also would like to thank the nomination and election committee for attracting so good candidates and carrying out the election so smoothly. Oh, I cannot forget to thank the members who voted, too!

Another important event was the ICSA-KISS Joint Applied Statistics Symposium held in Portland (6/15-18). The symposium attracted over 400 participants from US, Asia and Europe. There were 3 keynote speakers, 76 scientific sessions, and 7 short courses. It was really good experience for KISS to organize such a major event in collaboration with the ICSA.

its, which caused the infamous millennium bug at the turn of the century. Some of current BIG data problems may be solved as technology advances. However, I believe there are many more fundamental problems to be challenged. While there is no doubt that Statistics will be an essential part of it, statisticians may need to be proactively participating in such efforts. I would love to hear

And, many new international members joined KISS while registering for the symposium. I hope that we can organize our own conference sometime near future.

As you may remember, KISS became one of 9 hosting societies of JSM since 2013. It was great to see many members at JSM. The annual meeting was held on Monday followed by dinner at a Korean restaurant. If my memory is correct, it was Vancouver JSM that KISS had dinner in a Korean restaurant last time. The KISS annual meeting and dinner have always been on Monday. Please do plan on attending our annual meeting and dinner at JSM this summer in Seattle.

back from KISS members' experience and stories throughout 2015.

Finally, I cannot thank enough all members for their love and strong supports for KISS in 2014. I hope that this continues in 2015 and beyond. Please send your ideas and suggestion how KISS can serve its members better.

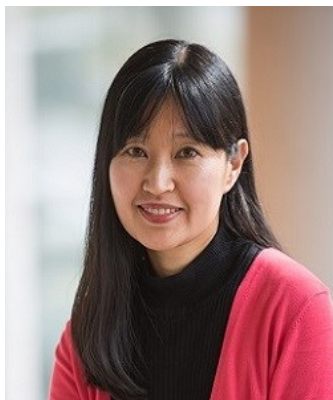
Until next time and cheers!

Dongseok Choi

Mimi Kim, Sc.D. is Professor and Head of the Division of Biostatistics at the Albert Einstein College of Medicine, Director of the Biostatistics, Epidemiology, and Design Resource of the Institute for Clinical and Translational Research, and Director of the Center for Quantitative Sciences. Prior to joining Einstein in 2003, Dr. Kim was on the faculty of the New York University School of Medicine. Her research focuses on statistical methods for designing and analyzing clinical trials and epidemiologic studies. She also collaborates on studies in cancer, rheumatology, and HIV/AIDS. She is a Fellow of the American Statistical Association, on the American Statistical Association Council of Chapters Governing Board, on the Medical and Scientific Advisory Council of the Lupus Foundation of America and the NIH Arthritis, Musculoskeletal and Skin Diseases Clinical Trials Review Committee. Dr. Kim received her B.S. in bioengineering from UC Berkeley and a doctorate in biostatistics from the Harvard School of Public Health.

2014 KISS Election

President-elect: Dr. Mimi Kim



I am very honored to be chosen as the President-elect of the Korean International Statistical Society. I first want

are very important because they provide one more way in which we can meet and make friends with people in our field, help one another advance professionally, and use our collective knowledge and expertise to make meaningful contributions to our institutions, communities, and the broader world.

Board of Directors



Dr. MoonJung Cho:

to express my tremendous gratitude to Dr. Dongseok Choi for having the vision and energy to create and lead this organization. After being involved on the Board of Directors for a few years, I've come to realize and appreciate the important role that KISS plays in helping to build and strengthen extremely valuable personal and professional relationships among statisticians who are from widely different backgrounds and environments, but who

As President-elect, I look forward to meeting and getting to know many of you and learning how KISS can better address the needs and interests of its members. One of my priorities will be to sponsor programs and activities focused on the career development of junior statisticians both in the US and in

share a common interest in or ties to the Korean culture. If there's anything that I learned in my 25 year career in statistics, it is that success is difficult to achieve without the help and support of others. Every important professional opportunity that I was fortunate enough to be given came from someone I knew -- a friend from graduate school, a fellow member of a scientific committee, or a collaborator on a prior project. Organizations like KISS

Korea. I hope that with your involvement and the leadership and administrative experience that I have acquired over the years, we can all work together to ensure the continued development and success of KISS and to help it to evolve into a more wide-reaching and influential organization.

