



Students and New Professionals Network
Réseau des étudiants et des jeunes professionnels

9th AllerGen Trainee Symposium

April 30 - May 2, 2014 • Vancouver Marriott Airport Hotel, 7551 Westminister Highway, Richmond, BC V6X 1A3 (604) 276-2112

WEDNESDAY, APRIL 30, 2014

Location
Blackcomb/Cypress/Grouse (BCG)

7:00 - 7:30 PM REGISTRATION BCG

7:30 - 7:45 PM WELCOME AND OPENING REMARKS BCG

Michelle Harkness, HQP and Events Coordinator, AllerGen NCE
Lianne Soller, PhD (c), McGill University; ASNPN President

7:45 - 8:00 PM ALLERGEN ADVANTAGE BCG

Kelly McNaghy, PhD, The University of British Columbia
Moderator: Pia Reece, PhD, McMaster University

8:00 - 10:00 PM SPEED NETWORKING AND TRAINEE NETWORKING RECEPTION BCG/WHISTLER

THURSDAY, MAY 1, 2014

Location
Blackcomb/Cypress/Grouse (BCG)

8:00 - 8:30 AM BREAKFAST BCG

8:30 - 9:30 AM JUNIOR INVESTIGATORS' PANEL BCG

Panellists: **Jeremy Hirota**, PhD, The University of British Columbia
Mohsen Sadatsafavi, MD, PhD, The University of British Columbia
Tillie Hackett, PhD, The University of British Columbia
Moderator: Michelle Harkness, HQP and Events Coordinator, AllerGen NCE

9:30 - 10:30 AM PROBLEM SOLVING AND DECISION MAKING BCG

Russel Horwitz, KWELA Leadership and Talent Management
Moderator: Sami Shariff, MSc (c), University of Calgary

10:30 - 10:45 AM REFRESHMENT BREAK BCG

ATTENDANCE IS MANDATORY AT ALL SESSIONS FOR TRAVEL REIMURSEMENT

10:45 - 12:30 PM	PROBLEM SOLVING AND DECISION MAKING (CONTINUED)	BCG
12:30 - 1:15 PM	LUNCH	BCG
1:15 - 2:00 PM	DEALING WITH THE MEDIA: LESSONS LEARNED Meghan Azad , PhD, University of Alberta <i>Moderator: Carlo de Olim Rugginenti, MSc (c), Université de Montréal</i>	BCG
2:00 - 3:00 PM	WHY SHOULD RESEARCHERS USE TWITTER? Luanne Freund , PhD, The University of British Columbia; GRAND NCE <i>Moderator: Stephanie Nairn, PhD (c), McGill University</i>	BCG
3:00 - 4:00 PM	ANALYZING YOUR DATA WITH NETWORK-BASED BIOINFORMATICS TOOLS Fiona Brinkman , PhD, Simon Fraser University <i>Moderator: Amrit Singh, PhD (c), The University of British Columbia</i>	BCG
4:00 - 4:15 PM	REFRESHMENT BREAK	BCG
4:00 - 6:00 PM	FREE TIME	BCG
6:00 - 7:00 PM	SENIOR INVESTIGATORS' PANEL Panellists: Chris Carlsten , MD, MPH, The University of British Columbia Michael Kobor , PhD, The University of British Columbia Scott Tebbutt , PhD, The University of British Columbia Stuart Turvey , MBBS, DPhil, FRCPC, The University of British Columbia <i>Moderator: Michelle Harkness, HQP and Events Coordinator, Allergen NCE</i>	BCG
7:00 - 9:00 PM	NETWORKING FOR SUCCESS RECEPTION AND DINNER Guests: Chris Carlsten , MD, MPH, The University of British Columbia Edmond Chan , MD, FRCPC, The University of British Columbia; BC Children's Hospital Denise Daley , PhD, The University of British Columbia Delbert Dorscheid , MD, PhD, The University of British Columbia Jeremy Hirota , PhD, The University of British Columbia Michael Kobor , PhD, The University of British Columbia Tobias Kollmann , MD, PhD, The University of British Columbia Carlo Marra , PharmD, PhD, FCSHP, The University of British Columbia Andrew Sandford , PhD, The University of British Columbia Tim Takaro , MD, MPH, Simon Fraser University Scott Tebbutt , PhD, The University of British Columbia Stuart Turvey , MBBS, DPhil, FRCPC, The University of British Columbia <i>Moderator: Lianne Soller, PhD (c), McGill University; ASNPN President</i>	SEYMOUR/WHISTLER
9:00 PM	TRAINEE NETWORKING (OPTIONAL)	

