



Shanghai Biostatistics Forum (SBF) 4th Event, 2010
(<http://www.shsbf.cn/main.htm>)

Date and Time:

Thursday, Dec 9, 2010, 2:00pm-5:30pm

Location :

上海市国顺路 670 号复旦大学管理学院史带楼 友邦堂 (交通指南附后)
AIA Hall, Starr Building, School of Management, Fudan University
670 Guoshun Rd., Shanghai 200433 (See Direction below)

Local Sponsor:

Department of Statistics, Fudan University

Attendee:

Open to everyone who is interested.

Theme:

Statistics without Border

Agenda:

- Introduction and Welcome Remarks
Dr William Wang, Head of the Asia Pacific Hub, Biostatistics and Research Decision Sciences, Merck Research Laboratories, Merck & Co Inc
Professor Ming Zheng, Head of the Dept of Statistics, Fudan University
- Presentations:
 1. American Statistics Association and its roles in Promoting Statistics Profession 20 min
Dr Sastry Pantula, Head of the Department of Statistics, North Carolina State University and President of the American Statistics Association (ASA)
 2. Life as an Academia Statistician with Case Study in Pediatric Obesity Studies 20 min
Dr. Renee Moore, Dept of Biostatistics, School Of Medicine, University Of Pennsylvania
 3. Life as an Industry Statistician 20 min
Dr. Ivan Chan, Senior Director, Biostatistics and Research Decision Sciences, Merck & Co Inc and President-Elect, International Chinese Statistics Association (ICSA)
 4. The Role of Statistical Methodology–Shaping and Influencing Decision Making 20 min
Dr Frank Bretz, Senior Director, Statistics Methodology, Novartis Inc
 5. Statistics Education in Fudan 20 min
Professor Shusong Jin, Department of Statistics, Fudan University
- Town-hall Discussion: Promoting Statistics Education and Profession 60 min

Web site and mailing list announcement:

Dr Zibao Zhang, Excel PharmaStudies Inc
Mr Zhichao Jin, Second Military Medical University

Local organizer and contacts:

Dr Zhiguo Xiao (肖志国)
Department of Statistics, School of Management, Fudan University
Room 709 Siyuan Building, 670 Guoshun Rd., Shanghai 200433
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Cell: 13701967693
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承办单位: 上海复旦大学统计系
会议地点: 上海市国顺路 670 号复旦大学管理学院史带楼友邦堂
联系电话: 86-21-25011236; 86-21-25011226

Direction:

- 1) By Metro Line 3, 8: stop at Hongkou Football Stadium Station, then take Bus 139, 854 to Fudan University Stop. Walk around 100m to the School of Management.
- 2) By Metro Line 3: stop at Dabaishu Station, then either take the taxi or take Bus 133, 966, 866, 59 to Fudan University Stop. Then walk around 100m to the School of Management.
- 3) By Taxi: tell the taxi driver to stop at the intersection of Guoshun Road and Handan Road.
- 4) By Bus: please consult www.mapbar.com

Note: The gate of the School of Management is on Guoshun Road, and it is very close to the intersection of Handan Road and Guoshun Road.

交通:

- 1、轨道 3 号或 8 号线: 至虹口足球场站下, 转乘公交 139 或 854 路, 到复旦大学站下. 步行约 100 米到复旦大学管理学院.
- 2、轨道 3 号线: 至大柏树站下, 转乘公交 133, 966, 866 或 59, 到复旦大学站下. 步行约 100 米到复旦大学管理学院.
- 3、打的: 告诉司机前往在国顺路与邯郸路的交界处.
- 4、公交: 请咨询 www.mapbar.com

附注: 复旦大学管理学院的大门在国顺路上, 非常靠近国顺路与邯郸路的交界处



Statistical Science Delegation to China

**Delegation Leader: Sastry Pantula, Ph.D. & Ronald Wasserstein, Ph.D.
President, American Statistical Association &
Executive Director, American Statistical Association**

PROFESSOR SASTRY G. PANTULA, LEADER

President
American Statistical Association
Raleigh, North Carolina, USA

Sastry Pantula is currently the Head of the Department of Statistics at North Carolina State University. He was previously Director of the Institute of Statistics, Assistant Head of the Department of Statistics and Director of Graduate Programs and Professor at North Carolina State University.

