1. Sun, (Tony) Jianguo

[PRESENT POSITION] Full Professor, Department of Statistics, University of Missouri (1997 – present).

[FORMER POSITION] Research Fellow, Department of Biostatistics, Harvard University (1995 – 1997); Research Scientist, CME Telemetrix, Waterloo, Canada (1993 – 1995); Assistant Professor, College of Economic Management, Jilin University, Changchun, China (1986 – 1987).

[DEGREES] Ph.D in Statistics, University of Waterloo, 1992; M.S. in Probability and Statistics, 1986, and B.S. in Mathematics, 1983, Jilin University, Changchun, China.

[FIELD OF MAJOR STATISTICAL ACTIVITIES] AIDS and Cancer Researches,

Bioinformatics, Biostatistics, Chemometrics, Clinical Trials, Event History Studies, Longitudinal Studies, Survival Studies.

[ICSA ACTIVITIES] Chair of ICSA Program Committee 2018, Chair of ICSA Membership Committee 2016 – 2017, Chair of Program Committee of 2017 ICSA China Meeting, Member of ICSA Shanghai Committee 2017 - 2018, Member of Program Committee of 2016 ICSA Applied Statistics Symposium, ICSA Board Director 2010 – 2012, Organizers of Invited Sessions of Several ICSA Meetings, Life Member of ICSA.

[HONORS AND AWARDS] Fellow of the American Statistical Association; Fellow of the Institute of Mathematical Statistics; Elected Member of the International Statistical Institute; University of Missouri Graduate Faculty Mentor Award, 2018; Chancellor's Award for Outstanding Research and Creative Activity in the Physical & Mathematical Sciences, University of Missouri, 2008; NIH First Award Research Grant, 1998 – 2003; National Science and Engineering Council Industrial Postdoctoral Fellowship, Canada, 1993 – 1995.

[EDITORIAL SERVICES] Associate Editor, JASA, Theory and Methods, 2014 – present; Associate Editor, LIDA, 2009 – present; Associate Editor, Computational Statistics and Data Analysis, 2016 - present; Associate Editor, Journal of Nonparametric Statistics, 2011 – present; Associate Editor, Biometrical Journal, 2007 – 2009; Editor, The International Journal of

Biostatistics, 2010 – present; Guest Editor, LIDA, 2009.

[PROFESSIONAL SERVICES] President of Mid-Missouri Chapter of ASA, 2003 – 2004; Secretary of Mid-Missouri Chapter of ASA, 2001 – 2002; Member and IMS Representative of AMS-ASA-IMS-MAA-SIAM Data Committee, 2007 – 2010; Member of the E. C. Bryant Scholarship Committee of ASA, 2005 – 2010; Member of the W. J. Youden Award in Interlaboratory Testing Committee of ASA, 2006 – 2008.

[SELECTED PUBLICATIONS] Dr. Sun has published three books and over 160 peer-reviewed research papers in the journals including Biometrical Journal, Biometrics, Biometrika, Biostatistics, Computational Statistics and Data Analysis, Journal of American Statistical Association, Journal of Chemometrics, Journal of Multivariate Analysis, Journal of Nonparametric Statistics, Journal of Royal Statistical Society, Series B, Lifetime Data Analysis, Scandinavian Journal of Statistics, Statistica Sinica, Statistical Analysis and Its Interface, Statistics in Biosciences, Statistics in Medicine, The Canadian Journal of Statistics, and Test. The three books are *The Statistical Analysis of Interval-censored Failure Time Data* (Springer, 2006), *Interval-censored Time-to-Event Data: Methods and Applications* (with Chen, D. and Peace, K., Chapman & Hall, 2012), and *The Statistical Analysis of Panel Count Dat*a (with Zhao, X., Springer, 2013). The areas where Dr. Sun has made statistical methodology contributions include AIDS and cancer research, chemometrics, the analysis of clinical trials, the analysis of event history studies (especially the analysis of panel count data), the analysis of longitudinal data, the analysis of survival data (especially the analysis of interval-censored data and doubly censored data), and the analysis of tumorgenecity experiments. In addition, Dr. Sun has been invited to write several review papers on the analysis of interval-censored data, doubly censored data, and panel count data, respectively. More information can be found at www.stat.missouri.edu/peop/sunj.

[STATEMENT] I am very honored and grateful to be nominated by the ICSA Nomination and Election Committee as a candidate for ICSA President and will be extremely happy to serve our association if elected. I have joined our association first time I was introduced to it and become a lifetime member for many years.

Over the years, I have participated and enjoyed many activities that ICSA has organized and believe that it has helped my career a great deal. In particular, I have had and enjoyed greatly the opportunities to serve ICSA on many occasions including on the Board of Directors (2010 – 2012) and being the Chair of ICSA Membership Committee (2016 – 2017). Of course, by being a member of our lovely big family, I have also had chances to learn from and work with many great statisticians and made many wonderful and helpful friends.

