

SHORT COURSE – WEDNESDAY SEPTEMBER 11

Emerging Treatments for Genetic Disease

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| 7:00 – 8:15 a.m. | Registration and Breakfast (provided) |
| 8:00 a.m. – 12:00 p.m. | <p>Plenary Session 8:00 – 8:15 Opening Remarks – Introduction to the Short Course <i>Heather Douglas, MSc MS CGC CCGC, Genetic Counsellor, Scarborough Health Network</i></p> <p>8:15 – 9:15 The Future is (Almost) Here: Overview of Emerging Treatments for Genetic Conditions <i>Heather Douglas, MSc MS CGC CCGC, Genetic Counsellor, Scarborough Health Network</i></p> <p>9:15 – 10:00 CRISPR/Cas9 – A Revolution in Gene Editing <i>Dr. Barbara Triggs-Raine, PhD, Professor, University of Manitoba</i></p> |
| 10:00 – 10:30 a.m. | Nutrition Break (provided) |
| 10:30 a.m. – 12:00 p.m. | <p>Plenary Session continues 10:30 – 11:15 Huntington’s Disease – New Therapies <i>Dr. Doug Hobson, MD, University of Manitoba</i></p> <p>11:15 – 12:00 Regenerative Medicine Counselling – A GC’s Role in Educating on the Hype and Hope <i>Jill Furnival, MSc CCGC, Regenerative Medicine Counsellor, Medcan</i></p> |
| 12:00 – 1:30 p.m. | Lunch Break (lunch not provided) |
| 1:30 – 5:00 p.m. | <p>Plenary Session 1:30 – 2:15 In Utero Stem Cell Transplantation: Historical Context, Present State and the Future of Fetal Molecular Therapies <i>Billie Lianoglou, LCGC, Genetic Counselor, University of California, San Francisco</i></p> <p>2:15 – 3:00 From Gene Discovery to New Therapies for Inherited Metabolic Disorders – Advances and Challenges <i>Dr. Cheryl Rockman-Greenberg, M.D. C.M., Program in Genetics and Metabolism, Winnipeg Regional Health Authority</i></p> |
| 3:00 – 3:30 p.m. | Nutrition Break (provided) |
| 3:30 – 5:00 p.m. | <p>Plenary Session continues 3:30 – 4:15 p.m. Clinical Trials for Spinal Muscular Atrophy (SMA) <i>Dr. Edward Leung, MD FRCPC, Section Head, Pediatric Neurology, University of Manitoba</i></p> <p>4:15 – 5:00 p.m. Panel Discussion <i>Heather Douglas, MSc MS CGC CCGC, Genetic Counsellor, Scarborough Health Network</i> <i>Jill Furnival, MSc CCGC, Regenerative Medicine Counsellor, Medcan</i></p> |

Dr. Edward Leung, MD FRCPC, Section Head, Pediatric Neurology, University of Manitoba
Billie Lianoglou, LCGC, Genetic Counselor, University of California, San Francisco
 Parents of a child with Spinal Muscular Atrophy (SMA) undergoing new treatments will join this panel discussion.

ANNUAL EDUCATION CONFERENCE (AEC) – SEPTEMBER 12-14

THURSDAY SEPTEMBER 12

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| 7:00 – 8:20 a.m. | Registration & Morning Beverages (provided) |
| 7:00 – 8:15 a.m. | Industry Breakfast Seminars |
| 8:20 – 10:00 a.m. | <p>Plenary Session – Indigenous Health Issues 8:20 – 8:30 Opening Remarks AEC Committee Members Leslie Spillett, (Knowledge Keeper)</p> <p>8:30 – 9:30 Keynote Address: Re/pair: The Land, Our Bodies Chelsea Vowel, BEd LLB, University of Alberta, Faculty of Native Studies</p> <p>9:30 – 10:00 Equity versus Equality: The Social Context of Health Sharon Kuropatwa, B.A. M.A., Director-Community Area/Housing Support and Service Integration, Winnipeg Regional Health Authority/Department of Families</p> |
| 10:00 – 10:30 a.m. | Nutrition Break (provided) |
| 10:30 – 12:00 p.m. | Abstract Session |
| 12:00 – 2:30 p.m. | Lunch and Annual General Meeting (lunch provided to CAGC Members attending AGM) |
| 2:30 – 3:45 p.m. | <p>Concurrent Practice-Specific Sessions Perinatal Palliative Care: Collaboration Along the Continuum Simone Stenekes, RN MN CHPCN(C), Clinical Nurse Specialist, Pediatric Palliative Care Team – Winnipeg Regional Health Authority Palliative Care Program Ginette Talbot, MS CGC, Genetic Counsellor, Winnipeg Health Sciences Centre</p> <p>Three Years' Experience with Hereditary Cancer Panel Testing at London Health Sciences Center: Results & Clinical Outcomes Karen Panabaker, MSc CGC CCGC, Senior Genetic Counsellor, London Health Sciences Centre</p> <p>Incorporating Technology and Innovation Into Genetic Counselling: How to Develop an Online Module to Facilitate Parent-Child Communication about a Genetic Diagnosis Simina Bogatan, BSc MSc, Genetic Counsellor, North York General Hospital Andrea Shugar, MS CGC, Genetic Counsellor, The Hospital for Sick Children</p> |
| 3:45 – 4:15 p.m. | Nutrition Break (provided) |
| 4:15 – 5:30 p.m. | Concurrent Practice-Specific Sessions |

