

## Career-Advice Panel



*Are you looking for a job or starting your career in statistics or biostatistics? Do you want to know the types of jobs that are available to you in industry? Do you want to know what employers in these fields look for in job applicants?*

Come to the Career-Advice Panel from 12:30-1:30 pm to get answers on your job- and career-related questions!



Four accomplished statisticians from clinical research, business analytics, medical technology, and epidemiology will share their advice and answer your questions on developing a successful career in statistics and biostatistics. Most of the panel's time will be devoted to allowing audience members to directly ask questions to the panelists, so please bring your questions and find out what it takes to get your next great job!

Throughout the SORA-BN-TABA Workshop/UToronto Biostatistics Research Day, these panelists and other professionals in statistics, biostatistics and analytics will wear "Ask Me" buttons. Students and early professionals are encouraged to approach them and ask questions person-to-person to get advice on job searching and career development.

### Panelists

**Ruth Croxford** is an Epidemiologist at the Institute for Clinical and Evaluative Sciences (ICES), an independent, non-profit organization whose mandate is to conduct research that contributes to the effectiveness, quality, equity and efficiency of health care in Ontario. Her work generally involves manipulating large databases in order to create datasets for analysis to answer specific research questions. Ruth's interests lie in applying statistics to research in the areas of medical sciences and health care. She previously worked as a Research Coordinator in the Clinical Epidemiology Unit at Sunnybrook Health Sciences Centre and directed the Statistical Consulting Service at the University of Toronto.

**Timothy B. Gravelle** is the Principal Scientist and Director, Insights Lab at PriceMetrix Inc., a business intelligence and practice management firm advising the North American wealth management industry. He specializes in multivariate statistics applied to business data, market research, and public opinion research. He has consulted with clients across a range of industries, including financial services, retail, aerospace and pharmaceuticals, and also has substantial experience conducting social research and evaluation research for government and intergovernmental organizations. Before joining PriceMetrix in 2012, he served as the Regional Director, North America for the Gallup World Poll and Statistician for the Gallup Panel. He also regularly volunteers through Statistics Without Borders, an initiative of the American Statistical Association.

**Janet McDougall** is the President and Founder of McDougall Scientific Ltd., a 29-year old full-service contract research organization (CRO) that provides services in statistics, data management and document management for the pharmaceutical and medical devices industries. She guides her company's corporate strategy, establishes key partnerships, emphasizes training and compliance throughout the company and acts as a senior statistical consultant. In her work as a professional statistician, she works primarily in study design, and has particular interests in adaptive designs, all phases of clinical trials (I, II, III and IV), and pharmacokinetics.

**Tony Panzarella** has been the Manager of the Biostatistics Department of Princess Margaret Hospital's Cancer Program, Toronto, Canada since 1998. He joined Princess Margaret Hospital as a biostatistician in 1985. Tony is an Assistant Professor within the Dalla Lana School of Public Health at the University of Toronto. He has co-authored over 100 publications in clinical cancer research, and is currently a statistical reviewer for the journal *Clinical Oncology* and a member of the Ontario Cancer Research Ethics Board. Tony is currently the lead statistician in two Canadian-led international bone marrow transplant studies. His professional interests include survival analysis, randomized clinical trials and effective statistical consulting.

### **Facilitator**

**Eric Cai** works as a Statistician for Predictum, a company that specializes in statistical consulting, statistical software development, and database management. He advises clients on statistical analysis, speaks about statistics and machine learning at industrial conferences and seminars, develops software for statistical modelling, and researches methods in machine learning and applied statistics. Recently, Eric began delivering free webinars on behalf of Predictum to educate analysts, executives, and managers on statistics, machine learning, and data mining. He is also an active volunteer in the statistical community in Toronto, organizing seminars on business analytics and biostatistics for the Statistical Society of Canada and the Toronto Applied Biostatistics Association. Eric shares his passion about statistics and chemistry via his blog, The Chemical Statistician (<http://chemicalstatistician.wordpress.com>), and his Twitter feed (<https://twitter.com/chemstateric>).