I believe that ICSA has become one of the largest and most active statistical societies and is an outstanding organization owning to the strong leadership and hard work of past and current Presidents, Board of Directors and various committee members as well as our own members. Also, I believe that under the leadership of current ICSA President-past, ICSA President and ICSA President- Elect, ICSA is in great shape and doing some great things to promote our profession and association and to help our members. Among them, ICSA is publishing three top journals in

Statistica Sinica, *Statistics in Biosciences* and *Statistics and Its Interface*, and the leadership and hard work of both past and current editors have made them very successful. Also ICSA has been organizing many meetings including annual Symposiums on Applied Statistics and International Conferences as well as various jointly sponsored meetings with other societies. In addition to attending many of these ICSA meetings, I also had served on program committees, organized some invited sessions and given talks for some of them. In particular, I served as the Chair of Program Committee for 2017 ICSA China Meeting held during July 2 – 5 at Jilin City of Jilin Providence of China, and I believe that I have learned a great deal by working with many of our members and the current leaders of our association. It is these experiences and the love for our big family and our great members that make me want to be put up as a candidate for the President of ICSA. If elected, I will continue the great work that the past and current leaders have been doing to promote the missions of ICSA and make ICSA better. In particular, I will closely work with the ICSA Executive Board and others to

1. Continue to promote and improve our journals and annual Symposiums on Applied Statistics and International Conferences as well as other activities to increase the image, influence and visibility of our association.

2. Work with the Membership Committee to promote membership benefits and increase ICSA membership though various means such as reaching out statisticians in China, Europe and Singapore as well as graduate students and establishing new specific area sections and local chapters.

3. Strengthen and improve collaborations with other statistical associations and among or between academic, government, industrial and pharmaceutical sectors.

4. Explore strategies or methods to increase ICSA's financial ability to grow and help members and member's benefits such as providing more travel support for junior statisticians as well as the involvement of members in our association's activities.

5. Improve communications among ICSA members such as expanding the contexts the ICSA Bulletin and website to include, for example, job search and social networking tools to better serve the needs of members.

6. Work to encourage ICSA members to go out of the boxes and contribute to society beyond statistics, which is especially important in the era of big data, and to promote initiatives that value statistical contributions in other fields.

Again, I am committed to ICSA missions and delighted to be nominated for the President-Elect to serve our organization. If elected, I would like to make my best efforts to take on the responsibilities and to continue the success of ICSA.

2. Yao, Qiwei

[PRESENT POSITION] Professor of Statistics, Department of Statistics, London School of Economics and Political Science (since 2002).

[FORMER POSITION] Head of Department of Statistics, London School of Economics and Political Science (2006 – 2009); Reader, London School of Economics and Political Science (2000 – 2002); Lecturer and Senior Lecturer, University of Kent at Canterbury (1991-1999); Research Associate, University of Heidelberg (1990-1991); Alexander von Humboldt Research Fellow, University of Freiburg (1989-1990); Teaching Assistant and Lecturer, Southeast University, Nanjing (1987 – 1989).

[DEGREES] Ph.D in Statistics, Wuhan University 1987; M.S. in Statistics (1984) and B.S. in Mathematics (1981), Southeast University, Nanjing, China.

[FIELD OF MAJOR STATISTICAL ACTIVITIES] Yao's major research interest lies in statistical inference for time series, especially for high-dimensional time series, nonlinear time series, high-frequency data, heavy-tailed processes, spatio-temporal processes, and, more recently, dynamical network data. Some of his work is highly relevant to (financial) econometrics. He has also published in other areas including nonparametric regression, change-point inference. Yao is passionate on statistical education, especially in teaching state-of-art statistical methods for non-statistical students. His consultancy work with major companies has led to development of non-standard methodologies.

[ICSA ACTIVITIES] Co-Editor (2011-2014) and Associate Editor (2008-2011) of Statistica Sinica, ICSA Board Director 2003 – 2006, Organizers of invited sessions of several ICSA meetings, Life member of ICSA.

[HONORS AND AWARDS] Fellow of the American Statistical Association (2009); Fellow of the Institute of Mathematical Statistics (2003); Elected Member of the International Statistical Institute (1996); ICSA Outstanding Service Award (2015).

[EDITORIAL SERVICES] Associate Editor of Journal of the Royal Statistical Society, Series B (1998-2002, and since 2015); Associate Editor of Journal of the American Statistical Association (Theory and Methods, since 2017; Applications and Case Studies, since 2012);

Associate Editor of Annals of Statistics (2004 – 2012); co-Editor (2011 – 2014) and Associate Edtitor (2008-2011) of Statistica Sinica; co-Editor of Statistics and Its Interface (2007 – 2011); co-Editor of Journal of the Korean Statistical Society (2008-2010); Associate Editor of Journal of Time Series Analysis (2009 - 2010); co-Editor of Sankhya (2004 – 2007); Associate Editor of Australian and New Zealand Journal of Statistics (2001 – 2007).