Dr. MoonJung Cho received her Ph.D. in statistics from the University of Kentucky and has worked as a research mathematical statistician for the U.S. Bureau of Statistics since her graduation in 2000. She also holds a master's degree in social work from Rutgers University. Her current research interests include variance estimation methods, specifically generalized variance function models, smoothed variance esti-

mators, and applications of re-sampling variance methods to complex survey sampling. In 2014, she co-chaired the Mathematics-Statistics Symposium of US-Korea Conference sponsored by the Korean-American Scientists and Engineers Association. She is a member of the steering committee on the Conference on Statistical Practice sponsored by ASA.



Dr. Jong-Hyeon Jeong:
Dr. Jong-Hyeon Jeong is a full professor of Biostatistics at

the University of Pittsburgh. Dr. Jeong's main research area has been survival analysis and clinical trials. In survival analysis, he has worked on frailty modeling, efficiency of survival probability estimates from the proportional hazards model, weighted log-rank test, competing risks, quantile residual life, and likelihood theory such as empirical likelihood and hierarchical likelihood. In clinical trials, he has been involved in several phase III clinical trials

on breast cancer treatment as the primary statistician. He has been teaching statistical theory courses and survival analysis in the Department of Biostatistics at the University of Pittsburgh. Dr. Jeong holds his PhD degree in statistics from the University of Rochester and has been an elected member of the International Statistical Institute (ISI) since 2007. Dr. Jeong recently published his first book entitled "Statistical Inference on Residual Life" with Springer.



Dr. Hyunsik James Lee:

Dr. Lee earned his Ph.D. in statistics in 1982 from the University of Windsor, Canada. After his graduation, he started his professional career at Statistics Canada, a world-renowned statistical agency, where he played a lead role as senior methodologist in providing survey methodology services on several major national surveys, until 1997. Then he joined and presently works at Westat as senior statistician;

Westat is a well-known survey research company in U.S. with about 2,000 full time employees. He has expertise in sample design of all kinds of surveys. He has particular expertise in estimation problems associated with complex survey data, missing data treatment, imputation and variance estimation of imputed data, measurement error, and outlier problems in sample surveys. He has published extensively in a number of

areas, particularly in the areas of imputation, variance estimation of imputed data, bias correction, data analysis, and outlier detection and treatment. Dr. Lee has taught statistics and mathematics courses at the college level for a number of years and instructed short courses at Statistics Canada, Statistics Sweden, Statistics Korea, and National Bank of Korea. He also served as program coor-

dinator for the Survey Methods Section, Statistical Society of Canada, and as president of the Ottawa Chapter of Korean-Canadian Scientists and Engineers.

2014 KISS Election

Nomination and Election Committee:

Chair:

Mi-Ok Kim (Cincinnati Children's Hospital Medical Center)

Members:

Jong-Min Kim (U of Minnesota at Morris)

Dongsig Jang (Mathematica Policy Research)

Kyunghee Song (FDA)



Korean International Statistical Society



2014 KISS Annual Meeting at JSM

The 2014 KISS annual meeting was held at the Joint Statistical Meetings on the August 4th in Boston. About 50 participants attended the meeting.

1. Special opening remarks: Professor Wayne Fuller (Iowa State University)
2. Introduction of all the participants.
3. The Executive Director Mi-Ok Kim reported the last year's KISS activities on behalf of all officers

(see below for more details)

4. President's Invited Talk: New ASA Fellow Dr. Mi-mi Kim (Albert Einstein College of Medicine)
5. Business items and announcements:
 - Membership update
 - JSM 2014: KISS sponsored 2 invited and 4 topic-contributed sessions.

