

**New P.Stat. and A.Stat. of the SSC/
Nouveaux P.Stat. et A.Stat. de la SSC.
2007-02-01 Competition**

It is with great pleasure that the Board of the Statistical Society of Canada (SSC) awarded the P.Stat. or A.Stat. designation to the following individuals:

C'est avec plaisir que le Conseil de la Société statistique du Canada (SSC) a octroyé la désignation P.Stat. ou A.Stat. aux individus suivants :

(Pictures and autobiographical sketches supplied by candidates).
(Images et notes autobiographique fournis par les candidats).

**P.Stat. 092:
ABDOLELL, Mohamed**



Ph.D. 2008 Toronto (expected)
M.Sc. 1995 Biostatistics, Toronto
B.Sc. 1991 Statistics and Applied Math, Toronto

Assistant Professor, Dalhousie University.

I graduated with an M.Sc. in 1995 from the Department of Public Health Sciences, University of Toronto, with a specialization in Biostatistics; my thesis topic was "Poisson Regression Trees". I obtained my B.Sc. degree from the U of T with a double major in Statistics and Applied Mathematics, and a minor in Computer Sciences.

I have been employed in the clinical research setting for 12 years, primarily in hospital-based research groups/institutes, and have provided statistical support, closely collaborated with, mentored, and taught many medical faculty, fellows, residents, and students; I have also done the same with numerous graduate students in allied health fields, including membership on thesis committees. For much of my working career I have concurrently held academic affiliations that have enabled me to lecture at the undergraduate and graduate level. I have derived particular satisfaction teaching graduate biostatistics students how to tackle real-world problems through interaction with medical/health sciences researchers.

I am currently an Assistant Professor at Dalhousie University, in the Department of Diagnostic Radiology, and have several research interests: [1] developing a web-based research methods curriculum for the Dalhousie radiology residency program that fills the educational void in research methods that exists for medical students and residents who are may not be pursuing research careers but who never-the-less

require sound research methodology training to enable proficiency in critical review of the medical literature for sound evidence based medical practice, with the ultimate intention of rolling out nationally to all radiology residency programs; [2] developing more accurate diagnostic classifiers using modern data mining algorithms incorporating both diagnostic image features and clinical information; [3] developing automated surveillance systems in medical/health sciences settings incorporating Geographical Information Systems and Statistical Process Control methods.

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**P.Stat. 093:
AL-KHALIDI, Abdul Sattar**



Ph.D. 1978 Statistics, Texas A&M
M.Sc. 1975 Statistics, Texas A&M
B.Sc. 1968 Mathematics, Baghdad University, IRAQ

Senior Statistician, Insurance Bureau of Canada

Duties: Build statistical models to predict frequencies and severities of insurance claims from vehicles characteristics. Design, develop, test, implement and maintain all SAS programs, and macros, needed to incorporate all findings into production quality maintenance systems, and implementing Monte Carlo and Boot Strapping techniques in order to determine the credible sample size of vehicle that is sufficient for a predetermined level of reliable prediction. Plus providing statistical advisories needed for research by various departments in the company.

Research Area: Statistical Modeling, Environmental Risk Assessment, and Biostatistics.

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**P.Stat. 094:
ASTATKIE, Tessema**



Ph.D. 1994 Statistics, Queen's
M.Sc. 1986 Statistics, Addis Ababa University (Ethiopia)
B.Sc. 1983 Statistics, Addis Ababa University (Ethiopia)

Professor, Nova Scotia Agricultural College

I have been learning and practicing statistics since I took my first course in 1980 at Addis Ababa University in Ethiopia. I moved to Canada in 1990 to do my PhD at Queen's University, and have been working at the Nova Scotia Agricultural College (NSAC) as the only statistician since 1994, and was promoted to full professor in 2003. I have been actively pursuing my individual and collaborative research that resulted in several papers published in 26 different scientific journals. I also provided statistical consulting service to all NSAC graduate students and faculty members. Working at this agricultural college gave me an excellent opportunity to promote statistics in agriculture and environment related education and research.