[PROFESSIONAL SERVICES] IMS Representative to IMS-China Committee (since 2016); IMS Council Member (2011 – 2014); IMS Nomination Committee Member (2011 – 2012 and 2015 – 2016); Member of Peer Review College of UK Engineering and Physical Sciences Research Council (since 2006); Member of Research Section Committee of Royal Statistical Society (2003 – 2007); Chair of Postgraduate Training Program Committee of Royal Statistical Society (2004 – 2006).

[SELECTED PUBLICATIONS] Yao has published two books and over 80 research papers in Annals of Statistics, Biometrika, JASA, JRSS-B, Statistica Sinica, Econometrica and other journals. A substantial proportion of his more recent publications has mainly (but not exclusively) focused on high-dimensional time series analysis. An overarching aim has been to develop new tools which reduce thedimension of time series by exploring latent low dimensional structures. His research papers also contribute to nonlinear time series, spatio-temporal modelling, functional time series, extreme values of dependent data, non/semi-parametric estimation for conditional distributions, non/semi-parametric regression. With the increasing experience in research and, especially, in solving practical problems arising from consultancy, Yao is attracted to the pursuing for the simplicity in statistical methodology, as simple methods are often effective, and gain more appreciation in application. With the ever-increasing data size and complexity in this information age, the challenge is to develop simple, if ever possible, statistical methods relevant to solving new and complicated practical problems.

[STATEMENT] I am deeply honored to be nominated as a candidate for the ICSA Presidency. I joined the Society as a young faculty back in China in the late 1980s, and have benefited so much from it since then. I have also witnessed in full the growing of ICSA from its infancy to, as it stands now, one of leading statistical societies, due to the tireless effort and visions from the ICSA leaderships over the years as well as its wide and diverse members. As a mature and influential society, ICSA excels today in providing significant service to statistical profession and beyond while serving its member to their best interest. The highlight activities include, among others, annal international conferences drawing participants from all over the world, applied symposiums with sustaining impact beyond statistics, publication for quality research through the three society-sponsored journals, promoting innovations in both research, application and service through various society awards. While continuing with those strong and positive momentums, I, if elected, would like to further promote the ICSA activities in the following three areas.

1. This information age featured with big and complex data brings statistics opportunities with challenges. At present there are vibrant debates on data collection, storage and usages across different sectors in our society. ICSA should play a leading role in meeting those challenges.

2. Relate to the above, the future of ICAS lies with young generations. While young statisticians are overall better prepared and better positioned in taking on the challenges associated with big

data, they face severe competition within our profession and also from other disciplines. ICSA can do more in supporting and promoting young generations.

3. Being outside of the traditional ICSA strongholds, I would like to further promote the activities and the presence of ICSA beyond North America and Asia.

Candidates for 2019 Biometrics Section Representative

1. Liu, Mengling

[PRESENT POSITION] Dr. Mengling Liu currently is an Associate Professor of Biostatistics in the Department of Population Health and Department of Environmental Medicine at NYU Langone Health. She also serves as the Graduate Director of Biostatistics PhD Training Program in the Sackler Institute of Graduate Biomedical Science at NYU Langone Health.

[FORMER POSITION] Dr. Liu was an Assistant Professor of Biostatistics in the Department of Population Health and Department of Environmental Medicine at NYU Langone Health

[FILED OF MAJOR STATISTICAL ACTIVITIES] Her research interests include survival analysis, longitudinal data analysis, statistical methods for epidemiology studies; risk model development.

[SELECTED PUBLICATIONS] Dr. Liu has published over 80 peer-reviewed papers in both statistical journals and biomedical journals, including Biostatistics, Biometrics, Journal of American Statistical Association, Statistics in Medicine, PLoS One, American Journal of Epidemiology, and International Journal of Cancer.

[ICSA ACTIVITES] Dr. Liu is a permanent member of ICSA. She served as a member of the ICAS Board of Directors from 2014 to 2016. She was on the Executive Committee for the ICSA 2011 Applied Statistics Symposium and chaired the Committee of J. P. Hsu Student Paper Award for the ICSA 2011 Applied Statistics Symposium. Currently, she is a member of the Executive Committee for the ICSA 2019 Applied Statistics Symposium.

[RELATED PROFESSIONAL ACTIVITIE] Dr. Liu served as Associate Editor for Statistica Sinica in 2014-2017. She has been an Editorial Board Member for the Journal of National Cancer Institute since 2016 and a Statistical Reviewer for the Lancet Respiratory Medicine since 2016.

She chaired multiple invited and contributed sessions in the JSM, ENAR, and ICSA meetings and served as reviewers for NIH review panels and as reviewer for multiple statistical and medical journals including JASA, Biometrics, Biostatistics etc.

2. Zhao, Lihui

[PRESENT POSITION] Assistant Professor of Biostatistics (with promotion to Associate Professor with Tenure effectively September 1, 2018), Department of Preventive Medicine, Northwestern University Feinberg School of Medicine.

[PAST POSITION] Prior to joining Northwestern University in 2011, Dr. Zhao was a Postdoctoral Research Fellow at Harvard School of Public Health from 2009 to 2011.