- KISS JSM 2015 program chair: Dr. Mikyoung Jun (Texas A&M University), JSM invited session proposals for KISS sponsorship (8/31/2014)
- KISS spring/fall meetings, invited sessions
- 6. *Communications for Statistical Applications and Methods*: Fast review, Bi-monthly publication (at the end of 1, 3, 5, 7, 9, 11), No fees (nominal fees for conversion to LaTeX),

KISS Officers' Reports

- Executive Director: Oregon title registration renewal (\$50), Oregon CT-12 report (\$10), IRS tax report.
- Communication Director: Mailing lists and the KISS website (<http://statkiss.org/>) have been updated. Supported the website of Joint Applied

Statistics Symposium. Plan to recruit new members on new authoring tool for homepage. A newsletter was published in January, 2014.

- Treasurer: Report membership paid and KISS Financial report as of 6/5/2014

2013 Carry Forward: \$7,821.55
 2014 Income: \$1,265.00
 2014 Expense: \$ 93.49
 2014 Balance: \$8,993.06

- Program Chair: KISS is the main sponsor of the following 2 invited and 3 topic-contributed sessions:

8/4/2014 (8:30 AM) 104 - Functional Data Analysis: Beyond the Standard Paradigm

8/4/2014 (10:30 AM) 161 - Statistical Methods Analyzing Accelerometry Data

8/5/2014 (8:30 AM) 279 - Regularization Methods and Their Application to Various Statistical Problems

8/5/2014 (2:00 PM) 391 - Modeling and Analysis of Complex Biomedical Data

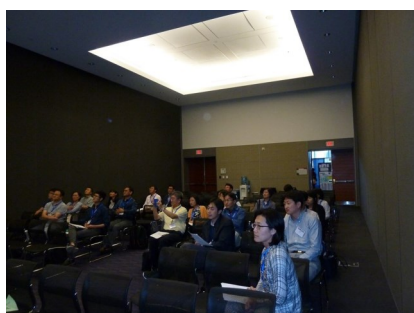
8/6/2014 (8:30 AM) 435 - New Frontiers of Longitudinal Data Analysis

8/7/2014 (8:30 AM) 595 - Study Milestone Timeline Projection in Multi-Center Trials: Bayesian and Frequentist Approaches with



Awardee at JSM 2014

ASA Fellow, 2014:
 Dr. Mimi Kim (Albert Einstein
 College of Medicine)



Upcoming Meetings

- ENAR 2015, March 15-18, 2015, Miami, FL, USA, <http://www.enar.org/meetings/spring2015/index.cfm>
- KSS 2015 Spring (5/29-30, Chungbuk University)/Fall Meetings (11/6-7, Hankook University of Foreign Studies), Korea, <http://www.kss.or.kr/> (Note: there will be a KSS invitation session.)
- WNAR 2015, June 14-17, 2015, Boise, ID, USA, <http://www.wnar.org/>
- 2015 5th IMS FIPS Workshop, June 25-27, 2015, Rutgers University, NJ, USA <http://www.fsrn.rutgers.edu/fips2015>
- Joint Statistical Meetings 2015, August 8-13, 2015, Seattle, WA, USA, <http://www.amstat.org/meetings/jsm/2015/>





Report from 2014 ICSA/KISS Joint Applied Statistics Symposium, Rochelle Fu

The 2014 International Chinese Statistical Association (ICSA)/Korean International Statistical Society (KISS) joint applied statistics symposium was successfully held from June 15 (Sunday) to June 18 (Wednesday) at the beautiful Rose city of Portland, Oregon. This was the 23rd annual symposium of ICSA and 1st of KISS. The symposium attracted over 400 participants from US, Asian and Europe and offered 3 keynote speeches, 76 parallel scientific sessions and 7 short courses.

The Sunday opening mixer provided an opportunity for the symposium participants to network in a relaxed environment with delicious food and drinks. The scientific programs of the symposium started with the welcome address from the current ICSA President Dr. Ying Lu and a congratulatory address by Dr. George C. Tiao, the ICSA founding President. Dr. Robert Gentleman,

Senior Director, Bioinformatics from Genetech gave the keynote speech on “Analyzing Genome Scale Data”, which covered problems like variant calling and genotyping. The other keynote speech was given by Dr. Sharon-Lise Normand, Professor of Health Policy and Biostatistics from Harvard University on Tuesday, June 17th, on “Combining Information for Leadership Development for Statisticians”. Famous statistical leaders from Academic, government and industry, Drs. Xiao-Li Meng (Harvard University), Dipak K. Dey (University of Connecticut), Soonmin Park (Eli Lilly and Company), James Hung (FDA) and Walter Offen (AbbVie Inc.) shared their experiences and insights on leadership and discussed important leadership skills and qualities.