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| | <p>Two by Two: A Study of the Relative Impact of Genetic and Environmental Factors on Manitoba Twins with Prenatal Alcohol Exposure **CANCELLED** <i>Dr. Sandra Marles, MD MSc FRCPC FCCMG, Clinical Geneticist, University of Manitoba</i></p> <p>Going the Extra Mile: How to Reanalyze Clinical Exome Sequencing Data, a Hands-On Workshop for Genetic Counsellors – Part 1: From Clinical Observations to Usable Phenotype <i>Taila Hartley, MSc (Biochemistry), MSc (Genetic Counselling), Research Genetic Counsellor, Operations Director, Care4Rare Canada</i> <i>Matthew Osmond, MSc, Research Coordinator, Children’s Hospital of Eastern Ontario Research Institute</i></p> <p>Genetics Testing for Hypertrophic Cardiomyopathy: Where Have We Been, Where Are We Now And Where Are We Going? <i>Amy Crowley, Genetic Counsellor, IWK Health Care Centre / MyGeneTeam</i> <i>Julie Hathaway, Clinical Liaison, Genetic Counsellor, Blueprint Genetics</i></p> |
| 6:00 – 7:30 p.m. | CAGC Poster Presentations |
| 6:00 – 8:00 p.m. | CAGC Welcome Reception with Sponsors |
| 8:15 – 10:00 p.m. | CAGC Pub Crawl/Scavenger Hunt Meet in the Delta Hotel Lobby |
| FRIDAY SEPTEMBER 13 | |
| 7:00 – 8:20 a.m. | Registration & Morning Beverages (provided) |
| 7:00 – 8:15 a.m. | Industry Breakfast Seminars |
| 8:20 – 8:30 a.m. | Opening Remarks |
| 8:30 – 10:00 a.m. | Abstract Session |
| 10:00 – 10:30 a.m. | Nutrition Break (provided) |
| 10:30 – 12:00 p.m. | <p>Plenary Session – GenCOUNSEL 10:30 – 10:40 Optimization of Genetic Counselling with Clinical Implementation of Genome-Wide Sequencing <i>Dr. Alison Elliott, PhD MS CGC, University of British Columbia</i></p> <p>10:40 – 11:00 Integration of Genetic Counsellors in Genomic Testing Triage and Outcomes: The Genomic Consultation Service at BC Children’s and Women’s Hospitals <i>Courtney Cook, BSc, Department of Medical Genetics, Faculty of Medicine, University of British Columbia</i></p> <p>11:00 – 11:20 Scoping Reviews Exploring Genetic Service Utilization and The Clinical Genetics Workforce <i>Kennedy Borle, BSc MSc, Research Genetic Counsellor, University of British Columbia</i></p> <p>11:20 – 11:40 Optimizing Patient Management – Learning from the CAUSES Experience <i>Nicole Liang, BSc, Research Assistant, University of British Columbia</i></p> |