[DEGREES] Ph.D. in Statistics from Simon Fraser University in 2009; M.S. in Probability and Statistics from Nankai University in 2004; and B.S. in Mathematics from Nankai University in 2001.

[HONORS] International Biometric Society (Western North American Region) Young Investigator Special Invited Travel Award, 2012.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] Dr. Zhao's statistical methodology research areas include survival and event history analysis, precision/personalized medicine, and design and analysis of clinical trials. He also conducts collaborative research in the areas of cardiovascular disease, solid organ transplantation, and peripheral artery disease. He is the Principal Investigator of two NIH funded studies: an R01 to develop statistical methods to help improve personalized cardiovascular disease prevention across the life course, and an R21 to develop statistical methods to optimize donor and recipient matching in liver transplantation.

[PUBLICATIONS] Dr. Zhao has published 49 papers in peer reviewed journals and 2 book chapters, which include first-author statistical methods papers in Journal of American Statistical Association, Biometrics, and Biostatistics etc., as well as collaborative papers in Journal of the American Medical Association and Circulation etc.

[ICSA ACTIVITES AND OFFICE HELD] Dr. Zhao is a Life Member of ICSA. He has organized and chaired invited sessions and has presented multiple times at ICSA Applied Statistics Symposium. He was in the local organizing committee of 2017 ICSA Applied Symposium in Chicago. He is in the organizing committee of 2018 ICSA Midwest Chapter conference.

[RELATED PROFESSIONAL ACTIVITIES] Dr. Zhao is an Associate Editor for Trials. He has organized and chaired multiple invited sessions at a variety of statistical conferences. He has reviewed grants for NIH and papers for multiple statistical and medical journals.

Candidates for 2019 Board of Directors

1. Lai, Yinglei

[PRESENT POSITION]
Yinglei Lai is Professor of Statistics at The George Washington University (GWU). He has been a faculty member at GWU since 2004.

[DEGREES] He received his B.S. in Information & Computation Science and Business Administration from University of Science and Technology of China in 1999, and Ph.D. in Applied Mathematics (Computational Biology) from University of Southern California in 2003.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] His research interest is to develop statistical and computational methods in the fields of bioinformatics, computational biology and biostatistics. He has been working on the following research topics: change-point detection, multiple hypothesis testing, mixture models, DNA sequence mutation during replications in vivo and in vitro; identifying differential expression and differential gene-gene co-expression patterns; detecting chromosomal regions with DNA copy number alterations; estimating the proportion of differentially expressed genes, missing value imputation of gene expression data, and concordant integrative analysis of large scale data. He created a new graduate course in statistical methods in bioinformatics and computational biology and a new graduate course in network data at GWU.

[PUBLICATIONS] He has authored or co-authored more than sixty articles in scientific journals, including Bioinformatics, Journal of Computational Biology, Molecular Biology and Evolution, BMC Bioinformatics, BMC Genomics, Biostatistics and Journal of Theoretical Biology. He has been collaborating with biomedical scientists on various types of statistical analysis including the analysis of data from clinical trials and observational studies as well as the analysis of genetics, genomics and proteomics data.

[ICSA ACTIVITES] He has been a life-time member of ICSA for a long time. He was on an Organizing Committee for ICSA Applied Statistical Symposium.

[RELATED PROFESSIONAL ACTIVITIES] He is an Associate Editor for the journal BMC Medical Genomics. He served on national scientific review panels and conference program committees. He was the Deputy Chair of the Department of Statistics at GWU from 2014 to 2017.

2. Shen, Lei

[PRESENT POSITIONS] Senior Research Advisor, Global Statistical Sciences, Eli Lilly and Company.

[FORMER POSITIONS] Research Advisor (2014-2017), Principal Research Scientist (2010-2014), and Senior Research Scientist (2007-2010), Global Statistical Sciences, Eli Lilly and Company; Visiting Assistant Professor, Department of Population Health Sciences, University of Wisconsin-Madison (summer 2003); Assistant Professor, School of Public Health, The Ohio State University (2001-2006).

[DEGREES] Ph.D. in Statistics, University of Wisconsin-Madison, 2001; M.A. in Mathematics, University of Wisconsin-Madison, 1996; M.S. in Computer Science, University of Wisconsin-Madison, 1996.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] Sixteen years of experience in academia and industry, with research and applications in fields including epidemiology, cancer genetics, pharmacogenomics, and design and analysis of clinical trials. Contributions to drug development programs in disease areas including diabetes, oncology, neuroscience, cardiovascular diseases, and autoimmune diseases. Specific statistical areas of focus include missing data, longitudinal data analysis, measurement error modeling, statistical genetics, subgroup identification, and multiple testing.