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**P.Stat. 095:
CHAGNON, Miguel**



M.Sc. 1994 Statistique, Université de Montréal

B.Sc. 1993 Mathématiques, Université de Montréal

Service de Consultation en Méthode Quantitative du Département de Mathématiques et Statistique de l'Université de Montréal

Je détiens un Baccalauréat en mathématiques (1993) et une Maîtrise en statistique (1994) de l'Université de Montréal. Présentement, je travaille comme consultant professionnel au service de consultation en méthodes quantitatives du Département de Mathématiques et Statistique de l'Université de Montréal. Mon mandat consiste à offrir une expertise en statistique à tous les chercheurs de la communauté universitaire en plus de participer à la formation des étudiants gradués en statistique. Les projets auxquels je participe sont très variés autant par leurs provenances que par leurs complexités. Certains projets se limitent à un avis sur un protocole, à la détermination d'une taille échantillonnale ou la validation d'une approche statistique proposée ou déjà effectuée tandis que d'autres consistent à la réalisation complète des analyses et la participation à la rédaction d'un article scientifique. Depuis 2003, je suis aussi chargé de cours au même département. Mes principaux intérêts sont la biostatistique et la psychométrie. Je détiens un Baccalauréat en mathématiques (1993) et une Maîtrise en statistique (1994) de l'Université de Montréal. Présentement, je travaille comme consultant professionnel au service de consultation en méthodes quantitatives du Département de Mathématiques et Statistique de l'Université de Montréal. Mon mandat consiste à offrir une expertise en statistique à tous les chercheurs de la communauté universitaire en plus de participer à la formation des étudiants gradués en statistique. Les projets auxquels je participe sont très variés autant par leurs provenances que par leurs complexités. Certains projets se limitent à un

avis sur un protocole, à la détermination d'une taille échantillonnale ou la validation d'une approche statistique proposée ou déjà effectuée tandis que d'autres consistent à la réalisation complète des analyses et la participation à la rédaction d'un article scientifique. Depuis 2003, je suis aussi chargé de cours au même département. Mes principaux intérêts sont la biostatistique et la psychométrie.

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P.Stat. 096:
CRÉPEAU, Hélène



M.Sc. 1983 Statistique, UBC
B.Sc. 1978 Actuariat , Université Laval

Service de consultation statistique, Université Laval

J'ai obtenu un baccalauréat en science actuarielle de l'Université Laval en 1978 et par la suite une maîtrise en statistique de l'Université de la Colombie-Britannique (U.B.C.) en 1983. Je travaille au service de consultation statistique (SCS) de l'Université Laval depuis octobre 1985. J'agis à titre de consultant auprès de la clientèle qui fait appel au SCS. Mon travail consiste à les conseiller dans la planification de leur expérience ou leur enquête, sur les méthodes statistiques à utiliser dans leurs travaux et bien souvent à faire l'analyse complète de leurs données. Parallèlement à mon travail de consultante, j'assure la gestion du SCS et je collabore avec des professeurs de statistique du département à l'encadrement des étudiants de 3ième année du baccalauréat en statistique ainsi que des étudiants gradués travaillant au SCS.

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**P.Stat. 097:
ELKUM, Naser, B**



Ph.D. 1997 Statistics, Queen's
M.Sc. 1989 Statistics, Tripoli University
B.Sc. 1982 Statistics, Tripoli University

King Faisal Specialist Hospital & Research Center

Dr. Elkum earned a Ph.D. degree in statistics from Queen's University Canada. Subsequently, he worked as a manager of biostatistics and data management department at Pharma Medica Research Inc. He is currently working as a scientist at King Faisal Hospital & Research Centre.