The symposium started with 3 full day and 4 half day short courses on Sunday, June 15, covering many new developments on exciting topics. The three full day short courses are: (1) Recent Advances in Bayesian Adaptive Clinical Trial Design by Drs. Peter F. Thall & Brian P. Hobbs; (2) Analysis of Life History Data with Multistate Models by Drs. Richard Cook & Jerry Lawless; (3) Propensity Score Methods in Medical Research for the Applied Statistician by Dr. Ralph D’Agostino Jr. The four half day short courses

include: (1) Data Monitoring Committees In Clinical Trials by Dr. Jay Herson; (2) ChIP-seq for transcription and epigenetic gene regulation by Dr. Shirley Liu; (3) Analysis of Genetic Association Studies Using Sequencing Data and Related Topics by Drs. Xihong Lin & Seunggeun Lee; and (4) Analysis of biomarkers for prognosis and response prediction by Dr. Patrick J. Heagerty. The short courses were very well attended this year by more than 100 participants.

Assessing Safety, Effectiveness, and Quality: Technology Diffusion and Health Policy”. The talk covered analytical issues related to the analysis of observational data and causal impacts when characterizing the diffusion of multiple new technologies. In addition to scientific sessions, this symposium also featured an invited discussion panel on “Leading Across Boundaries Leadership Development for Statisticians”. Famous statistical leaders from Academic, government and industry, Drs. Xiao-Li Meng (Harvard University), Dipak K. Dey (University of Connecticut), Soonmin Park (Eli Lilly and Company), James Hung (FDA) and Walter Offen (AbbVie Inc.) shared their experiences and insights on leadership and discussed important leadership skills and qualities.

About 200 people attended the conference banquet held on Tuesday June 17 at the Jin Wah Vietnamese & Chinese Seafood Restaurant. The banquet featured fantastic Chinese food, elegant Oregon wine and an interesting talk of the new “World of Statistics” after a successful International Year of Statistics 2013, calling for reflection on our own profession. Student awards were also given out

during the banquet as well as raffle ticket drawing for the lucky winners of statistical books donated by Springer and CRC. The symposium this year offered eight student paper awards and travel grants including five ICSA Student Paper Awards, one Jiann-Ping Hsu Pharmaceutical and Regulatory Sciences Student Paper Award, and two ASA Biopharmaceutical Section Student Paper

Awards. The 8 winners were carefully chosen by the Student Award Committee from a total of 25 manuscripts submitted. The titles and abstracts of their works are summarized in a separate report in this issue. Overall, the symposium was a great success. We hope that the symposium has been a memorable and worthwhile learning experience for every participant. We want to express our sincere thanks to all participants to attend our meeting, to corporate spon-

sors and exhibitors for their generous support, to short course instructors for their wonderful courses, to members of the executive committee, program committee, short course committee, student award committee, program book committee and local organizing committee for their dedicated work, and to our students for their help! This symposium won't happen without many people's voluntary contributions. Everyone deserves a rose!



Asaph Young Chun, PhD. is Vice Chair of Statistics Without Borders. Young is a branch chief and supervisory mathematical statistician at the U.S. Census Bureau and serves as Associate Editor of Journal of Official Statistics published by Statistics Sweden. A journalist-turned-sociologist/survey methodologist, Young has over 25 years of interdisciplinary research, teaching and consulting devoted to survey nonresponse, measurement errors, and innovative use of paradata and administrative records in adaptive design. Prior to the Census Bureau, he worked for the Bureau of Labor Statistics and National Center for Education Statistics. He led interdisciplinary survey research projects at academic institutions, including NORC at the University of Chicago (senior survey methodologist), American Institutes for Research (senior research scientist), and University of Michigan Institute for Social Research (data archive specialist). As a SWB member, he provided methodological support to the Haiti project of an assessment survey of the 2010 earthquake and African survey projects. He served as Program Chair 2012-2014. Young earned his A.B. in Communications and M.A. in Communication Studies both with interdisciplinary survey research focus at the University of Michigan and his Ph.D. in Sociology at the University of Maryland.

