Candidates for 2018 President Elect

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 Membership Committee 2016 – 2018, 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, 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; 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 150 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/~tsun.

[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 – 2018). 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.

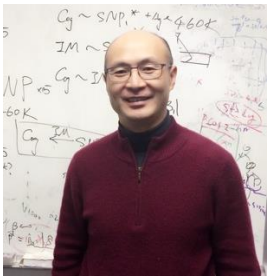
I believe that ICSA has become one of the largest and most active statistical societies and is an outstanding organization owning to the strong leadership and hard work of past and current Presidents, Board of Directors and various committee members as well as our own members. Also I believe that under 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. Currently I am serving as the Chair of Program Committee for 2017 ICSA China Meeting to be

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.

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. Zhang, Heping



[PRESENT POSITION] Susan Dwight Bliss Professor of Biostatistics (2012-Present), Professor of Statistics and Data Science (2003-Present), Professor of Child Study Center (2012-Present), Yale University; Director, Yale Collaborative Center for Statistics in Science (2005-Present).

[FORMER POSITION] Assistant Professor of Public Health (Biostatistics), Yale University School of Medicine (1992-1997); Associate Professor of Public Health (Biostatistics, with term), Yale University School of Medicine (1997-2001); Associate Professor (with tenure) of Public Health (Biostatistics), Yale University School of Medicine (2001-2003).

[DEGREES] PhD. in Statistics and minor in Computer Science, Stanford University (1991)**;** M.S. in Statistics, Huazhong Normal University, China (1986); B.S. in Mathematics, Jiangxi Normal University, China (1982).

[FIELD OF MAJOR STATISTICAL ACTIVITIES] High Dimensional Data Analysis, Nonparametric Statistics, Statistical Computation, Statistical Genetics, Clinical Trials, Statistical Applications in Drug Abuse Research, Mental Health, Reproductive Health, and Epidemiology.

[ICSA ACTIVITIES] Chair of Award Committee (2014-2016), Chair of Nomination Committee (2011) and Member (2009-2010), Membership Committee (2004-2006), ICSA Applied Statistical Symposium Program Committee Member (2012), Board Director (2001-2004), Life member.

[RELATED PROFESSIONAL ACTIVITIES] 中山大学岭南统计科学中心主任 (2015-Present), 中国科学院统计中心学术委员会副主任 (2004-Present), 复旦大学大数据研究院学术委员会委员 (2016-Present), 中国教育部长江学者 (2009-2012), 中央组织部短期千人计划学者 (2013-Present). Honorary Professor, Department of Statistics and Actuarial Science, the University of Hong Kong (2012-Present).

[SELECTED PUBLICATIONS] Dr. Zhang has published over 260 peer-reviewed research papers with a mixture statistical theory, methods, computation, and applications. Dr. Zhang's contributions to the statistical literature cover a range of topics including statistical inference on residual diagnostics, statistical theory on nonparametric tests of correlations, statistical computation on recursive partitioning, nonparametric modeling of longitudinal data, statistical modeling of multivariate hybrid outcomes, and joint analysis of longitudinal and censored data. He also devotes significant effort in statistical applications in neuroimaging data, genetics, addiction, mental health, child health, and reproductive health. Many of his work are among the most impactful in the respective fields. His research work has been published in leading scientific and statistical journals including *American Journal of Human Genetics, Annuals of Statistics, Annuals of Applied Statistics, Biometrika, Biometrics, Journal of the American Statistical Association*, *Journal of the Royal Statistical Society, Nature Communications, the New England Journal of Medicine, Proceeding of the National Academy of Sciences USA, Science*, and *Statistica Sinica*. Dr. Zhang is a coauthor (with Singer B) of a book, *Recursive Partitioning and Its Applications* (Springer, 2012).

[HONORS AND AWARDS] Elected member of the International Statistical Institute (1995), fellow of the American Statistical Association (2000), fellow of the Institute of Mathematical Statistics, Independent Scientist Award, National Institutes of Health (2004), Fellow, Institute of Mathematical Statistics (2004), Honor of a Statistician Award of ASA Connecticut Chapter (2007), Myrto Lefkopoulou Distinguished Lecturer of Harvard School of Public Health (2008), Medallion Lecturer of Institute of Mathematical Statistics (2011), Royan International Research Award in Reproductive Health (2011), Scientific Program Prize Paper of the American Society for Reproductive Medicine (2013), and March of Dimes Award for Best Research in Prematurity (2014).

[EDITORIAL SERVICES] Contributing Editor, Current Index to Statistics (1999), Associate Editor, Biometrics (2000-2009), Editor, Series in Biostatistics, World Scientific Publisher Co., Inc. (2001-Present), Associate Editor, Statistica Sinica (2005-2009), Editorial Board, Cancer Genomics and Proteomics (2007-Present), Editor-in-Chief, Statistics and Its Interface (2007-Present), Associate Editor, Journal of the American Statistical Association (2011-Present), Editorial Board, Genetic Epidemiology, International Society of Genetic Epidemiology (2011-Present), Editorial Board, Fertility and Sterility (2013-Present).