8:00 - 9:00 AM	BREAKFAST	BCG
9:00 - 9:30 AM	ASNPB UPDATE & ACKNOWLEDGEMENTS	BCG
	Michelle Harkness, HQP and Events Coordinator, AllerGen NCE Kim Wright, Manager, Communications and Knowledge Mobilization, AllerGen NCE	
9:30 - 10:45 AM	SUCCEEDING AT THE GRANT GAME: MOCK REVIEW PANEL	BCG
	Peter Paré, MD, The University of British Columbia Moderator: Meghan Azad, PhD, University of Alberta	
10:45 - 11:00 AM	REFRESHMENT BREAK	BCG
11:00 - 12:30 PM	SUCCEEDING AT THE GRANT GAME (CONTINUED)	BCG
12:30 PM	CLOSING REMARKS AND BOXED LUNCH	BCG
	Lianne Soller, PhD (c), McGill University; ASNPB President	

AllerGen Students and New Professionals Network (ASNPB) Leadership Committee 2013-2014

Lianne Soller, PhD (c)

Pia Reece, PhD

Meghan Azad, PhD

Luisa Giles, PhD

Amrit Singh, PhD (c)

Sami Shariff, MSc (c)

Claudia Hui, PhD (c)

Stephanie Nairn, PhD (c)

Carlo de Olim Rugginenti, MSc (c)

ASNPB President; McGill University

ASNPB Vice-President; McMaster University

ASNPB Events Director; University of Alberta

ASNPB Communications Director; The University of British Columbia

ASNPB Regional Director, Pacific (BC); The University of British Columbia

ASNPB Regional Director, Central (AB/SK/MB); University of Calgary

ASNPB Regional Director, Ontario; McMaster University

ASNPB Regional Director, Quebec/Atlantic; McGill University

ASNPB Member-at-Large; Université de Montréal



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Featured Speakers

Meghan Azad, PhD, is a Banting Postdoctoral Fellow in the Department of Pediatrics at the University of Alberta, supervised by AllerGen investigator Dr. Anita Kozyrskyj. She received her PhD in Biochemistry and Medical Genetics from the University of Manitoba in 2010, and is currently pursuing a Masters in Epidemiology through the University of London, UK. As a member of the SyMBIOTA (Synergy in Microbiota Research) team and within the CHILD framework, Dr. Azad is investigating the impact of birth mode, infant diet and antibiotic exposure on gut microbiota, with potential implications for atopic disease. In February 2013, Drs Azad and Kozyrskyj published new evidence in the *Canadian Medical Association Journal* that generated overwhelming interest from national and international media outlets.

Fiona Brinkman, PhD, is a Professor in Genomics and Bioinformatics in the Department of Molecular Biology and Biochemistry at Simon Fraser University. She completed her PhD at the University of Ottawa in 1996 and postdoctoral training at The University of British Columbia in 2001. Originally trained as a microbiologist, she developed her computational skills to become an early expert in Pathogen Bioinformatics and has created several internationally leading computational tools for analysis of both human and microbe responses to infection. She is an AllerGen Investigator and a Michael Smith Foundation for Health Research Senior Scholar. Dr. Brinkman has received numerous awards, including Canada's Top 100 Women from the Women's Executive Network, and a TR100 award from MIT identifying her as one of the "top 100 of the world's young innovators in science and technology."