Statistical Tools to Meet Real Needs of the Disadvantaged People Across the Globe?

Statistics Without Borders (SWB) is an official Outreach Group of the American Statistical Association (ASA) that provides *pro bono* statistical consulting to organizations

across the world that serve disadvantaged people. Comprised of volunteers from all corners of the world, SWB provides free statistical consulting - including survey sta-

tistics training and capacity building - to nonprofit organizations and governmental agencies, particularly those organizations working for developing countries which do not have the resources for such services.



SWB leadership team (2014-2016) from left to right are: New Projects Committee Chair Gary Shapiro, Vice Chair Asaph Young Chun, Chair Cathy Furlong, Program Chair Sowmya Rao, Communications Director Nilupa Gunaratna and Past Chair Justin Fisher.

bono statistics and statistical consulting, SWB began as an effort within ASA's Special Interest Group (SIG) on Volunteerism."

Shapiro, who served as an assistant division chief in the US Census Bureau and a senior statistician at Westat, recalls, "In its short history I documented with Nilupa

Rogers-Spivey Faculty Fellow of University of Alabama, and Dr. Steve Pierson, ASA Director of Science Policy. (See an invited poster by [Nilupa Gunaratna and Gary Shapiro \(2014\)](#) for further details of the SWB history they presented in the Joint Statistical Meetings. The paper has been published in the 2014 JSM Proceedings.)

How SWB carries out its mis-

Gunaratna, SWB has addressed key issues for a pro bono statistical consulting organization including choice of appropriate clients and the role of capacity building in its activities. Its evolving organizational structure aims at finding and accommodating an increasing number of projects, providing consistency

tion of pro bono statistical service

Cathy Furlong, the current SWB Chair, describes that SWB has 30 to 40 projects per year, each typically engaging three to four volunteers and one of them serving as a project coordinator. Nilupa Gunaratna, SWB Communications Director currently working as a Research Associate at the Harvard School of Public Health, explains,

How Statistics Without Borders started

The SWB membership has grown fast since its inception in 2008 to over 1,500 members today. Gary Shapiro, one of the SWB founders, looks back, "In 2008, during a time of growing interest in pro

and quality control for its services, engaging a growing membership that is diverse in skills, background, and geographic location, and ultimately sustaining and ensuring SWB's continuity." Other founders of SWB included: VP Fritz Scheuren of NORC at the University of Chicago, Professor Jim Cochran, the

"Project teams purposely include members of varying levels of expertise to allow peer learning in statistical consulting and leadership among the volunteers." "This builds a pipeline for leadership positions in the organization," points out Gary Shapiro currently serving as the New Projects Committee Chair. Empowered by scores of core volunteer survey statisticians

Asaph Young Chun, Vice Chair of ASA Statistics Without Borders

and survey methodologists, SWB teams have conducted a variety of projects from assessing the needs of survivors of the [2010 earthquake in Haiti](#) to studying [healthcare-seeking behaviors in rural Sierra Leone](#) to fostering a [recent partnership in 2014 with Statisticians for Society](#), a new initiative by the Royal Statistical Society of the UK. ASA executive director, Ron Wasserstein noted he was "pleased" with the new partnership across the Atlantic to expand SWB's work. "SWB epitomizes ASA emphasis of

periodic times during an emergency crisis can be used to help the relief intervention. A SWB Project Coordinator Michiko Wolcott will be discussing its key findings in a 2015 invited session of Joint Statistical Meetings in Seattle, Washington.

Survey Science Diplomacy in East Asia

The Pyongyang Summer Institute in Survey Science and

you fund a country of hospitals efficiently if you don't have data on morbidity and mortality? And while gathering the data seems like the first step, the step before that is for a country to have statisticians trained in sampling, survey methodology, and data analysis in order to gather this data," Fisher added. [Dr. Norman Neureiter](#), a pioneer of science diplomacy and the first senior adviser of

statistics' service to society," he added. RSS executive director Hetan Shah responded his pleasure to be working with Statistics Without Borders as reported in [the RSS website](#).