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| | <p>11:40 – 12:00</p> <p>Policy – Legally Recognizing Genetic Counsellors in Canada: Models, Policy Options and Associated Criteria <i>Dr. Ma'n H. Zawati, LL.B. LL.M. Ph.D. (D.C.L.), Executive Director, Centre of Genomics and Policy, McGill University</i></p> |
| 12:00 – 2:00 p.m. | Lunch (provided) with Exhibitors and Committee Meetings |
| 2:00 – 3:15 p.m. | <p>Concurrent Practice-Specific Sessions</p> <p>Presenting your research: why it matters and tips on how to communicate more effectively <i>Shelin Adam, BSc MSc, Research Genetic Counsellor, University of British Columbia</i> <i>Kennedy Borle, BSc MSc, Research Genetic Counsellor, University of British Columbia</i> <i>Dr. Alison Elliott, PhD MS CGC, University of British Columbia</i></p> <p>There and Back Again – The Return to Clinic From Industry <i>Cynthia Handford, MSc CGC CCGC, Genetic Counsellor, Seattle Cancer Care Alliance</i> <i>Oana Morar, Genetic Counsellor, Credit Valley Hospital</i> <i>Rachel Vanneste, MSc CCGC CGC, Laboratory & Clinical Genetic Counsellor, Saskatchewan Health Authority</i></p> <p>Reducing the Risk: One Carrier Test at a Time <i>Angela Bedard, MS, Genetic Counsellor, BC Cancer</i> <i>Jennifer Nuk, MSc CCGC CGC, Clinical Coordinator/Genetic Counsellor, BC Cancer Hereditary Cancer Program</i></p> |
| 3:15 – 3:45 p.m. | <p>Nutrition Break (provided)</p> <p>Passport to Prizes draw</p> |
| 3:45 – 5:00 p.m. | <p>Concurrent Practice-Specific Sessions</p> <p>Going the Extra Mile: How to Reanalyze Clinical Exome Sequencing Data, a Hands-On Workshop for Genetic Counsellors – Part 2: From Phenotype-Derived Gene Panels to Variants of Interest <i>Taila Hartley, MSc (Biochemistry), MSc (Genetic Counselling), Research Genetic Counsellor, Operations Director, Care4Rare Canada</i> <i>Matthew Osmond, MSc, Research Coordinator, Children's Hospital of Eastern Ontario Research Institute</i></p> <p>“Getting Hands-On in Industry”: Equipping Genetic Counselling Students for Industry Roles in an Evolving Canadian Workforce <i>Jessica Hartley, MS CGC, Program Director, MSc in Genetic Counselling, University of Manitoba</i> <i>Tracey Oh, MS, Co-Director Master of Genetic Counselling Program, Clinical Training, University of British Columbia</i> <i>Rachel Vanneste, MSc CCGC CGC, Laboratory & Clinical Genetic Counsellor, Saskatchewan Health Authority</i></p> |
| 6:00 p.m. | <p>CAGC Soirée – “An Evening at The Forks” (5:45 – Meet in the hotel lobby to walk over to the Museum)</p> |
| SATURDAY SEPTEMBER 14 | |
| 7:00 – 8:20 a.m. | Registration & Morning Beverages (provided) |
| 7:00 – 8:15 a.m. | Industry Breakfast Seminar |
| 8:20 a.m. – 12:10 p.m. | <p>Plenary Session 8:20 – 8:40 Opening Remarks and CAGC Leadership Awards</p> |

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| | <p>8:40 – 9:40 Highlighting Student Research – Abstract Session</p> <p>9:40 – 10:10 The Growing Role of Medical Genetics in the Care of Patients with Primary Immunodeficiency <i>Géraldine Gosse, MSc CCGC, Genetic Counsellor, Montreal Clinical Research Institute</i></p> |
| 10:10 – 10:30 a.m. | Nutrition Break (provided) |
| | <p>Plenary Session continues</p> <p>10:30 – 11:15 Research of Prenatal Epigenetic Changes Through Longitudinal Studies <i>Dr. Meaghan Jones, PhD, Assistant Professor, University of Manitoba</i></p> <p>11:15 – 12:00 Review of the Ehlers-Danlos Syndromes, Including Addressing the Elephant in the Room <i>Dr. Alan Rope, MD, Clinical Geneticist, Genome Medical</i></p> |
| 10:30 – 12:10 p.m. | <p>12:00 – 12:10 Closing Remarks</p> |
| <p>CAGC ANNUAL EDUCATION CONFERENCE ADJOURNED</p> | |

Please note: Speakers were selected to present based on their area of expertise; however, the opinions of the speakers are not necessarily reflective of the opinions of the CAGC.