He is a member of Phi Kappa Phi, Sigma Xi and Mu Sigma Rho, as well as President-Elect of the American Statistical Association, in 2009 and President in 2010. He is a member of ASA, IMS, IISA, ICOSA, ISI, ENAR, SIAM, AMS, ISA and has been a board member of ASA since 2005.

Professor Pantula received the Department Head Award from SAA-PAMS in 2005 and 2008, the Young Statistician Award in 2002 from the International Indian Statistical Association, the D.D. Mason Faculty Award in 2001 and was named an Outstanding Teacher at North Carolina State University in the spring of 1986. He was a Fellow of the American Statistical Association in August 2002, is a member of the NCSU Academy of Outstanding Teachers and received the George Snedecor Award for the most outstanding PhD candidate in 1981 from the Department of Statistics at Iowa State University in Ames, Iowa.

He was a Member Auditor of the 2009 International Statistical Institute, a 2008 Chair for the Business and Economics Section of ASA and was Program Chair in 2000 for the JSM Business Economics Section of ASA. He was also the Publications officer from 2001-2004 for the Business Economics Section of ASA, a member of COPSS award for a young Statistician from 2002-2005 and Treasurer for NISS in 2004 and ASA from 2005-2008.

DR. RONALD WASSERSTEIN, CO-LEADER

Executive Director
The American Statistical Association
Alexandria, Virginia, USA

Ronald Wasserstein is the Executive Director of the American Statistical Association, a position he had held since 2007. From 1984-2007, he was a faculty member and administrator at Washburn University. From 2000-2007 he served as the university's Vice President for Academic Affairs. He was also Professor of Statistics in the Department of Mathematics and Statistics at Washburn.

He received his Ph.D. in Statistics from Kansas State University in 1987 and his MS in Statistics in 1984. He earned his BA in Mathematics from Washburn University in 1978.

A Fellow of the ASA, Dr. Wasserstein has served as chair of the ASA Section on Statistical Consulting and the ASA Section on Statistical Education. He has been chair of the Council of Chapters Governing Board, and also served twice as a member of the ASA program committee. From 2001-2003, he was a member of the ASA's Board of Directors.

He has received numerous professional and civic awards. He is currently President of Kappa Mu Epsilon National Mathematics Honor Society and serves on the Board of Directors of MATHCOUNTS.

DR. DAVID M. BORTH

Retired
Waterloo, Ontario, CANADA

David Borth was a Statistical Analyst and Manager Mathematical Services and Research Fellow at Chemtura Co./Cie.

He is a Senior member of the American Society for Quality and a member of the American Statistical Association.

Dr. Borth consulted on experimental design and statistical analysis for process improvement, formulations development, measurement systems, toxicology, chemical residue and agricultural field experiments; taught statistical methods, statistical experimental design and statistical process control in Canada, the U.S. and the U.K.; managed the development and maintenance of large chemical structure and biological activity databases for crop protection research, as well as systems for storage, retrieval and analysis of process quality data and agricultural field experiments; analyzed a major national market basket survey of pesticide residues in fresh and canned fruits in the U.S. and prepared report for the U.S. EPA; developed statistical models for prediction of activity from chemical structure (QSAR models), to guide synthesis chemists in finding biologically active compounds; developed successful statistical models and computer

programs for analysis of warranty claims (lifetime data); developed useful demographic and time series models for forecasting; developed operations research model for early removal of item used in manufacturing, resulting in significant cost savings due to reduction in process scrap; led two successful Six Sigma projects, both of which generated significant cost savings; developed and maintained software for the simulation of heat conduction and chemical reactions; and carried out mixed model analysis using a large database to estimate effects of health traits in dairy cattle on milk fat and protein yields.

He would like to discuss:

- Statistical methods in quality improvement
- Experimental design methodology for product and process improvement
- Statistical models for developing active molecules for agricultural and pharmaceutical applications

PROFESSOR FRANK BRETZ

Global Head Stat. Meth. Group
Novartis,
Basel, SWITZERLAND

DR. IVAN SIU FUNG CHAN

Senior Director
Merck & Co.
Dresher, Pennsylvania, USA

Ivan Siu Fung Chan is Senior Director and Global Franchise Head of Late Development Statistics, Merck Research Laboratories (known as Merck Sharp and Dohme in China). He led the statistical team that supports clinical development of all vaccine research programs. His areas of expertise are in clinical trial methodologies, non-inferiority trial designs and analysis, exact inference.