[PUBLICATIONS] More than 30 publications in both statistical and medical journals, including Statistica Sinica, Statistics in Biosciences, Statistics in Medicine, Statistics in Biopharmaceutical Research, American Journal of Human Genetics, Lancet, JAMA, and New England Journal of Medicine. Invited speaker at several Joint Statistical Meetings as well as Non-clinical Biostatistics Conference, Midwest Biopharmaceutical Statistics Workshop, and FDA-Industry Statistics Workshop. Short course instructor at 2015 Deming Conference.

[ICSA ACTIVITIES] Organized and chaired sessions, and gave presentations at many ICSA Applied Statistics Symposiums; taught short course at 2016 ICSA Midwest Chapter Workshop;

regular participants of ICSA activities since graduate school and attended ICSA Board of Directors meetings as a proxy in 2000 and 2001.

[RELATED PROFESSIONAL ACTIVITIES] Served on Institutional Review Board (2004-2006); participated in industry working groups for enrichment designs and subgroup identification; served as referee for many medical and statistical journals including JASA, Statistics in Medicine, Pharmaceutical Statistics, and Biometrics.

3. Sun, Yifei

[PRESENT POSITION] Yifei Sun is an Assistant Professor of Biostatistics at Columbia University Mailman School of Public Health.

[DEGREES] She earned a B.S. degree in Statistics from Zhejiang University in 2010 and a Ph.D. degree in Biostatistics from Johns Hopkins University in 2015.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] Her research interests include survival analysis, longitudinal data analysis, semiparametric/nonparametric methods and statistical learning methods for complex time-to-event outcomes.

[SELECTED PUBLICATIONS] Sun Y and Wang M-C (2017). Evaluating utility measurement with recurrent marker processes in the presence of competing terminal events. Journal of the American Statistical Association, 112(518): 745-756. Sun Y, Huang C-Y and Wang M-C (2017). Nonparametric benefit-risk assessment using marker process in the presence of a terminal event. Journal of the American Statistical Association, 112(518): 826-836. Sun Y, Qin J and Huang C-Y (2018). Missing information principle: a unified approach for general left-truncated and/or right-censored survival data problems. Statistical Science, 33: 261-276. Sun Y, Chan G and Qin J (2018). Simple and fast overidentified rank estimation for right-censored length-biased data. Biometrics, 74: 77-85.

[HONORS AND AWARDS] Calderone Award for Junior Investigators, 2017, Columbia University; Student Paper Award, 2017, Conference on Life Time Data Science; The Best Paper Award, 2015, American Statistical Association Section on Risk Analysis Student Paper Competition; The Jane and Steve Dykacz Award, 2015, Johns Hopkins University; The Glaxo SmithKline Award, 2011, Johns Hopkins University

[ICSA ACTIVITES AND OFFICE HELD] She has been an ICSA member since 2015. She will give invited talks in ICSA 2018 Applied Statistics Symposium and ICSA 2018 China Conference.

[RELATED PROFESSIONAL ACTIVITIES] She had organized or chaired invited and topic contributed sessions for several statistical conferences, including LiDA, ENAR and JSM.

4. Tian, Xin

[PRESENT POSITION] Xin Tian is a senior Mathematical Statistician at the Office of Biostatistics Research, National Heart, Lung and Blood Institute (NHLBI), National Institutes of Health (NIH).

[DEGREES] Ph.D. (2003) and M.S. (1999) in Statistics from Rutgers University; B.S. (1997) from the East China University of Science and Technology.

[PUBLICATIONS] She has published over 75 peer-reviewed research papers in statistical, biostatistical, and biomedical journals and book chapters, including publications in Journal of the American Statistical Association, Biostatistics, Statistical in Medicine, Statistics and Its Interface, Journal of Nonparametric Statistics, Genetic Epidemiology, Statistical Applications in Genetics and Molecular Biology, BMC Genetics, JAMA, JAMA Oncology, Lancet Oncology, Oncogene, Circulation, American Journal Cardiology, American Heart Journal, Chest, Blood, Leukemia, Haematologica, British Journal of Haematology, Cytotherapy, Blood Marrow Transplantation, etc. She recently coauthored a statistical textbook: Wu C, Tian X. Nonparametric Models for Longitudinal Data: With Implementation in R. Chapman and Hall/CRC Monographs on Statistics and Applied Probability 159, 2018.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES]
Her research interests include design and analysis of clinical trials, longitudinal data analysis, non-parametric and semi-parametric models; multivariate statistics; statistical genetics; machine learning and outcome prediction; disease risk tracking; meta-analysis of big medical studies. She has extensive research experience in the application of statistical methodologies in clinical trials of cardiovascular diseases, and bone-marrow and stem-cell transplantation.

[HONORS AND AWARDS]
She has served as an associate investigator for over 30 NIH intramural clinical trials, and the project office statistician for many large-scale NIH extramural clinical trials and clinical research networks. She received the NHLBI Director's Awards of Merit for extraordinary collaboration with extramural and intramural research programs and for mentoring undergraduate and graduate students in biostatistics and statistical genetics.

[ICSA ACTIVITES AND OFFICE HELD]

She has been a permanent member of ICSA since 2004, and presented in a number of the ICSA Applied Statistics Symposiums. She was in the short course committee of 2017 ICSA Applied Statistics Symposium.