Luanne Freund, PhD, is an Assistant Professor in The University of British Columbia's iSchool (School of Library, Archival & Information Studies). She holds a PhD from the Faculty of Information at the University of Toronto, an MLS degree from the Hebrew University of Jerusalem, an MA (Russian history) from Carleton University, and a BA from the University of Toronto. Her areas of research interest are human information interaction in digital environments; pragmatic and task-based approaches to information searching; workplace search; document genres; and the relationship between tasks and genres in information practices. She is a member of the iSchool's Digital Information Interaction Group (DiiG) and a Network investigator for GRAND NCE.

Russel Horwitz is co-founder of Kwela Leadership & Talent Management. His expertise includes leadership development, team development, executive coaching, and training on a wide variety of topics. He has worked extensively as a leadership consultant/trainer since 2004 across a wide variety of sectors, including government and publicly-held, private and non-profit organizations. Russel's experience includes 14 years in the high technology/engineering sector where he held management roles in product development, marketing, customer service and training. Russel holds a Masters degree in Engineering from the University of Cape Town, South Africa.

Kelly McNagny, PhD, is a Professor of Medical Genetics in The Biomedical Research Centre at The University of British Columbia. He obtained his PhD with Dr. Max D. Cooper at the National Academy of Science on cell surface proteins that regulate B cell maturation and homing, and completed his post-doctoral studies at the EMBL in Heidelberg, Germany, with Dr. Thomas Graf on transcriptional control of hematopoietic stem cell maturation. His laboratory is interested in two aspects of hematopoietic stem cell biology: 1) the transcriptional and signalling network that regulates the commitment of multipotent progenitors to a specific lineage, and 2) the surface receptors expressed by HSC that regulate their interactions with their microenvironment. Dr. McNagny has received a number of awards, including a Canadian Institutes of Health Research scholarship, a Michael Smith Foundation for Health Research Senior scholarship, and the 2002 Showell-Pfizer Junior Faculty Award from the American Association for Immunology. He is also an active member of the AllerGen and Stem Cell Network Centres of Excellence.

Peter Paré, MD, is a Professor of Respiratory Medicine and Pathology at The University of British Columbia and a Clinician-Scientist at St Paul's Hospital (SPH) and the iCAPTURE Center for Cardiovascular and Pulmonary Research. Dr. Paré has served as the Head of the UBC and SPH Respiratory Divisions (1982-93), Acting Head of Medicine at SPH (1991-92), Director of the UBC Clinical Investigator Program (2000-06) and Director of the iCAPTURE Centre (2000-05). He earned his medical degree from McGill University in 1969. He did residency training at the Royal Victoria Hospital and the University of Nairobi before completing a two-year postdoctoral fellowship at the Meakins-Christie Laboratories. Dr. Paré has trained more than 40 clinical and basic science faculty members. His research expertise is in the study of the pathophysiology and genetics of asthma, chronic obstructive pulmonary disease (COPD) and cystic fibrosis. Dr. Paré is an AllerGen investigator and works with co-investigators, including Dr. Denise Daley, to find susceptibility genes for allergic disease.

2014 AllerGen Trainee Symposium – *Networking for Success* Dinner AllerGen Investigators



Dr. Chris Carlsten is an Associate Professor of Medicine and holds the endowed Chair in Occupational and Environmental Lung Disease at The University of British Columbia. He also holds adjunct positions at the Peter Wall Institute for Advanced Studies, the UBC School of Population and Public Health and the James Hogg Research Centre. He attended undergraduate and medical school at Stanford University before training in internal, occupational, pulmonary and critical care medicine at the University of Washington. The Carlsten laboratory focuses on the respiratory and immunological health effects of inhaled environmental and occupational exposures, using diesel exhaust, western red cedar and phthalates as model inhalants. In particular, the lab uses controlled human exposures to address the synergism due to co-exposure to inhaled particles and allergens in mediating health effects related to asthma induction and exacerbation.