He is the President-Elect of the International Chinese Statistical Association, and Executive Director of the International Society of Biopharmaceutical Statistics. He is also a member of the American Statistical Association, International Biometric Society, and Society for Clinical Trials.

Dr. Chan successfully led several vaccine projects from development to licensure and published articles in clinical trial methodologies, analysis of non-inferiority trials, exact inference, and correlate of protection in vaccines. He chaired or Co-chaired scientific meetings (such as FDA/Industry Statistics Workshop, Society for Clinical Trials annual meeting, International Symposium on Biopharmaceutical Statistics). He also served as External Advisor to University of Hong Kong, taught courses at universities and scientific meetings and directed Ph.D. dissertation research.

He would like to discuss:

- The statistics profession in pharmaceutical industry and regulatory settings (need for statisticians, what and how the development and training of statisticians are provided)
- Opportunities for partnership/collaboration between industry and academic, and between statisticians in the US and statisticians in China

MR. FRANK DAVID DE MEO

Statistician
Abbott Vascular
Sun City, California, USA

PROFESSOR BONNIE DUMAS

Assistant Professor
Medical University of South Carolina
Charleston, South Carolina, USA

PROFESSOR DON EDWARDS

Professor
University of South Carolina
Columbia, South Carolina, USA

MR. DANIEL J. HAYES

Chicago, Illinois, USA

DR. CARLOS FELIPE HENRIQUEZ-ROLDAN

Statistician
Universidad de Valparaiso
Valparaiso, CHILE

PROFESSOR GUDMUND R. IVERSEN

Professor
Swarthmore College
Swarthmore, Pennsylvania, USA

Gudmund Iversen is a Professor of Statistics.

He is a member of the American Statistical Association and Sigma Xi.

Professor Iversen has several published books and articles.

He would like to discuss:

- Teaching statistics

MR. DENNIS KUNIMURA

Layton, Utah, USA

Dennis Kunimura is employed with Boart Longyear, a global drilling services company as Senior Operations Analyst. His primary area of expertise involves developing key operational, financial and performance metrics for global operations. His previous experience has been as Chief Actuary for the State of Utah health program.

He is a member of the American Statistical Association, Society of Actuaries, American Society for Quality, American Economic Association, and the Society for American Baseball Research.

Mr. Kunimura was appointed to State of Utah Defined Contribution Risk Adjuster Board (2009) for Health System Reform in the State of Utah; was presented at the Society of Actuaries annual conference (2003) on Children's Health Insurance Pool (CHIP) for Utah; and has given numerous other presentations on predictive modeling techniques.

He would like to discuss:

- As China's economy expands, how is China responding to the need to monitor and track performance of various industry groups?
- What other types of professional exchanges exist in China to share knowledge between countries?
- What risks does China see in the future as its economy expands?

PROFESSOR MIKE H. KUTNER

Professor

Emory University

Decatur, Georgia, USA

Mike Kutner reviews grants for Shriner's Hospital; does clinical trials; applies linear statistical models; and works in statistical education. He is a Rollins Professor of Biostatistics at the Rollins School of Public Health at Emory University.

He is a member of the American Statistical Association; Society for Clinical Trials; and the Biometric Society.

Professor Kutner is a Fellow of the ASA, received the Paul Minton Service Award, Thomas Sellers Award from Emory University and received the Pfizer/APHA Distinguished Scholar Award for Teaching.

He would like to discuss:

- Graduate exchange program in public health
- Graduate degree programs in biostatistics
- Development of clinical trials in China

PROFESSOR PETER ANTHONY LACHENBRUCH

Professor of Public Health
Oregon State University
Corvallis, Oregon, USA

Peter Lachenbruch is Professor of Public Health at Oregon State University, was President of the American Statistical Association in 2008 and is currently the President of WNAP, IBS.

He is a member of IMS, ASA and IBS.

Professor Lachenbruch has been a professor at UNC, Iowa, UCLA and OSU, was the Division Director of Biostatistics for FDA and is a Fellow of ASA.