[RELATED PROFESSIONAL ACTIVITIES] She has served on various NIH committees. She has been referees for many statistics and biostatistical journals. She had organized and chaired invited and topic contributed sessions for JSM and ENAR statistical meetings. She is a member of Caucus for Women In Statistics, and has mentored and provided biostatistical training for five female summer undergraduate/graduate students, who later received Ph.D. or M.S. in Statistics.

[STATEMENT] I am deeply honored to be nominated. As a mathematical statistician in the National Institutes of Health (NIH) for 15 years, I have collaborated extensively with clinical researchers, participated in planning, design, implementation, monitoring, and analyses of clinical trials and other studies supported by NIH, and developed new statistical methodologies to answer research questions. It is exciting and rewarding to work in the nation's health and medical research agency as a biostatistician and to contribute to many medical discoveries that improve public health and save lives. In the era of big data and precision medicine, statisticians play an increasing role in data science to maximizing value of vast amounts of biomedical data generated from NIH-funded research to reduce diseases and accelerate biomedical breakthroughs. As a representative of statisticians in government agencies, I look forward to the opportunity to support ICSA, and to promote ICSA members to take a leading role in statistical learning and data science, such as utilizing big data from government-funded, publicly available data resources, to make important scientific discoveries in new frontiers.

5. Xu, Li-An

[PRESENT POSITION] Li-An Xu is a Director in Global Biometric Sciences Department at Bristol-Myers Squibb Company.

[DEGREES] He earned a B.S. degree in Mathematics from Peking University in 1994 and a Ph.D. degree in Statistics from University of Michigan in 2000.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] He has been working on applying statistical methodology to problems in drug discovery, statistical genetics and biomarkers, early exploratory drug development, and late phase drug development in Immunology and Immuno-

oncology. His research interests include innovative clinical design, predictive modeling in biomarker analysis, multiplicity adjustment, survival analysis under non-proportional hazards.

[PUBLICATIONS] He has published 11 articles in peer-reviewed interdisciplinary research papers in statistical and biomedical journals, including Journal of Statistics in Biopharmaceutical Research, Statistical Planning and Inference, Journal of Clinical Oncology, and New England Journal of Medicine. These publications cover a wide range of topics on statistical methods and applications in clinical drug development, pivotal phase 3 studies with break-through therapies, predictive biomarker discovery in cancer research, optimal experimental designs, and Bayesian inferences. He also holds three patent applications on novel biomarker discovery, exposure based dose escalation regimen, and statistical methods on drug target screening.

[ICSA ACTIVITES AND OFFICE HELD] He has been an ICSA member since 2000. He served the organizing committee for the ICSA applied statistical symposium in 2008 and organized various invited sessions in the ICSA Applied Statistics Symposiums over the years.

[RELATED PROFESSIONAL ACTIVITIES] He served as the President in ASA Princeton-Trenton chapter in 2013 and the chapter representative from 2015-2018. He has organized invited and contributed sessions for various statistical conferences, including JSM and ICSA. He was one of industry members working on the risk-based monitoring imitative at TransCelerate. He is also a member of the endpoint sub-team in FDA/Industry non-proportional hazards working group.

[STATEMENT] I am looking forward to supporting ICSA and make bigger contributions in strengthening the interactions among Chinese statisticians in industry, academia, and government. I am also committed to support ICSA members to making greater impact with statistical thinking and strategy in industry.

6. Xu, Yunling

[PRESENT POSITION] Deputy division director, Division of Biostatistics, Office of Surveillance and Biometrics, Center for Devices and Radiological Health, U.S. Food and Drug Administration.

[FORMER POSITION] Branch Chief, Mathematical Statistician, CDRH/FDA; Statistical Analyst, MD Anderson Cancer Center.

[DEGREES] MS in Statistics from Michigan State University, and PhD in Biology from Chinese Academy of Sciences.

[FIELD OF MAJOR STATISTICAL ACTIVITIES] Applied statistics for medical product development including Bayesian clinical trial design, multi-regional clinical trials, non-

randomized comparative studies, non-inferiority studies, adaptive designs, real world data/evidence

[PUBLICATIONS] Published a number of papers in statistical journals and books on topics including two-stage objective study design for non-randomized comparative medical device studies, design and analysis of multi-regional clinical trials, Bayesian study design and non-inferiority studies. Participated in writing CDRH/FDA "Guidance for the Use of Bayesian Statistics in Medical Device Clinical Trials" (2010) and "Adaptive Designs for Medical Device Clinical Studies, Guidance for Industry and Food and Drug Administration Staff " (2016).

[HONORS AND AWARDS] Received Outstanding Service Award from Food and Drug Administration in 2015.

[ICSA ACTIVITIES] Served on program organizing committee for the 2016 ICSA Applied Statistics Symposium, organized many sessions for various ICSA Applied Statistics Symposium, given talks at various ICSA Applied Statistics Symposium, and serve on program organizing committee for the 2019 ICSA Applied Statistics Symposium.