[PROFESSIONAL SERVICES] Special Emphasis Panel, National Heart, Lung, and Blood Institute (1997), Member, NIH Epidemiological Disease Control Study Section 1 (2000-2005),

Member, Program Committee, New England Statistical Symposium (2001), Reviewer, National Science Foundation (2002), Member, ENAR Program Committee (2004), Ad Hoc Member, NIH Behavioral Genetics and Epidemiology Study Section (2004-2006), Ad Hoc Member, NIH Health of Population Study Section (2004), Chair of Organization Committee, International Conference on Frontiers of Statistics: High Dimensional Data, Kunming, China (2007), Organization Committee, Statistical Analysis of High-Throughput Genetic Data, Banff International Research Station, Canada (2007), Chair of Organization Committee Genomic Workshop, Institute of Mathematical Sciences, National University of Singapore (2009), Member, NIH Biostatistics, Methods, and Research Design Study Section (2009-2013), Member, NIMH Institutional Training Grants (T32) Study Section (2010-2011), Program Committee, the Joint Biostatistics Symposium, Remin University, Beijing, China (2010-Present), Co-Chair of Scientific Committee, the third IMS-China Conference on Statistics and Probability, Xian, China (2011), Program Committee, International Research Symposium on Frontiers of Statistics, Hefei, China (2011), NIH review panel on Healthcare Delivery and Methodologies (2012), Review panel on Research Answers to NCI's Provocative Questions (2012), International Evaluation Committee on the School of Life Sciences & Biotechnology, the Bio-X Center and the Shanghai Center for Systems Biomedicine, Shanghai Jiao Tong University (2012), Evaluation Committee for the Division of Epidemiology, Statistics and Prevention Research, Eunice Kennedy Shriver National Institute of Child Health and Human Development (2012), Member, NIH Study Section for Academic Research Enhancement Awards (2014).

[STATEMENT] Having served on and chaired the ICSA nomination committee, it is a privilege to be a candidate for the ICSA President. As one of the early lifetime members, I have actively participated in and greatly benefited from the ICSA activities since the creation of this great statistical society. For example, I published my first English paper in *Statistica Sinica* in 1993, which was one of my most helpful professional experience, especially when I began my career and more-and-less was clueless in how to communicate with referees and editors. I attended the early ICSA Applied Symposia held in the University of Rutgers and became to know and learn from our esteemed and active ICSA colleagues, as well as numerous colleagues in my generation and later ones. As shared by many of us, I attend the ICSA Applied Symposia and International conferences to learn the scientific progress from our colleagues, and importantly, develop and maintain a bond with them. Through my many years of service in various ICSA committees, I have been fortunate to interact with many ICSA presidents, executive directors, and other leaders. I have in-depth understanding of the commitment, experience, and skills that are required to serve as the ICSA president. I am fully aware of the opportunities that the ICSA may offer its members and the challenges that the ICSA faces. If elected, I will continue our efforts to retain the current members and attract new members. To this end, the ICSA needs to continue to offer its members the benefits that other societies can't, as it has been the case for myself. For example, the lifetime ICSA membership was the best investment that I have made in my entire career. While the ICSA honors its distinguished members, we also need to reward many more successful members, and importantly recognize the junior members who have great and diverse potentials. I would continue our effort to reach out the other societies and raise the ICSA profile. As the editor-in-chief of an ICSA sponsored journal that promotes statistics and its interface with other fields, I fully appreciate the importance of the interface between statistical science and other disciplines. I would like to encourage the ICSA members to go out of the boxes and contribute to society beyond statistics. This is especially important in the era of big data. By directly engaging in real life projects, we can show how we can contribute and change things for better. Besides analyzing existing data, we can invest more in collecting and sharing data, and answer important questions that no one has answered. As a society, I would promote initiatives that value statistical contributions in other fields. In return, I believe our real life

experience will lead to the needs for novel statistical methods, theory, and computation. This interface is critical to the ICSA, and statistics as a profession.

Candidates for 2018 Biometrics Section Representative

1. Liu, Lei

[PRESENT POSITION] Associate Professor of Biostatistics with tenure, Department of Preventive Medicine, Northwestern University Feinberg School of Medicine.

[PAST POSITION] Assistant to Associate Professor of Biostatistics, Department of Public Health Sciences, University of Virginia School of Medicine.

[DEGREES] Ph.D. in Biostatistics, 2004. University of Michigan, Ann Arbor, Michigan; M.S. in Statistics, 1998. Virginia Tech, Blacksburg, Virginia; B.S. (1994) and M.S. (1997) in Engineering. Zhejiang University, Hangzhou, China.

[HONORS] Elected member (2010), International Statistical Institute (ISI). Student Paper Competition Award, 2004 International Biometric Society, Eastern North American Region (IBS-ENAR) conference. Young Investigator Award, 2004 Joint Statistical Meetings (Statistics in Epidemiology Section).