He would like to discuss:

- Teaching for non-statisticians
- Generalizing results from clinical trials
- Patient reported outcomes

PROFESSOR CAROL JEAN LANCASTER

Professor Emerita
Medical University of South Carolina
Charleston, South Carolina, USA

Carol Lancaster's special interests are test item design, test statistics, and questionnaire design. At this time, she is responsible for completing state-required reports and commercial surveys for the university in addition to assisting with mandated federal reports and various programs' reaffirmation of accreditation activities.

She has been a member of the American Statistical Association for more than 35 years. Her professional societies include Mu Sigma Rho (national statistics honorary society), Pi Mu Epsilon (national mathematics honor society), and Sigma Xi (scientific research society).

Professor Lancaster has written or coauthored more than forty peer-reviewed papers; presented workshops on test design and on interpreting item statistics; made presentations on a variety of topics at professional meetings (including AERA, APHA and ASA); served as a pre-publication reviewer for the ten-volume The Survey Kit (2nd edition); was a project evaluator for two grants and an external evaluator for two grants; served on the Committee on ASA Archives and Historical Materials (2003-08, chair 2007-08).

She would like to discuss:

- Proper techniques for writing test items, interpreting test statistics, and writing survey items
- Promoting general statistics education for all college majors

- Importance of statistical literacy

PROFESSOR KEH-SHIN LII

Professor
University of California, Riverside
Riverside, California, USA

PROFESSOR YUHLONH LIO

Professor
University of South Dakota
Vermillion, South Dakota, USA

Yuhlonh Lio is serving as AP reader in statistics for ETS. He is an associate editor for the Journal of Statistical Computation and Simulation as well as Editorial Advisory Board for International Journal of Multiple Research Approaches. Currently, he is a Professor of Department of Mathematical Sciences at University of South Dakota. His duty is teaching and doing research in statistics. His research areas are in survival analysis, clinical trials, quality control, industrial life testing's and reliability.

He is a member of Institute of mathematical Statistics, a member of American Statistical Association, and Professor of Mathematical Sciences at University of South Dakota.

Besides having published many research papers, Professor Lio has been attending the joint statistical meetings to present papers, gave a Survival Workshop presentation at Department of Mathematics, University of Louisiana. Lafayette. He had served as a referee for eleven international journals in statistics, including the Annals of Statistics, the Scandinal Journal of Statistics, Journal of Nonparemtric Statistics, etc. He has been a member of the project group to develop a simulation model for the prediction of South Dakota Prison Populations for the Correction Department of South Dakota. He has done many statistical consulting in medical sciences, biology and social sciences. He has also been invited as speakers for many universities in Taiwan.

He would like to discuss:

- General statistics education to all majors in college (to make statistics to be accepted as a tool by general population in academic, industry, government, etc)
- Joint research opportunity (to establish research exchanges and funding sources)
- Exchange program between USA and China (to establish joint-degree programs between universities from USA and China)

MRS. JUANITA T. LOTT

Demographer
Tamayo Lott Associates
San Francisco, California, USA

PROFESSOR GEORGE P. MCCABE

Professor
Purdue University
West Lafayette, Indiana, USA

MR. LYMAN L. MCDONALD

Statistician
Western EcoSystems Technology, Inc.
Laramie, Wyoming, USA

DR. JEFF B. MEEKER

Western Washington University
Bellingham, Washington, USA

PROFESSOR RENEE H. MOORE

Assistant Professor
University of Pennsylvania
Gloucester City, New Jersey, USA

Renee Moore is an Assistant Professor of Biostatistics at the University Of Pennsylvania School Of Medicine. She is a collaborative biostatistician whose current focus is in the areas of clinical trials (design, analysis, data coordinating centers) and obesity research.

She is a member of the International Biometric Society (IBS), ENAR of IBS, American Statistical Association, The Society for Clinical Trials, The Obesity Society; and is a Post Graduate Fellow of the UNCF Mellon May Research Fellows Programs.

Professor Moore has collaborative publications in a breadth of clinical areas; has co-led or was the only Biostatistician on 6 clinical trials; and was co-chair of ENAR Fostering Diversity on Biostatistics Workshop. She was also a formal and informal mentor of student ranging from undergraduate to graduate/medical students and fellows.