How about a few recent examples of SWB projects to illustrate what SWB members have done and how the reader may contribute to pro bono statistics service across small corners of the world? They include both long-term projects and short-term studies requiring *agile* implementation of statistical methodol-

ogy. Quantitative Methodology (PSI) was launched in summer of 2012 as an interdisciplinary, intensive teaching program of scientific survey methods offered for university students and professionals in North Korea and neighboring nations in East Asia. Held initially at the Pyongyang University of Science and Technology, the country's only private and international university, the

science and technology to the Secretary of State, pointed out in [a 2013 JSM invited panel](#) how science has become an effective tool of science diplomacy with rogue states, and reiterated that PSI survey methodologists planted the seeds of statistical science diplomacy with North Korean people by teaching survey methodology and statistics to university students and professionals.

ogy.

Digital Humanitarian Network

SWB is a member organization of the Digital Humanitarian Network (DHN) whose aim is to form a consortium of Volunteer and Technical Communities (VTC) for response to emergency situations and to provide an interface between formal and professional humanitarian organizations and informal yet skilled-and-agile volunteer and technical networks. Activities include: real-time

summer institute brought together 13 scholars, most of whom are members of SWB, to do pro bono teaching of survey methodology and interdisciplinary research to more than 250 North Korean undergraduate and graduate students. Arriving from Switzerland, Germany, Australia, Qatar, Britain and the United States, PSI faculty planted the seeds of science diplomacy with future leaders of survey

Modeled after the 65-year-old Michigan Summer Institute, [the four-week PSI courses](#) cover applied sampling, survey research methodology and statistics. Graduate students receive training in interdisciplinary research methods, data collection methods, and survey data analysis with open-source R software. Course material includes leading survey methodology books by Bob

monitoring of social media, geo-location of event-data, creation of live crisis visualized maps, data cleaning, GIS and big data analysis, satellite imagery tagging and tracing, and time-sensitive web-based research.

The DHN responded to the 2013 typhoon and flooding in the Philippines during which millions of *tweets* from people on the ground were received. A team including SWB members used this big data to demonstrate how the collection and analysis of social media at the onset and at

methodology in East Asia. "Capacity building in the area of statistics is helpful to governments everywhere because quality data collection leads to informed policy decisions in all areas of development such as agriculture, education, etc.," Justin Fisher, a PSI instructor and the chair of SWB for 2012-2014 noted in his interview for [the Wall Street Journal article on PSI](#). "For example, how can

Groves, Don Dillman and Roger Tourangeau. In addition to the summer course, the PSI's "da Vinci Grant Program" supports highly promising students committed to survey methodology with interdisciplinary research. Grant winners are paired with PSI's international faculty who mentor them over the following year. [The International Strategy and Reconciliation Foundation](#), a 501(c)(3) non-

profit organization recognized by the US Department of Treasury and South Korean Ministry of Unification, organized PSI in partnership with SWB and a number of leading professional associations, such as American Association for Public Opinion Research, American Evaluation Association, American Association for the Advancement of Science, World Association for Public Opinion Research and European Survey Research Association. Pilot PSI programs are further planned

members provide statistical services to measure public health care matters (e.g., sanitation and accessibility), address obstetric/gynecological issues and design a high quality questionnaire for data collection.

Invitation to do pro bono statistical service

As our organization grows in membership and breadth of projects, we have launched a [SWB blog](#) to update and

in Vietnam and Cuba between 2016 - 2020. The pro bono faculty of 2015 and application is available at the [PSI website](#).