[PROFESSIONAL SERVICES] Co-chair of the Steering Committee for the 11th Annual FDA/AdvaMed Medical Devices & Diagnostics Statistical Issues Conference. On Steering Committee for the 2016 ASA Biopharmaceutical Section Regulatory-Industry Statistics Workshop, and program organizing committee for SCT/QSPI AND FDA PRESENT Innovations in the Science and Practice of Clinical Trials (2014). Guest co-editor for special issue "Bayesian Approaches for Medical Product Evaluation and Development". *J Biopharmaceutical Statistics* 2011. Frequently organized and chaired sessions for JSM and ENAR annual meetings, ASA Biopharmaceutical Section Regulatory-Industry Statistics Workshops and FDA/AdvaMed Medical Devices & Diagnostics Statistical Issues Conferences.

[STATEMENT] Very grateful and honored to be nominated. Looking forward to making contributions in expanding the impact of ICSA in medical product development.

7. Zou, Kelly H.

[PRESENT POSITION] Senior Director and Methods & Algorithms Group Lead, Real World Data & Analytics Center of Excellence, Patient & Health Impact, Strategy & Commercial Operations, Pfizer Inc (2008-Present).

[FORMER POSITION] Associate Director of Rates, Global Markets, Barclays Capital (2007-2008); Director of Biostatistics & Associate Professor of Radiology, Harvard Medical School & Affiliated Teaching Hospitals (1997-2007).

[DEGREES] Postdoctoral Fellow in Health Care Policy (Biostatistics) and Radiology (Imaging) (1997-1999); Ph.D in Statistics, University of Rochester (1997); M.A. in Statistics, University of Rochester (1984); B.A. (Summa Cum Laude) in Mathematics & Minor in Physics, Chaminade University of Honolulu (1982).

[FIELD OF MAJOR STATISTICAL ACTIVITIES] Real World Data; Real World Evidence; Big Data; Observational Studies; Health Economics; Patient Reported Outcomes; Machine Learning; Predictive Modeling; Receiver Operating Characteristic Analysis.

[ICSA ACTIVITIES] Publication Committee Member (2015-2017); Invited Session Organizer, ICSA Conferences (2012-Present); Ad-Hoc Photographer, ICSA & Joint Statistical Meetings (JSM) Banquets (2012-Present); Statistical & Data Science Career Panels, Columbia U, Rutgers U & UB, ICSA (2016-2017).

[HONORS AND AWARDS] Fellow, American Statistical Association (ASA) (2012-Present); PStat®, Accredited Professional Statistician, ASA (2011-Present); Accomplished Woman in Statistics & Data Science, ASA (2018); Analytics Expert, Human of Analytics (2018); Inspirational Women in Statistics & Data Science, Royal Statistical Society & John Wiley & Sons (2017); Outstanding Woman in Data Analytics, Forbes (2017); First Prize, Pfizer & Tableau AMER Annual Hackathon (2018); Editor's Recognition Awards, Reviewing with Special Distinction or Distinction, Radiology, Radiological Society of North America (2004-Present); Excellence in Reviewing Awards, Academic Radiology (2014-Present); UpJohn, OwnIt!, STAR, GAA-ALF Awards & Recognitions, Pfizer Inc (2009-Present); Poster Competition Prizes, Biopharmaceutical Section, ASA (2009-2014); Statistical Significance Contest Awards, Scientific and Public Affairs Advisory Committee, ASA (2011, 2012 & 2013); Principal Investigator, NIH Research Grants, R01LM007861, R01GM074068 & R03HS13234 (2001-2007); Travel Award, AUR-Philips Faculty Development Program (2004); Travel Stipend Awards, the Society of Health Services Research in Radiology (1988-1999); Herbert M. Stauffer Award, the Best Article Published in Academic Radiology (1999).

[EDITORIAL SERVICES] Editorial Board Member, Significance, Royal Statistical Society (2015-Present); Deputy Editor, Academic Radiology, Association of University Radiologists (2013-Present); Associate Editor, Statistics in Medicine (2010-Present); Co-Editor, HEOR Book, Chapman & Hall CRC Press (2017); Theme-Issue Co-Editor, Philosophical Transaction of the Royal Society, Ser. A, Royal Society (2008); Co-Editor, Two Special Metz Issues, Academic Radiology (2012); Co-Editor, Two Special ICHPS Issues, Health Services and Outcomes Research Methodology (2006); Associate Editor, Radiology (2006-2012); Judge, Statistical Competitions, ASA & RSS (1999-Present); Reviewer, Multiple Professional Statistical & Medical Journals (1997-Present); Reviewer, Research Grant Proposals, National Institutes of Health (1999-2007).