She would like to discuss:

- Statistical literacy
- Statistics education
- Collaborations and/or sharing of data
- Diversity in biostatistics

MS. JERI METZGER MULROW

Arlington, Virginia, USA

Jeri Mulrow is an applied statistician with over 25 years of experience. Her areas of specialty include statistical sampling and estimation; quality improvement and process review; statistical standards; and survey design and survey methodology for

establishment surveys. She is currently Senior Mathematical Statistician in the Division of Science Resources Statistics at the National Science Foundation.

She is a member of the American Statistical Association-Board of Directors (2009-2010), American Society for Quality-Senior member, and American Association for Public Opinion Research.

Ms. Mulrow co-lead on the development of the new Business Research and Development and Innovation Survey leading to a new data series with never before data on worldwide Research and Development expenditures and company innovation practices. She was instrumental in bringing statistical sampling techniques for estimating state and local taxes by working with state authorities to educate them on the advantages and limitations of statistical sampling.

She would like to discuss:

- The U.S. Federal Statistical System
- Survey design and survey methodology

DR. PAULA K. NORWOOD

Retired

Inglewood, Florida, USA

Paula Norwood is retired as Johnson and Johnson's Vice President of Global Biostatistics and Data Processing. Her expertise is in statistical study design, drug development, and analysis of clinical research data.

She is a member and Fellow of the American Statistical Association, has held offices as Chair and Program Chair of the Biopharmaceutical Section; and is a past member of the Biometric Society, ENAR, Council, International Biometric Society, and the Drug Information Association.

Dr. Norwood established the Statistics Department within Ortho Pharmaceutical Corporation, established the consolidated Statistics and Data Processing Department for a major pharmaceutical research division within Johnson & Johnson and contributed to the development of more than 20 new pharmaceutical products.

She would like to discuss:

- Education and continued development of professional statisticians to support medical research
- Collaboration of statisticians with medical researchers

DR. JERRY LEON OGLESBY

Statistician

SAS Institute, Inc.

Raleigh, North Carolina, USA

PROFESSOR FRANZ CHRISTIAN PALM

Professor
Maastricht University
Eupen, BELGIUM

Franz Palm's area of expertise is Econometrics. He works on time series and panel data methods. He currently holds a research professorship in econometrics at (Maastricht University) from the Royal Netherlands Academy of Arts and Sciences. He has been dean of the School of Business and Economics for almost eight years

He is a member of ASA, Econometric Society, American Finance Association, European Economic Association, Dutch Economic Association, and the Netherlands Statistical Association.

Professor Palm has been a Professor of Econometrics for more than 30 years at Free University Amsterdam first and currently at Maastricht University , visiting professor at the University of Louvain and at the Graduate School of Business, University of Chicago, Fulbright scholar, founding co-editor J. of Empirical Finance, former assistant editor JBES, assistant editor of J. of Econometrics, foreign member of the Netherlands Academy for Arts and Sciences, fellow of ASA, and a fellow of the European Economic Association.

He would like to discuss:

- Teaching statistics and econometrics to business and economics students
- Student exchange
- Research collaborations

PROFESSOR WILLIAM S. PAN

Professor
University of New Haven
Woodbridge, Connecticut, USA

William Pan is a statistical professor at University of New Haven for more than 30 years. His professional interest and expertise are statistical education at college level and improved statistical literacy for the general public

He is a member of the American Statistical Association and is affiliated with the University of New Haven.

Professor Pan would like to discuss:

- Statistical education at a college level
- Statistical literacy
- Economic statistics

DR. ANURADHA ROY

Associate Professor
University of Texas at San Antonio
San Antonio, Texas, USA

DR. JOLAYNE W. SERVICE

Dean Academic Program Planning
Retired
Mission Viejo, California, USA

From 1991 to 2006, Jolayne Service served the 23-campus California State University system as State University Dean, Academic Program Planning. Among her responsibilities were oversight of the review and approval of new degree programs at the bachelor's, master's, and doctoral levels; development and implementation of systemwide general education policy; and coordination with other statewide institutions on selected academic initiatives. Since her retirement in 2006, she has acted from time to time as a special consultant to the system and its campuses.

She is a life member of the American Statistical Association and a member of the Caucus for Women in Statistics. Previously, she served on the Board of Directors of the California Biomedical Research Association, the Board of Directors of the Mathematics Engineering Science Achievement Program, the University of California/California State University Joint Graduate Board, and several other higher-education-related groups.