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] I have a broad interest in survival analysis, longitudinal data analysis, machine learning methods, with applications to clinical and health services studies. I am particularly interested in the analysis of recurrent event data, medical cost data, zero-inflated continuous data, and joint models of multi-outcome data. Recently I am working on personalized medicine in pharmacogenetic trials, analysis of high-dimensional epigenetics data, and analysis of microbiome data. I collaborate with clinicians in various medical fields, e.g., cancer, cardiovascular, addiction, nephrology, infectious disease, asthma, ophthalmology, and diabetes.

[PUBLICATIONS] I have published a total of 87 papers in peer reviewed journals: 35 on statistical methods and 52 on clinical collaboration. Liu et al. (2010) on the analysis of correlated medical cost data was listed among the most cited *Journal of Health Economics* (the top journal in Health Economics) articles in 2010-15. The joint frailty model of recurrent and terminal events (Liu et al. 2004, Liu and Huang 2008) has been used in several industrial clinical trials for power calculation and data analysis. The Center for Biologics Evaluation and Research of the FDA has

conditionally approved the joint frailty model as the primary analysis method subject to demonstration of the strong control of type 1 error rate based on simulation studies. This is a great demonstration of the utility and validity of our statistical methodology research in helping improving human health.

[ICSA ACTIVITES AND OFFICE HELD] I am a board member of International Chinese Statistical Association, Midwest chapter. I helped organize the 2016 Chapter conference, and is in the organizing committee of 2017 Chapter conference. I am in the local organizing committee of 2017 ICSA Applied Symposium in Chicago.

[RELATED PROFESSIONAL ACTIVITIES] Since 2007 I have been PI of 3 NIH and AHRQ grants. I am currently associated editor of Statistics in Medicine and editorial board member of Journal of the National Cancer Institute and Frontiers in Addictive Disorders. I am standing member of NIH Biostatistical Methods and Research Design Study Section (2016-22), the only NIH study section focusing on biostatistical methodology development. I review grants frequently for NIH Health Services Organization and Delivery (9 times), Community-Level Health Promotion, and Health Disparities and Equity Promotion Study Sections. I also reviewed grants for Veteran Affairs Health System, American Heart Association, and Italian Ministry of Health (4 times).

I am member of ASA Committee of Representative, Section G (Biological Sciences) of The American Association for the Advancement of Science, 2017-2020; member of Educational Advisory Committee, International Biometric Society, Eastern North American Region 2013; member of Program Committee: Tenth International Conference on Health Policy Statistics, Chicago 2013. Finally, I am co-founder and co-chair of the Workshop on the Statistical Analysis of Multi-outcome Data: 1st Workshop: Université Pierre-et-Marie-Curie (Paris VI), Paris. July 2012; 2nd Workshop: Cambridge University, UK. July 2014; 3rd Workshop: People's University of China, Beijing. July 2016.

2. Qian (Michelle) Zhou

[PRESENT POSITION] Qian (Michelle) Zhou is an Assistant Professor of Statistics in the Department of Mathematics and Statistics at Mississippi State University (MSU).

[FORMER POSITION] Prior to moving to Mississippi with her family and joining MSU, Dr. Zhou was an Assistant Professor of Statistics in the Department of Statistics and Actuarial Science at Simon Fraser University. Prior to that, she was a Postdoctoral Research Fellow at Harvard School of Public Health.

[DEGREES] She earned a B.S. degree in Statistics from the University of Science and Technology of China, and an M.M. and a Ph.D. degree in Statistics from the University of Waterloo in Canada.

[HONOR] She was awarded Pierre Robillard Award (the best Ph.D. thesis award in Canada) of the Statistical Society of Canada (SSC) in 2010.

[MAJOR STATISTICAL ACTIVITIES] She is interested in fundamental questions related to model misspecification. How do we provide powerful tests for checking misspecification in hypothesized models? How do we establish robust statistical procedures for estimating parameters of interest regardless of correct specification of working models? How can these methods accommodate complications involved in clinical and genetic studies? Her research focuses on developing advanced statistical methods in survival analysis, longitudinal data analysis, risk prediction, and model diagnosis. She has published research articles, both theoretical and applied, in peer-reviewed journals.

[RELATED PROFESSIONAL ACTIVITIES] She was a member of the Pierre Robillard Award Committee of SSC in 2011, and a committee member of the “Workshop on Statistical Issues in Biomarker and Drug Co-development" in 2014. She organized an invited session at the conference “Data Science, Precision Medicine, and Risk Analysis with Lifetime Data” in 2017. She has also chaired many invited and contributed sessions at statistical conferences.

Candidates for 2018 Board of Directors

1. Chang, (Joyce) Chung-Chou H.

[PRESENT POSITION] (Joyce) Chung-Chou H. Chang is Professor of Medicine, Biostatistics, and Clinical and Translational Science at the University of Pittsburgh School of Medicine, and University of Pittsburgh Graduate School of Public Health. She is the Director of Biostatistics and Data Management Core of the CRISMA Center and Co-Director of the Section on Biomarkers and Prediction Modeling at the University of Pittsburgh.