Dr. Edmond Chan is Head of Allergy and Immunology at BC Children's Hospital, Training Program Director in Pediatric Clinical Immunology and Allergy and a Clinical Associate Professor, Division of Allergy, Department of Pediatrics at The University of British Columbia. Dr. Chan's research interests include the primary prevention of food allergy, the relationship between food allergy and other atopic conditions, plus diagnosis and management of food allergy. He is interested in environmental factors in young children that may predispose towards asthma development, and whether knowledge of such factors may assist in primary prevention. He is also interested in the impact of multi-disciplinary care in asthma management. Dr. Chan completed medical school (University of Alberta) and a residency in Pediatrics (University of Manitoba), and finished his training with a fellowship in Pediatric Clinical Immunology and Allergy (University of Manitoba). He has been practicing in Vancouver since 2005.



Dr. Denise Daley is an Associate Professor in the Department of Medicine at The University of British Columbia and a Canada Research Chair in Genetic Epidemiology of Complex Diseases. She completed a PhD in Epidemiology and Biostatistics at Case Western Reserve University in 2003. Dr. Daley's interests are in the study of complex diseases such as cancer, asthma and heart disease, with a focus on gene-gene and gene-environment interactions. As part of her research into why some children get asthma and others do not, Dr. Daley is studying genetic susceptibility to asthma and other allergic conditions. She is working to determine what contribution gender, genes and environment make to the development of asthma, particularly how a combination of gene variations – each with a modest effect – interact with gender and environmental factors to produce asthma. This interaction between genetics and the environment is key in developing or protecting against asthma.



Dr. Delbert Dorscheid is an Associate Professor of Medicine at The University of British Columbia and a researcher at the the James Hogg Research Centre, Institute for Heart + Lung Health. Dr. Dorscheid obtained his MD and PhD in Experimental Medicine from McGill University and completed an Internal Medicine residency at the University of Chicago, and subsequently a fellowship in Pulmonary and Critical Care Medicine. He leads an active research group investigating the role of the airway epithelium in the genesis of inflammatory airways diseases. His group studies the role of inappropriate injury-repair cycles in the development of both chronic diseases, such as asthma, and acute illnesses like ALI/ARDS.



Dr. Michael Kobor is an Associate Professor in the Department of Medical Genetics at UBC, and a Scientist at the Centre for Molecular Medicine and Therapeutics, a gene research centre under UBC's Faculty of Medicine located at the Child and Family Research Institute (CFRI). Dr. Kobor completed his PhD in Medical Genetics under Dr. Jack Greenblatt at the University of Toronto before undertaking postdoctoral training as a Human Frontier Science Program Fellow with Dr. Jasper Rine at the University of California, Berkeley. Research in Dr. Kobor's laboratory is focused on the epigenetic regulation of gene expression and genome function.

Particular emphasis is placed on understanding the mechanistic nature of these processes and their modulation by environmental exposures. Dr. Kobor is a Scholar in the Experience-based Brain & Biological Development Program from the Canadian Institute for Advanced Research (CIFAR), a Mowafaghian Junior Scholar, and an Investigator with NeuroDevNet NCE.



Dr. Tobias Kollmann is an Associate Professor in the Division of Infectious and Immunological Diseases, Department of Pediatrics, at The University of British Columbia and BC's Children's Hospital, where he directs the Global Pediatric Infectious Disease Training Program. Dr. Kollmann received his MD and PhD (microbiology and immunology) from the Albert Einstein College of Medicine (Bronx, New York) and graduated with distinction as an Alpha Omega Alpha National Honor Medical Society scholar. He received his clinical training at the University of Washington where he also completed a fellowship in pediatric infectious disease. He is following his dream to optimize neonatal vaccination. To this end, Kollmann has embarked on a detailed developmental mechanistic analysis focusing on signaling pathways in innate immune cells, with the goal of identifying improved approaches for early life immune modulation.