Healthy Mothers and Babies Program in Myanmar

For the past four years, Global Community Service Foundation (GCSF) has provided pre- and post natal care for mothers and infants in the Inle lake area of Myanmar (formerly called Burma). Recently, the My-

highlight the major activities of SWB and its members. Communications Director Nilupa Gunaratna manages the blog and is making it as a source of information for SWB members, those interested in joining SWB, and potential clients. The SWB hopes that all members of Korean International Statistical Society will consider your pro bono service via SWB or any non-profit institutions in 2015. For those wishing to

anmar government has opened up and GCSF wishes to evaluate their current program and expand it. The GCSF has reached out and partnered with SWB in 2013 to conduct a survey comparing those villages served by GCSF and those that are not. A SWB Project team led by Monica Dashen, a survey methodologist who worked for the Bureau of Labor Statistics, has taken initial steps to design a survey, sampling strategy, the field work and data analysis. The SWB team

find out more about the opportunities, you may find them in the SWB website. You should also feel free to contact any SWB leadership team member. I am delighted to extend to KISS members opportunities to serve the disadvantaged people across the global village by teaming with like-minded statisticians and survey methodologists who believe in the power of pro bono consulting service for others in need. Four ears are wiser than two eyes, aren't they?



Ed Gracely and Asaph Young Chun of SWB welcome visitors at the SWB Information Desk at the Joint Statistical Meetings.

The First Pacific Rim Statistics Conference for Production Engineering, Dongseok Choi

The First Pacific Rim Statistics Conference for Production Engineering was held on Dec. 12-13, 2014 at Shanghai Center for Mathematical Science. This conference was first proposed by Prof. George Tiao in the Joint Applied Statistics Symposium in June, 2014 (Portland) and it was co-sponsored by ICSA and KISS. Engineers and statisticians from China, Korea, Japan, Taiwan and USA gathered and exchanged the current

status and future challenges of the production engineering field, and the latest cutting-edge research results. As the world factory region, it is crucial that our society and profession get involved and collaborate with production engineers to advance the field and solve the real world problems. It was an exciting and significant step forward toward that. The second conference will be likely held in December, 2016 and you

are welcome to join the next one.



StatGround, Jae-Kwang Kim

I would like to introduce a useful website. It is “통계마당(StatGround)”, an online community in Facebook. It also has a separate website (www.statground.org) outside Facebook.

StatGround has 2,741 members as of December 16, 2014 and has many postings on Q&A, Interview, Book Review, Professional Meetings, and so on.

It covers wide range of top-

ics, from statistics to big data and other applications dealing with statistics. I hope that many member of KISS can also join and contribute to StatGround community.

It's fun to watch that so many people are quite interested in learning about statistics. To join, simply type “통계마당” in Facebook and request for membership. Otherwise, you can also use the separate website too.

Member's News: Kelly Zou, written by Demissie Alemayehu

Kelly Zou (Pfizer) has been promoted to the position of Senior Director in recognition of her outstanding contribution to the Urology and Respiratory franchises, her exemplary leadership and visibility in internal initiatives and external professional activities, and her significant methodological accomplishments in diverse areas of statistics. Kelly joined Pfizer as Director in the NY statistics organization supporting out-

comes research and is currently assigned to the Respiratory and Urology TAs as a member of the Statistical Center for Outcomes, Real World and Aggregate Data (SCORAD). Prior to joining Pfizer, she was Associate Director at Barclays Capital and held various positions at Harvard Medical School, including the positions of Director of Biostatistics and Associate Professor of Radiology. Kelly received both her MA and

PhD degrees in Statistics from the University of Rochester, following a BA in Mathematics (summa cum laude) with a Minor in Physics. She completed postdoctoral fellowships at Harvard Medical School. She has published over 120 peer-reviewed articles, listed via PubMed, and has co-authored two monographs. She is an Accredited Professional Statistician and elected Fellow of the American Statistical Association.

Kelly is active in external professional societies and editorial boards, and her current roles include Chair of the ASA Committee of Presidents of Statistical Societies (COPSS) Awards, Associate Editor for Statistics in Medicine and Deputy Editor for Academic Radiology. Please join me in congratulating Kelly Zou on her well-deserved promotion and in wishing her continued success at Pfizer.