[DEGREES] She received her PhD degree in Applied Mathematics from National Chiao-Tung University in Taiwan, a MS degree in Statistics and a PhD degree in Biostatistics both from the University of Pittsburgh.

[FIELD OF MAJOR STATISTICAL ACTIVITIES] She has a wide range of interests in theoretical and applied statistics, including time-to-event and longitudinal data analysis, joint modeling, causal effect modeling, design and analysis of observational studies and clinical trials, dynamic risk prediction, and subgroup analysis. As an applied statistician, she collaborates with clinical researchers locally and nationally developing new research protocols, preparing data analysis plans, and interpreting analysis results for biomedical studies and oversees data management and analyses of these studies. She has served as the lead statistician on numerous research projects and has been the statistical mentor for several career development projects.

Rather than limiting her role to applying traditional statistical methodology to projects. She actively encourages and promotes the use of the most up-to-date appropriate statistical methods. She has applied these methods to a wide range of investigations, including research on aging, HIV/AIDS, heart diseases, liver transplantation, health services research, and acute illness.

She is also committed in mentoring graduate students major in biostatistics, epidemiology, and medicine. She has been a thesis/dissertation advisor or co-advisor for 14 master students and 15 PhD students. She has served on master thesis or PhD dissertation committees for 71 students.

[PUBLICATIONS] She has published over 150 papers in peer-reviewed journals. Currently, she is a statistical advisor and an editorial board member for *International Psychogeriatrics* and a statistical consultant for *Circulation*.

[HONORS AND AWARDS] She was the 2016 Statistician of the Year selected by the Pittsburgh Chapter of the American Statistical Association, received 2015 Distinguished Alumni Award for Teaching and Dissemination from the University of Pittsburgh Graduate School of Public Health, and received 2011 Excellence in Teaching Award from the Institute of Clinical Research Education, University of Pittsburgh School of Medicine. At 2015, she was elected as a member of the Academy of Master Educators from the University of Pittsburgh School of Medicine.

[ICSA ACTIVITIES] She has first been a member of ICSA and attended the ICSA Applied Statistics Symposium at 1993 when she was a graduate student. Since then, she gives talks, constantly attends meeting talks, workshops, symposiums, and other related activities. Being a long-term member, she would like to have a chance to provide her service and contribute to the ICSA community.

[PROFESSIONAL SERVICES] She has participated in a number of activities from the statistical and medical organizations and societies at local, national, and international levels. These activities include being a reviewer for peer-review journals, conference abstracts and proposals, a panel reviewer for grant proposals, a chair or session chair of professional meetings, a seminar and workshop presenter, a member of Nominating Committee for the Society of Clinical and Translational Science, and a member of Waller Education Award Committee of the ASA.

2. Chu, Haitao

[PRESENT POSITION] Professor of Biostatistics (2017 – Present), School of Public Health, the University of Minnesota Twin Cities.

[FORMER POSITION] Prior to joining the UMN in 2010, he was an Assistant Professor, Department of Epidemiology, the Johns Hopkins University Bloomberg School of Public Health (2003-2007), a Research Associate Professor, Department of Biostatistics and Lineberger Comprehensive Cancer Center, the University of North Carolina Chapel Hill (2007 – 2010), and an Associate Professor of Biostatistics, School of Public Health, the University of Minnesota Twin Cities (2010 – 2017).

[DEGREES] Dr. Chu holds MD (1995) from West China University of Medical Science, MS (2002) and PhD (2003) degrees in Biostatistics from Emory University.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] Biostatistics, Epidemiology, Meta-analysis, Comparative Effectiveness Research, Evidence Based Medicine.

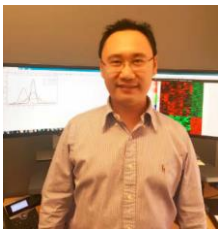
[PUBLICATIONS] Dr. Chu has published over 150 articles in peer-reviewed journals with over 7500 Google Scholar citations, including top statistical journals such as *Journal of American Statistical Association, Biometrics, Biostatistics, JRSS-C,* and top medical and epidemiology journals such as *New England Journal of Medicine, Journal of American Medical Association, Journal of National Cancer Institute, Journal of Clinical Oncology, American Journal of Epidemiology*, *Epidemiology, and International Journal of Epidemiology.*

[HONORS AND AWARDS] Dr. Chu is a Fellow of the American Statistical Association (2016) and an elected member of the Society of Research Synthesis Methodology (2016).

[ICSA ACTIVITIES] Dr. Chu has been both organizer and speaker at invited sessions at several ICSA conferences/symposiums.

[EDITORIAL SERVICES] Associate Editor for Statistics in Medicine since 2012 and American Journal of Epidemiology since 2013.

3. Li, Daniel



[PRESENT POSITION] Sr. Director, Head of Clinical Statistics and Statistical Programming at Juno Therapeutics.

[FORMER POSITION] Sr. Manager, Biostatistics, Gilead Science. Manger, Biostatistics, Allergan. Manager, Biostatistics, Cangene Corporation (acquired by Emergent Biosolutions).