Dr. Carlo Marra is a Professor in the Faculty of Pharmaceutical Sciences and Director of the Collaboration for Outcomes Research and Evaluation (CORE) at The University of British Columbia (UBC). He also holds a Tier II Canada Research Chair (CRC) in Pharmaceutical Outcomes. Dr. Marra received a Pharm. D. and a PhD in health care and epidemiology, both from UBC. Additionally, Dr. Marra completed a post-doctoral fellowship at the Arthritis Research Centre of Canada in Arthritis Epidemiology and Pharmacoepidemiology. Dr. Marra's main research interests include the conduct and methodology of economic evaluations, and formulary decision-making. He is very active in evaluating the potential

impact of the pharmacist on health outcomes and satisfaction of patients with chronic medical conditions (mainly musculoskeletal and respiratory diseases), and the provision of health services. Dr. Marra also has an interest in the assessment of new biomarker and genomic technologies in health care. Dr. Marra was recently appointed the Dean of School of Pharmacy at Memorial University, effective June 1, 2014.



Dr. Andrew Sandford is an Associate Professor of Medicine at The University of British Columbia and a research at the James Hogg Research Centre, Institute for Heart + Lung Health. Dr. Sandford earned his B.Sc. in biological sciences from the University of Leicester, England and a Ph.D. studying the genetic basis of allergic diseases such as asthma at the University of Oxford, England. He continues to research the genetic basis of asthma and has extended his studies to include the genetic bases of chronic obstructive pulmonary disease and of pulmonary disease severity in cystic fibrosis. Dr. Sandford currently holds a Tier II

Canada Research Chair and a Michael Smith Foundation for Health Research Senior Scholar Award.



Dr. Tim Takaro is a Professor at Simon Fraser University's Faculty of Health Sciences trained in occupational and environmental medicine, public health and toxicology at Yale, the University of North Carolina and University of Washington. Dr. Takaro's primary research areas focus on disease susceptibility factors in environmental and occupational health, particularly inflammatory lung conditions including asthma, chronic beryllium disease and asbestosis. His approach as a researcher and physician has been to try to link laboratory biomarker innovations with public health practice, including community-based interventions.



Dr. Scott Tebbutt is Assistant Professor in the Department of Medicine, Division of Respiratory Medicine, The University of British Columbia, and Principal Investigator at the James Hogg Research Centre, Institute for Heart+Lung Health, St. Paul's Hospital. Since 2006, he has served as Co-Director of the Molecular Phenotyping and Genotyping Core of the James Hogg Research Centre, and he is currently Director of the Technology Development Core. Dr. Tebbutt earned his Ph.D. in Molecular Genetics from the University of East Anglia and completed post-doctoral fellowships in the laboratories of Professor Ann Harris (University of Oxford, Institute of Molecular Medicine) and Professor Diana Hill (University of Otago, Dunedin, New Zealand), where he studied the molecular genetics of cystic fibrosis. Dr. Tebbutt's research programme focuses on the genomics of complex respiratory disease, including the early and late reactions in allergic asthma and rhinitis. He is also Chief Scientific Officer of the Prevention of Organ Failure (PROOF) Centre of Excellence, focused on heart, lung and kidney failure.



Dr. Stuart Turvey is an Associate Professor of Pediatrics at The University of British Columbia, where he holds the Aubrey J. Tingle Professorship in Pediatric Immunology. He is a pediatric immunologist based at BC Children's Hospital, and Director of Clinical Research at the Child & Family Research Institute. Prior to coming to Vancouver, Turvey completed both his pediatric residency and allergy/immunology fellowship at Children's Hospital, Harvard Medical School. He holds a medical degree (MB BS) from the University of Sydney, Australia and a doctorate (DPhil) in immunology from Oxford University, where he was a Rhodes Scholar. Dr. Turvey provides clinical care in the specialties of clinical immunology and rheumatology, while his research program focuses on pediatric infectious and inflammatory diseases. Specifically, Turvey is interested in the role of innate immunity in protecting infants and young children from infectious agents, and how abnormalities of the innate immune system contribute to inflammatory diseases of childhood. Dr. Turvey is the Vancouver Site Leader for the Canadian Healthy Infant Longitudinal Development (CHILD) Study.