Dr Elkum is a research methodologist with research interests in the development and application of statistical methods health research. His research interests cover a wide spectrum of research areas including design and analysis of RCTs; generalized linear/nonlinear mixed effects models; failure time data; statistical methods in epidemiology and cancer; Bayesian and non-Bayesian inference and statistical consulting.

Dr. Elkum collaborates with researchers in cardiology, internal medicine, urology, oncology, pathology and health technology assessment. He provides statistical leadership in studies in various areas of population health research, clinical research and health services and outcomes research.

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**P.Stat. 098:
MIDODZI, William, K**



Ph.D. 2009 Biostatistics, Alberta
M.Sc. 2000 Biostatistics, Alberta
M.Sc. 1998 Applied Mathematics, U. Science and Tech., Ghana
B.Sc. 1996 Applied Mathematics, U. Science and Tech., Ghana

William Midodzi is a biostatistician currently working with the Epidemiology Coordinating and Research Centre (EPICORE) at the University of Alberta, Canada. My areas of interest include clinical trials and application of multi-level modeling, structural equation modeling (SEM), and bootstrap statistical methods in the analysis of population health data.

I received my BSc and MSc mathematics education at the University of Science and Technology (UST), Ghana, and training in MSc Biostatistics at the University of Alberta, Canada.

Since 2001, I have worked with various research groups at the University of Alberta including the VIGOUR clinical trial research unit at the Department of Medicine, the KUSP research unit at the Faculty of Nursing. Within this period, I have as well been a student in the Department of Public Health Sciences, University of Alberta where currently, I am near the completing of my PhD dissertation in Medical Science-Public Health Sciences (epidemiology). Between 2002- 2006, I completed a Canadian Institutes of Health Research (CIHR funded strategic training program in Public Health and Agricultural Rural Ecosystem (PHARE) at the Institute of Rural and Environmental Health (I.ARE.H) at the University of Saskatchewan, Canada.

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**P.Stat. 099:
NETTEL-AGUIRRE, Alberto**



Ph.D. 2005 Statistics, Calgary
M.Sc. 1999 Statistics, Calgary
B.Sc. 1995 Applied Math., Inst. Tecnológico Autónomo de México

Research associate, Paediatrics Department Research Methods, U. Calgary.

I received my BSc in Applied Math from ITAM (Mexico), my MSc and PhD in Statistics from University of Calgary; held a 1 year postdoctoral fellowship with Hugh Chipman in 2005 working on graph data and social networks. Throughout my grad school years I was a joint consultant and then assistant director of "Statistical Consulting and Research" (StatCaR) lab at U of C. My interests have been varied: Consulting, Point processes, Stereology, Functional Data analysis, Biostatistics, Statistical Learning and Data Mining. I am currently working at the Alberta Children's hospital for the Paediatrics department as part of the Research Methods team as a consultant and research associate, hence I have focused more in Biostats with interests in Neonatology, Injury prevention and learning on missing data techniques.

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**P.Stat. 100:
THOMSON, Barbara A.**



M.S. 1990 Applied Math and Stat, State University of New York
B.S. 1972 Mathematics, University of Illinois at Chicago

Research Associate with the Statistical Consulting Service Statistics
University of Toronto.

Barbara Thomson has a B.S. degree in Mathematics Education from the University of Illinois at Chicago and an M.S. degree in Statistics (1990) from the Department of Applied Mathematics, SUNY-Stony Brook, New York. After many years as a programmer for biologists, she now works with the Statistical Consulting Service in the Department of Statistics at the University of Toronto.