[DEGREES] PhD and MSc in Statistics, and B.S. in Actuarial and Management Science from University of Manitoba

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] His research interests are in longitudinal data, measurement errors, Bayesian dose-finding trial design, and machine learning.

[PUBLICATIONS] He published more than 20 interdisciplinary research papers in various statistical and medical journals, including Biostatistics, Contemp Clin Trials, Statistics in Bioscience, CCR, NEJM, JCI and Sci. Transl. Med..

4. Li, Mark Chunming

[PRESENT POSITION] Mark is currently Senior Director and Biostatistics & Analysis department head in the Global Clinical Development & Medical Affairs group at Pfizer Consumer Healthcare Unit.

[FORMER POSITIONS] Mark held various statistician positions previously with Pfizer from 2004 to 2016 and with Eli Lilly and Company from 2000 to 2004, and he worked as Research Fellow in its Biostatistics Division at Indiana University School of Medicine from 1998 to 2000.

[DEGREES] Mark obtained his PhD degree in Mathematical Statistics from the University of Massachusetts at Amherst in 1999 and MS degree in Stochastic Processes from Nankai University (Tianjin, China) in 1990.

[FIELD OF MAJOR STATISTICAL ACTIVITIES] Clinical trials, drug safety monitoring and evaluation, Bayesian inference and empirical Bayes method, bootstrap methods, categorical data analysis, skewed data analysis, multiplicity, time-to-event methodology, clinical imaging data, adaptive designs, and information theory.

[PUBLICATIONS] Mark has published a number of papers in peer-reviewed statistical and other scientific journals, dealing with statistical methodology, clinical studies in neuroscience, pain, rheumatology and urology disease areas, as well as cardiovascular and gastrointestinal safety and evaluations.

[ICSA ACTIVITIES] Mark has been an ICSA member and participated in various ICSA activities for many years. He was an executive committee member for its Applied Statistics Symposium in New York in 2011, and gave a talk at ICSA Career Development Workshop for Future Statisticians at Columbia University Medical Center in 2016.

[RELATED PROFESSIONAL ACTIVITIES] Mark organized and chaired sessions and presented at statistical/professional conferences. In addition, Mark was a Global Health Fellow working with US CDC and China CDC in 2011 and collaborated with NGOs on developing training materials and conducting workshops. He has been an Adjunct Faculty member in the Statistics Department at Rutgers University since 2008.

5. Liu, Ching-Ti

[PRESENT POSITION] Associate Professor of Biostatistics at Boston University School of Public Health

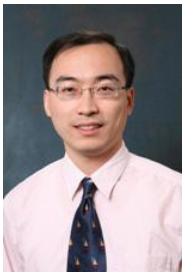
[DEGREES] PhD degree in Statistics from University of California, Los Angeles.

[FIELD OF MAJORS STATISTICAL ACTIVITIES] Dr. Liu's main area of research is statistical genetics and statistical applications to the biomedical research including genetics and genomics data. Specifically, he has worked on the issues of analysis of multiple phenotypes, gene-gene interaction, gene-environment interaction and meta-analysis. In addition to methodology development, he has also actively participated in couple of national/international-wide collaborative consortia in the identification of genetic variants associated to traits of interest.

[SELECTED PUBLICATIONS] Dr. Liu has published more than sixty peer reviewed manuscripts on various highly reputable journals, ranging from methodology to interdisciplinary journals, such as Journal of American Statistical Association (JASA), American Journal of Human Genetics (AJHG), Proceedings of the National Academy of Sciences (PNAS), Nature Genetics and Nature.

[RELATED PROFESSIONAL ACTIVITIES] Dr. Liu is a life member of ICSA. He has served as a Grant Reviewer for NIH and the Swiss National Research Foundation. He has also serves on the editorial board of Scientific Reports (from the publisher of Nature) and the NHLBI Observational Study Monitoring Board (OSMB). He has organized and chaired invited session in numerous professional meetings including ENAR and JSM.

6. Lu, Bo



[PRESENT POSITION] Associate Professor of Biostatistics, College of Public Health, The Ohio State University, Columbus, OH, USA

[FORMER POSITIONs] Assistant Professor of Biostatistics, Brown University, USA (2002-2005)

[DEGREES] Ph.D. in Statistics, University of Pennsylvania, 2002; B.S. in Probability and Statistics, Peking University, 1997.

[FIELD OF MAJOR STATISTICAL ACTIVITIES] Dr. Lu's major research interests include causal inference in observational studies, estimation of heterogeneous treatment effects, survey sampling and missing data analysis. He has developed statistical and computational methods for matching in complex study designs, i.e. multiple treatment groups, time-to-event and longitudinal data, and sensitivity analyses for unmeasured confounding.