Member's Profile: Neung Soo Ha, Statistical and Applied Mathematical Sciences



Neung Soo Ha grew up in South Korea and then came to the United States when he was fourteen. He moved to Andover, Massachusetts and

ty members' participation in applied research driven by challenges facing government and industry. NISS collaborates with many federal statistics agencies, working on complex statistical problems, in addition to fostering cross-sector and cross-disciplinary research. After receiving his Ph.D., Neung Soo received an email about a postdoctoral fellowship at the Statistical and

Neung Soo is spending his second year mainly working for NISS, but still also working on the research he started last year at SAMSI. Currently, his project at NISS involves an analysis of the National Survey of Recent College Graduates (NSRCG) as part of a project funded by the National Center for Science and Engineering Statistics at NSF.

was living with relatives. He attended Columbia University and received his undergraduate degree in applied mathematics. Then, he went to the University of Illinois for his master's degree. He thought about getting a Ph.D. but went back to South Korea to fulfill his military service. He spent two years in the military and another year in South Korea before returning to the United States. He applied and was accepted to the University of Maryland where he received his Ph.D.

Applied Mathematical Sciences Institute (SAMSI) in Research Triangle Park, North Carolina (one of the National Science Foundation (NSF) funded mathematical and statistical institutions). The postdoctoral fellow would participate in the Computational Methods in Social Science program. He decided to apply. His first year was spent as

in statistics.

He decided to pursue a career in statistics because he felt it was very useful and more widely applicable than mathematics. While at the University of Maryland, Neung Soo spent an internship at the National Center for Health Statistics (NCHS) and Meena Khare, who was a chief at his department, told him about the National Institute of Statistical Sciences (NISS). NISS is an independent research institute that catalyzes communi-

SAMSI, which is housed in the same building as NISS, and was working on a survey that dealt with the health insurance rates for counties in Florida. He was also involved with the weighting and the Census working groups. The weighting working group is still meeting regularly even though the research program is officially over.

"With NISS we are developing a model-based analysis of multi-dimensional contingency tables," said Neung Soo.



KISS Career Mentoring Program for Young Professionals, Mimi Kim

Career mentoring has been an important topic in many professional organizations, including the American Statistical Association. KISS is planning a **Career Development and Mentoring Workshop** for junior statisticians that will be held at the next Joint Statistical Meetings in Seattle in August 2015 on **Sunday afternoon (8/9/15) from 4 – 5:30 pm**. The workshop will include a panel discussion of senior

statisticians from a wide range of organizations and industries who will discuss career strategies and share their professional experiences as Korean statisticians working in the US. In addition, there will be a break-out session in which workshop participants can talk about career related issues and obtain advice in smaller groups of junior and senior statisticians. This event will also be a great opportunity

for KISS members to network and a chance for existing and prospective mentors and mentees to meet and interact. Please save the date and spread the word to anyone who might be interested in the workshop. We hope to see you there!

(KISS established a mentoring program in November, 2013, which currently includes 9 pairs of mentee-mentors who

are matched based on professional interest. If you are interested in being either a mentor or mentee or would like further information about the program, please send an email to info@statkiss.org.)

Call for Papers: Communications for Statistical Applications and Methods

Communications for Statistical Applications and Methods is an official journal of the Korean Statistical Society and Korean International Statistical Society beginning in 2013. Abbreviated title is 'CSAM'. It contains original articles dedicated to application research in various fields of statistics and probability, or contributing to applied

statistics through innovative data analysis and interpretation. However, articles dealing with statistical education are also welcomed. The journal welcomes articles from all countries.

The journal has been twice retitled from *Communications of the Korean Statistical Society* or

formerly, *Korean Communications in Statistics*, which was one of the official journals of the Korean Statistical Society since 1994.

The journal accepts articles written in English and is published bi-monthly in January, March, May, July, September, and November. All of the manuscripts are peer-

reviewed. CSAM welcomes only original research articles for the form of publication.

To submit your paper, please visit <http://submit.csam.or.kr/submission/Login.html> Please register and login for submission.

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KISS has launched the web-site at <http://statkiss.org>. It contains the information about KISS, News and events, job opportunities, upcoming and past meetings, membership online registration, guest board, and photo gallery. Here is a brief membership online registration Instruction:

1. Please review different membership types from under Membership in the KISS website:

<http://statkiss.org/Membership.php>

2. Please fill out the membership form under Membership/Form:

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