[PROFESSIONAL SERVICES] Advisor & Mentor, Women in Technology in NY, Women Owning the Way, Pfizer in 46 Companies (2018); Member & Business Challenge Sponsor, Core Team, Asian Executive Leadership Forum & Asian Leadership Forum, Global Asian Alliance (GAA), Pfizer Inc (2017-Present); Methods & Data Council Member & Annual Research Meeting Theme Leader, AcademyHealth (2017-2019); Member, Membership Council, ASA (2016-2018); Chair & Council Liaison, Statistical Partnerships among Academe, Industry, and Government (SPAIG) Committee, ASA (2016-2018); Chair, SPAIG Award, ASA (2017-2018); Vice Chair, SPAIG Committee, ASA (2015); Member, SPAIG Committee, ASA (2013-2015); Chair-Elect, Chair & Past-Chair, Health Care Policy Statistics Section (HPSS), ASA (2017-2019); Chair, HPSS Achievement Awards (2018); Secretary, HPSS, ASA (2012-2013); Chair, Awards Committee, Committee of Presidents of Statistical Societies (COPSS) (2014-2016); Mentor, JSM, Pfizer GAA & Mentor-Match (2015-Present); Round Table Leader & Recap, JSM Mentoring Workshop (2015 & 2016); Co-Chair, International Conference on Health Policy Statistics (2015); Co-Chair, Women in Statistics Conference Award Committee (2014); Publications Committee, International Chinese Statistical Association (2015-2017); Member, Corporate Sponsorship Committee, Biopharmaceutical Section (2010); Vice Chair, ASA Committee on Applied Statisticians (2006-2008); Member, Faculty Taskforce, Joint Committee on the Status of Women, Harvard Medical School and Harvard School of Dental Medicine (2006-2007); Chair, Judiciary Committee, Radiology Alliance to Health Services Research, Association of University Radiologists (2005-2007).

[SELECTED PUBLICATIONS] Dr. Zou has published approximately 140 peer-reviewed articles listed in health care journals via PubMed, in statistical journals, and several books. For example, below are five books that she has co-authored: (1) Alemayehu D, Cappelleri JC, Emir B, Zou KH (Eds.). Statistical Topics in Health Economics and Outcomes Research. Chapman & Hall/CRC Press (2017). (2) Zou KH. To be or not to be bold: effective leadership in various individual, cultural and organizational contexts. Leadership and Women in Statistics (Golbeck A, Olkin I, Gel YR, Eds.). Chapman & Hall/CRC Press (2015); (3) Cappelleri JC, Zou KH et al. Patient-Reported Outcomes: From Measurement to Interpretation. Chapman & Hall/CRC Press (2013). (4) Zou KH, Liu A, Bandos AI, Ohno-Machado L, Rockette HE. Statistical Evaluation of Diagnostic Performance: Topics in ROC Analysis. Chapman & Hall/CRC Press (2010). (5) Zou KH, Liu A (Eds.). Mathematical and Statistical Methods for Diagnoses and Therapies. Philosophical Transactions of the Royal Society, Series A. The Royal Society (2008).

[STATEMENT] I am greatly honored to be a candidate for a member of the Board of Directors, the International Statistical Association (ICSA). I have been actively and consistently engaged in the various ICSA conferences over the years as an Invited Session Organizer. In addition, I was a recent member of the ICSA Publication Committee for three years. I have also been active interacting with members informally. I have been serving as an Officer and Editorial Board Member for a number of professional societies, especially as the Chair of the SPAIG Committee, the Chair of the HPSS Section, the Chair of the COPSS Awards Committee, as well as the Editorial Board Member of Significance, a joint membership-magazine of both the American Statistical Association (ASA) and the Royal Statistical Society (RSS).

Thus, I have had the opportunities through the ICSA, ASA, RSS and beyond to listen to and understand the diverse and timely needs from several generations of members across multiple countries and regions. The history and the principles envisioned by our founders and the progression of the association over the last 30 years have also been quite meaningful in my involvement. This particular role on the

Board of Directors will further solidify my service to the ICSA to meet the challenges in the new era and big tent of statistics. For example, I have formally discussed with the ICSA and proposed strategic plans for developing and sharing the methodology to leverage real world data, real world evidence, and big data. If elected, I will strive to be an ambassador and a conduit for bridging the gap between statistics, data science, analytics, as well as for bringing in expert knowledge and a clear vision in such areas.

By working closely with the ICSA Leadership, I would like to envision and elevate the following strategic goals: (1) To embrace and meet the challenge arising from data science, analytics and related disciplines, which intersect very closely with Statistics in the real-world applications, to gain scientific and business insights. (2) To leverage the existing International community, especially in the Asian Pacific countries, for outreach purposes into the professional community to foster the next generation of quantitative experts. The short-term and long-term impacts of the above goals are as follows: (1) To embrace data science and analytics as added components of Statistical Sciences; (2) To meet the challenge arising from technologies, such as artificial intelligence, machine learning, predictive modeling, and deep learning, which are becoming more dominant and prevailing; (3) To encourage membership retention, expansion and growth into multiple areas of statistical sciences and related fields. The support from our ICSA members to make these goals and impact as a reality through my service on the ICSA Board of Directors is very well-appreciated.