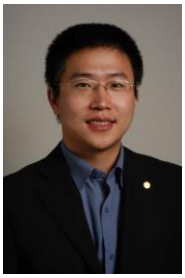
[PUBLICATIONS] Dr. Lu has published over 70 manuscripts in peer-reviewed statistics and scientific journals including Journal of the American Statistical Association, Biometrics, Journal of Computational and Graphical Statistics, Biostatistics, Statistics in Medicine, Journal of Statistical Computation and Simulation, The American Statistician, Sociological Methods and Research, Epidemiology, American Journal of Public Health, Journal of the American Heart Association, Circulation, etc.

[ICSA ACTIVITIES] Dr. Lu is a lifetime member of ICSA and has been an active participant of ICSA applied symposiums/conferences as invited speaker and session organizer since he joined ICSA in 2007.

[RELATED PROFESSIONAL ACTIVITIES] Dr. Lu has served on the program committee of ENAR 2017, the scientific organizing committee of International Conference on Health Policy Statistics in 2011 and 2013, the scientific committee of Stata conference 2015. He has also served as the associate editor for Journal of Statistical Computation and Simulation since 2011 and served as referee for numerous statistical journals. He has served as the external grant reviewer for NSF, PCORI and UK Medical Research Council. He has been the lead statistician for the Ohio Medicaid Assessment Survey series since 2008 (five waves), which is one of the largest state-level population health surveys. His methodology research is funded by NIH, AHRQ and PCORI.

[STATEMENT] I am very grateful and honored to be nominated. I am looking forward to making contributions in strengthening the ties and expanding the impact of ICSA with Midwest statistical communities.

7. Wenbin Lu



[PRESENT POSITION] Wenbin Lu is a Professor in Department of Statistics at North Carolina State University.

[DEGREES] He earned a B.S. degree in Probability and Statistics from Peking University in 1999 and a Ph.D. degree in Statistics from Columbia University in 2003.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] His research interests include statistical and machine learning methods for precision medicine, high-dimensional data analysis,

semiparametric/nonparametric methods, survival analysis, longitudinal data analysis and statistical genetics.

[PUBLICATIONS] He has published over 60 articles in peer-reviewed statistical and biomedical journals, including *Biometrika, JASA, JRSS-B, Annals of Statistics, Biometrics, Biostatistics, Statistica Sinica, Annals of Applied Statistics, Statistics in Medicine and Statistical Methods in Medical Research*. His research in survival analysis, semiparametric inference, variable selection and optimal treatment regime estimation is broad and profound.

[ICSA ACTIVITES AND OFFICE HELD] He served the ICSA Board of Directors (2013-2015) and was selected as the Program Chair for the 2019 ICSA Applied Statistics Symposium that will be held in Raleigh, NC. In addition, he had organized various invited sessions for the ICSA Applied Statistics Symposiums and other ICSA sponsored conferences.

[RELATED PROFESSIONAL ACTIVITIES] He serves as an Associate Editor for various statistical journals, including *Biostatistics* (since 2010), *Biometrics* (since 2012) and *Statistica Sinica* (since 2014). He had reviewed papers for more than 30 statistical and medical journals, and helped to review proposals for various funding agencies, including NIH, NSA, Austrian Science Fund, U.S.-Israel Bi-national Science Foundation and Hong Kong Research Grants Council. In addition, he had organized and chaired invited and topic contributed sessions for various statistical conferences, like JSM and ENAR.

8. Ma, Yan

[Present Position] Associate Professor of Biostatistics (with tenure)**;** Associate Director of the Biostatistics and Epidemiology Consulting Service; Department of Epidemiology and Biostatistics, Milken Institute School of Public Health, The George Washington University (2014-present)

[Former Positions] Assistant Professor of Biostatistics, Weill Medical College of Cornell University (2010-2014); Assistant Scientist, Hospital for Special Surgery (2010-2014); Instructor of Biostatistics, Weill Medical College of Cornell University (2008-2010); Instructor of Biostatistics, Hospital for Special Surgery (2008-2010)

[Degrees] PhD in Statistics, University of Rochester, 2008; MA in Statistics, University of Rochester, 2004; MS in Mathematics, Syracuse University, 2003; BS in Statistics, Beijing Normal University, 2001

[Field of Major Statistical Activities] Dr. Ma's research interests in statistical methodology center on non-parametric methods, meta-analysis, causal inferences, longitudinal data analysis, and missing data problems. He has developed novel non-parametric statistical methods for estimation of higher order moments based on U-statistic. These methods have been applied to the estimation of inter-rater reliability (e.g., Kappa coefficient, concordance correlation

coefficient) and correlation (e.g., Kendall's tau) in longitudinal data settings with missing data. Dr. Ma has also innovatively developed a robust statistical method for multivariate meta-analysis. He is specialized in analysis of national administrative databases and has helped make impressive advancements in the study of perioperative outcomes after orthopedic surgery using national administrative data sources such as the HCUP databases. He is the PI of an AHRQ R01 grant for the development and application of statistical methods for missing data in health services research. Dr. Ma has extensive experience collaborating with researchers from a broad range of fields in medicine, including anesthesiology, biomechanics, orthopedics, pediatrics, psychiatry, radiology, and rheumatology. He provides statistical consulting assistance in study design, grant proposal, and data analysis utilizing rigorous statistical methods.