As an instructor in the Department of Statistics, North Carolina State University, Dr. Service authored the first user's guide to the Statistical Analysis System (SAS) in 1972. She was co-editor of "Modular Instruction in Statistics," a 1976 project of the American Statistical Association. She has written on statistics education and statistical thinking in children and adults. Since joining the California State University system office in 1981, her accomplishments have been primarily administrative in nature, with an emphasis on curricular matters across the university.

She would like to discuss:

- How can education in statistics and education in fields of application best be integrated at the college level?
- How can statisticians effectively promote good probabilistic and statistical understanding among the population at large?
- How can public appreciation of the value of good statistical practice be enhanced?

DR. AARTI S. SHAH

Vice President
Eli Lilly and Company
Indianapolis, Indiana, USA

PROFESSOR JOSEPH N. SKWISH

Wellness Consultant
Wilmington, Delaware, USA

Joseph Skwish has been a Certified Wellness Home Consultant since 2000, working with pain, sleep, illness and alternatives to surgery and pharmaceutical drugs. He was a Senior Consultant in Experimental Design, Statistical Analysis in Research Production and Quality Control for 31 years.

He a member of the Delaware Academy of Medicine, Delaware and American Statistical Association (Fellow), is an Instructor at the University of Delaware, is a Senior Member of the American Society for Quality and is a past member of the Institute of Mathematical Statistics.

Professor Skwish has assisted in research in obtaining patents for novel, valuable products; has designed waste treatment plants for toxic chemicals and other wastes; has improved productivity of manufacturing processes and improved product quality; improved health of individuals and reduced their pain and improved sleep; and has developed standards for increasing statistical literacy in Delaware schools.

He would like to discuss:

- Chinese approach to people wellness as compared to the west
- Recidivism of criminals repeated return to prison-effectiveness of rehabilitation
- Environmental economics, balancing growth of industrial manufacturing with cleaning the environment

DR. SANDRA S. STINNETT

Biostatistician
Duke University Medical Center
Chapel Hill, North Carolina, USA

Sandra Stinnett is Assistant Professor of Biostatistics with a secondary appointment as Assistant Professor of Ophthalmology at Duke University Medical Center in Durham, North Carolina. She serves as biostatistician for the Duke Eye Center, assisting faculty, fellows and residents with planning and analysis of research projects. She also assists the departments of Radiology, General Surgery, and Orthopedic Trauma Surgery with data analysis. In addition, she teaches medical statistics to third-year medical students. She also assists the American Academy of Otolaryngology with a web-based training program in biostatistics.

She is a member of the American Statistical Association and the American Academy of Otolaryngology. She is affiliated with Duke University and has taught at the University Of North Carolina Department Of Biostatistics at Campbell University School of Pharmacy as an adjunct professor.

Dr. Stinnett developed a course on statistical consulting for the Department of Biostatistics at the University of North Carolina. She taught it for 5 semesters while still a student and for 8 years thereafter. She worked independently as a statistical consultant for 7 years; worked for Quintiles (a contract research organization to the pharmaceutical industry) and spent 6 months in London managing its first international office; and managed a group of statisticians for the Duke Clinical Research Institute for 5 years. She taught introductory statistics to fellows and physicians seeking master's degrees in the Duke Clinical Research Training Program for 6 years; taught introductory statistics to pharmacy students seeking master's degrees in a clinical research training program at Campbell University in Buis Creek, North Carolina for 5 semesters; developed and taught a web-based course in introductory statistics to otolaryngologists in the Daiichi Clinical Scholars program for 5 years; gave a week-long seminar in research methods to residents in an ophthalmology hospital in the Dominican Republic; and developed and is teaching an introductory course in medical statistics for third-year medical students at Duke University Medical School. Currently she is using the Team-based Learning (TBL) method for teaching. This is the first medical school course to use this method completely.

She would like to discuss:

- The method of teaching introductory statistics in China
- How statistical consulting and interpersonal interaction is taught and practiced in China
- Possibilities for collaboration on international projects related to statistics in medicine

DR. ANNE STUKEL

Professor and Senior Scientist
University of Toronto
Toronto, Ontario, CANADA

PROFESSOR ESA I. UUSIPAikka

Professor
University of Turku
Turku, FINLAND