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**P.Stat. 101:
XU, Wei**



Ph.D. 2006 Biostatistics, Toronto
M.Sc. 2003 Statistics, Dalhousie
B.Eng. 1992 Mech. Engineering, Shanghai Jiao Tong University

Assistant Professor in Department of Public Health Sciences, University of Toronto; Senior Biostatistician in Department of Biostatistics, Princess Margaret Hospital, University of Toronto

Wei XU received a Ph.D. in Biostatistics, University of Toronto; M.Sc. in Statistics, Dalhousie University; He is currently employed as an Assistant Professor in Department of Public Health Sciences, University of Toronto and a Senior Biostatistician in Department of Biostatistics, Princess Margaret Hospital, University of Toronto. His focus is on research in statistical genetics, clinic trial data analysis and data mining,

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**A.Stat. 009:
DAVIS, Karelyn A.**



Ph.D. 2009 Statistics, Carleton
M.Sc. 2004 Statistics, Memorial
B.Sc. 2002 Mathematics, Memorial

Statistics Canada Methodologist - Education and Cross Sectional Special Survey Methods.

I am currently employed as a methodologist with Statistics Canada and my primary focus is directed towards education and justice related surveys. While working at Statistics Canada, I am completing a Doctor of Philosophy in Statistics at Carleton University. My doctoral research pertains to generalized linear and mixed models under constrained inference with application to longitudinal data with missing values. Prior to commencing doctoral studies, I completed a Master of Science in Statistics and a Bachelor of Science Joint Honours in Pure Mathematics and Statistics at Memorial University of Newfoundland. My master's research studied order restricted inference with application to pharmaceutical studies. I have been a member of the Statistical Society of Canada since 2002.

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**A.Stat. 010:
ISMAILA, Afisi Segun.**



Ph.D. 2008 Biostatistics, McMaster
M.Sc. 2004 Statistics, McMaster
B.Sc. 1999 Math & Stats, University of Lagos, Nigeria

McMaster University Teaching Assistant

I am currently completing my Doctoral degree in Health Research Methodology (Biostatistics specialty) at McMaster University under the supervision of Prof. Stephen Walter. I finished my M.Sc. Statistics from McMaster University under the supervision of Dr. Angelo Canty. My Bachelor Degree was in Mathematics and Statistics (combined honours) from University of Lagos in Nigeria. My research interest includes clinical trial methodology, meta-analysis, spatial statistics, applied statistics, Bayesian methods, and health measurement instruments development and validation. I am an accredited member (GradStat status) of the Royal Statistical Society of UK. I am also a member of the Statistical Society of Canada; American Statistical Association; Institute of Mathematical Statistics; International Biometric Society-Eastern North American Region; Society for Epidemiologic Research; and International Society for Pharmacoepidemiology.

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**A.Stat. 011:
SUN, Jing**



M.Sc. 2006 Statistics, York
B.Sc. 2004 Statistics, York
B.Sc. 1992 Computer Science, Tianjin Normal University

System Administrator, Canadian Mental Health Association

I have a M.Sc. degree in Statistics, and an honours degree in Information Technology and Statistics. During my graduate study, I have served as a statistical consultant, and finished the survey paper “Parallel Computing and Statistics”. In addition, I have finished several statistical projects. In these projects, I have integrated statistical thinking and statistical computing. I have attended statistical workshops and seminars in order to keep myself skilled at methodological advances in statistics. I also have strong communication and interpersonal skills for dealing with diverse clientele and levels of staff.

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**A.Stat. 012:
WOOLFORD, Douglas G.**



Ph.D. 2007 Statistics, Western Ontario
M.Math 2002 Statistics, Waterloo
B.Sc. 2001 Statistics, Western Ontario

Post-Doc, School of Forestry, University of Toronto

Douglas Woolford received both his B.Sc.(Hon) in Statistics and Actuarial Science, and his Ph.D. in Statistics from the University of Western Ontario. He received his M.Math in Statistics from the University of Waterloo, after which he spent a year as a lecturer, teaching at both Wilfrid Laurier University and the University of Waterloo. Currently, Doug is at the University of Toronto where he is an NPCDS/GEOIDE Postdoctoral Fellow working for The Forests, Fires and Stochastic Modelling Project. His research interests include environmental statistics, spatial-temporal modelling, point-processes and applied probability. Doug has been a member of the SSC since 2005.

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