[Selected Publications] Dr. Ma has authored 95 peer-reviewed publications and four book chapters with a total of at least 2,500 citations in Google Scholar. These publications include 20 statistical methods papers and 75 biomedical and health services research papers in top journals such as Biometrics, Statistics in Medicine, Psychometrika, JAMA, Anesthesiology, Anesthesia & Analgesia, Circulation Research, Clinical Orthopaedics and Related Research, Journal of Bone & Joint Surgery, Regional Anesthesia and Pain Medicine. Here are three representative publications: Detry MA, Ma Y (2016). Analyzing repeated measurements using mixed models. JAMA 2016; 315(4): 407-408. (2) Ma Y, Mazumdar M (2011): Multivariate meta-analysis: a robust approach based on the theory of U-statistic; Stat Med. 30(24):2911-29. (3) Ma Y, Tang W, Feng C, Tu XM (2008): Inferences for kappas for longitudinal study data: applications to sexual health research; Biometrics. 64:781-789. In addition, he published a book chapter (Ma Y, Zhang W, Chen D. Meta-analytic methods for public health research, Innovative Statistical Methods for Public Health Data, Springer 2015) in ICSA Book Series in Statistics.

[Honors and Awards] Team Science Award jointly awarded by the American Federation for Medical Research, the Association for Clinical Research Training, the Association for Patient Oriented Research and the Society for Clinical and Translational Science. Young Investigator Award, Statistics in Epidemiology Section, American Statistical Association. Elected Fellow of American College of Chest Physicians (FCCP)

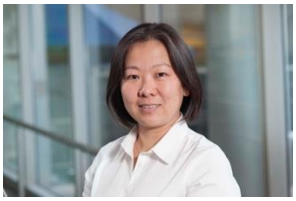
[Editorial Services] Statistical Editor of Anesthetic Plastic Surgery (2009-2014); Section Editor of SM Journal of Biometrics Biostatistics (2015- present)

[ICSA Activities] Dr. Ma was the instructor of a short course titled "Applied meta-analysis using R" in ICSA 2016 Applied Statistics Symposium, Atlanta, GA. He also gave an invited talk titled "Recent developments in multivariate meta-analysis and a robust approach based on the theory of U-statistic" in ICSA 2012 Applied Statistical Symposium Association, Boston, MA.

[Related Professional Activities] Dr. Ma has chaired and organized several sessions in the Joint Statistical Meetings (JSM) of the American Statistical Association (ASA). He is also a founding member and chair of the Junior Statistician Mentoring Program (JSMP) Committee, Section on Statistics in Epidemiology, American Statistical Association. The JSMP was established as a mentoring relationship to provide junior statisticians with an opportunity to realize both their personal and professional development goals. He taught a short course titled "Quantitative tools for evidence-based public health" in the 2016 American Public Health

Association Annual Meeting. He has served as an external reviewer for many medical and statistical journals including Biometrics; Statistics in Medicine; Biostatistics; Journal of Applied Statistics; Psychology and Aging; Journal of Bone and Joint Surgery; Anesthesiology; Journal of Orthopedic Research; CHEST; Psychological Method, Circulation; The Laryngoscope; The HSS Journal; and PLOS ONE.

9. Lixuan Qin



[PRESENT POSITION] Associate Attending Biostatistician, Memorial Hospital for Cancer & Allied Diseases, New York, NY; Associate Member, Memorial Sloan Kettering Cancer Center, New York, NY

[FORMER POSITIONS] Assistant Attending Biostatistician (2005-2014), Memorial Hospital for Cancer & Allied Diseases, New York, NY; Assistant Member (Level I) (2005-2008), Assistant Member (2008-2014), Memorial Sloan Kettering Cancer Center, New York, NY

[DEGREES] PhD in Biostatistics (2005), University of Washington, Seattle, WA; MS in Biology (2000), University of Iowa, Iowa City, IA; BS in Biology (1997), Nankai University, Tianjin, P.R. China

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] Cancer genomics, statistical genomics, and reproducible research. Dr. Qin combines her basic science knowledge and statistical expertise to devise novel study designs and stochastic models for cancer genomics data. Her methodological research currently focuses on the reproducible statistical translations of genomics data via careful study design and proper data preprocessing, supported by an NIH R01 grant. She has recently led studies to demonstrate (1) the logistic feasibility and level of scientific benefits of using careful study design such as blocking and randomization for molecular biomarker discovery, (2) the over-looked interplay between study design, data normalization, and (cross-validation-based) error estimation for molecular classifier development, and (3) the empirical evidence and biological interpretation that support the gamma distribution as a better model for RNA sequencing data stochasticity. At MSKCC, her collaborative work has involved clinical and translational studies on various topics including molecular biomarker discovery, prognostic and predictive modeling, and clinical trial design. In particular, she was Co-Director of the Biostatistics and Bioinformatics Core in the Soft Tissue Sarcoma Specialized Program of Research Excellence.

[PUBLICATIONS] Dr. Qin has published more than seventy peer-reviewed research articles in prestigious statistical, bioinformatics, and medical journals, including *Biometrics*, *Statistical Applications in Genetics and Molecular Biology*, *Nucleic Acids Research*, *Nature Methods*, *Nature Genetics*, *Cancer Discovery*, *Lancet Oncology*, *JAMA Oncology*, and *Journal of Clinical Oncology*. Three of her recent methodological papers are "*Blocking and randomization to improve molecular biomarker discovery*" (Qin LX, et al.) *Clinical Cancer Research*, 2014; "*Cautionary note on using cross-validation for molecular classification*" (Qin LX, Huang HC,

Begg CB), *Journal of Clinical Oncology*, in press; "*Empirical insights into the stochasticity of small RNA sequencing*" (Qin LX, Tuschl T, Singer S), *Scientific Reports*, 2016. The full list of her publications can be found at https://www.mskcc.org/profile/li-xuan-qin.

[HONORS AND AWARDS] Rosetta Fellowship, University of Washington, 2004; AAMC Early Career Women Faculty Seminar, 2011

[ICSA ACTIVITIES] Dr. Qin has organized and chaired five invited sessions at four ICSA Symposiums or sponsored meetings since 2014.

[RELATED PROFESSIONAL ACTIVITIES] Dr. Qin served as a Grant Reviewer for the NIH, NSF, French National Research Agency, and Cancer Research UK, and as Lead Guest Editor for two special issues of *Caner Informatics*. She has organized invited session for JSM (2013-2017) and ENAR (2015). She serves as the External Advisor for Cancer.Net Sarcoma Panel.

10. Tang, Niansheng

[**PRESENT POSITION**] Niansheng Tang is Yangtze River Scholars Distinguished Professor of Statistics in the Department of Statistics at the Yunnan University, China. He is the Dean of School of Mathematics and Statistics at the Yunnan University.

[**DEGREES**] He earned a B.S. degree in Mathematics Education from Chongqing Normal University in China, and an M.S. degree in Probability and Mathematical Statistics from Yunnan University in China, and a Ph.D. degree in System Engineering from Southeast University in China.

[**HONORS AND AWARDS**] He is an elected member of the International Statistical Institute (2016), Outstanding Contributions to the National Middle-aged and Young Experts of china (2016), Yunnan Province Science and Technology Leader Talent of China (2015), Yangtze River Scholars Distinguished Professor of China (2013).

[**FIELDS OF MAJOR STATISTICAL ACTIVITIES**] His research interest includes nonlinear regression models, empirical likelihood, estimating equations, nonignorable missing data, longitudinal data, structural equation models, statistical diagnostics, biostatistics, survival data analysis, Bayesian statistics, high-dimensional data. He has served as a member of Institute of Mathematical Statistics in China (2008-2012), is currently Associate Editor of Statistics and Its Interface, Member of Editorial Board of Journal of Systems Science and Complexity, President of Yunnan Provincial Institute of Applied Statistics.

[**PUBLICATIONS**] He has published over 120 papers in peer-reviewed journals, including JASA, Biometrika, Biometrics, Biostatistics, Statistics in Medicine, Statistica Sinica.

[**ICSA ACTIVITES AND OFFICE HELD**] He served on the life member of the International Chinese Statistical Association in 2016, the Scientific Committee of 2016 ICSA Conference on Data Science, the 10th ICSA International Conference on Global Growth of Modern Statistics in the 21st Century, and 2017 ICSA China Conference with the focus on Lifetime Data Science. He is a permanent member of ICSA.

11. Zheng, Yingye

[PRESENT POSITION] Yingye Zheng is a Full Member at the Fred Hutchinson Cancer Research Center and an Affiliate Professor in Department of Biostatistics at University of Washington.

[DEGREES] She earned a B.S. degree in Psychology from Peking University in 1992 and a Ph.D. degree in Biostatistics from University Washington in 2002.

[FIELDS OF MAJOR STATISTICAL ACTIVITIES] Her research interests include design and analysis of biomarker studies, outcome prediction for precision medicine, semiparametric/nonparametric methods, survival analysis and longitudinal data analysis.

[PUBLICATIONS] She has published approximately 100 articles in peer-reviewed statistical and biomedical journals, including *JASA, Biometrics, Biostatistics, Life Time Data Analysis and Annals of Applied Statistics*. Her research in statistical methods for outcome prediction and biomarker validation has profound impact in medical practice.

[ICSA ACTIVITES AND OFFICE HELD] She has been an ICSA member since 2005 and had organized various invited sessions for the ICSA Applied Statistics Symposiums and other ICSA sponsored conferences. She also served as a member of the scientific committee for ICSA applied statistical symposium.

[RELATED PROFESSIONAL ACTIVITIES] She served as an Associate Editor for *Biometrics* (2011-2013) and *Statistics in Bioscience* (since 2015). She is a Standing member of Cancer Biomarker Study Section, Center for Scientific Review (2015 – 2021). In addition, she had organized and chaired invited and topic contributed sessions for various statistical conferences, including JSM and ENAR.