

Presenter	Presentation title	Location	Profile
Dr. Altaf Qadeer	Combining the research visions of various fields to reach new paradigms, with insights from the Holy Quran	Toronto, ON	Dr. Altaf Qadeer is a Member of ESERA (European Science Education Research Association). He has served as the Adjunct Professor and Site-Coordinator at York University. He is also a researcher with YCAR at York University. He has also studied Educating Global Citizens through the professional education program of Harvard Graduate School of Education. He is also a Corresponding Fellow with Robarts Centre for Canadian Studies, York University.
Dr. Mohyuddin Mirza	Mental Health, The Pandemic and The Holy Quran	Edmonton, AB	Dr. Mirza Mohyuddin is a graduate of the University of Alberta. He was an Adjunct Professor at the U of Alberta from 1990 till 2000. He worked as an agricultural scientist and developed hydroponics cultivation methods for greenhouses. In 2014 he was inducted into the Alberta Agriculture Hall of Fame. He received several awards for his service to the agriculture industry and was honored by the Alberta Greenhouse Growers Association by creating a Dr. Mirza Educational and Scholarship Foundation.
Ahmad Zeeshan Bhatti	Climate change induced variations in Canadian water resources and predictions of the Holy Quran	Montague, PE	Mr. Zeeshan Bhatti has completed M. Phil in Water Resources Management, from University of Engineering and Technology Lahore and B.Sc. Agricultural Engineering from University of Agriculture Faisalabad. Presently he is pursuing PhD Environmental Sciences at University of Prince Edward Island, Canada
Dr. Sohail Hussain	Predicting drug-induced pancreatitis due to the leukemia drug asparaginase, using serum metabolomic profiling	CA, USA	Dr. Sohail Z. Hussain is a Pediatric Gastroenterology Physician-Scientist whose overarching research goal is to come up with targeted therapies for exocrine pancreatic disorders, particularly pancreatitis. He serve as Professor of Pediatrics and Chief of the Division of Pediatric Gastroenterology at Stanford University. Prior to Stanford, He was at the University of Pittsburgh for 8 years, and before that, he was at Yale for 10 years. He is also serving as chairman of Ahmadiyya Muslim Scientist Association of USA Jama'at.
Dr. Ijaz A Rauf	Machine Learning for Studying Diabetes	Bradford, ON	Dr. Rauf's research is focuses on the development of space-based instrumentation, data analysis techniques and tools, and space test processes to advance planetary research and to improve the performance and reliability of space systems. He is a member of the York University Argus team that is currently monitoring spectrometer in low Earth orbit on the CanX-2 spacecraft. Also, He is the inventor of a novel construction technology for a space elevator. He graduated with Ph.D. from Cambridge, UK.
Muddassar Rashid	In Search for a novel Wavefunction Ontology	London, UK	Dr. Muddassar Rashid is an experimental physicist, working towards building novel optomechanical experiments for exploring macroscopic quantum physics, nanothermodynamics, metrology, and force sensing. He is Research Associate in King's College London
Dr. Waseem A Syed	The First Step in Searching for God Scientifically	CA, USA	Dr. Syed Waseem Ahmad was blessed to work with Hazrat Chaudhary Muhammad Zafrullah Khan Sahib (ra) from 1973 to 1976 -He obtained BSc in physics at the Imperial College in London, England. He completed PhD in Theoretical Physics under Professor Abdus Salam Sahib. During this time he published several research papers in leading scientific journals. In 1988 he was given the task of executing the work of building of the first mosque in Guatemala and in 1991 the Jama'at Clinic. He was blessed to serve as National Secretary Waqf-e-Jadid. Currently he is serving as National Tabligh Secretary.
Ansar Raza sahib	Science of Rhetoric in Quran	Scarborough, ON	Ansar Raza joined Ahmadiyya Muslim Jama'at in 1982, when he was 24. He dedicated his life for the service of Islam/Ahmadiyyat in 2004. He has served as a teacher in Jamia Ahmadiyya Canada and as editor of the English Section of Ahmadiyya Gazette Canada. Presently he is working as a Missionary in Scarborough and a research Scholar. He has authored a few books including 'Manji – Another Pawn Advanced' written in response to Irshad Manji's book, "The Trouble with Islam" and "Evidence Please"
Dr. Marya Ahmad	Multi-Functional Stimuli Responsive Biomaterials	Charlottetown, PE	Dr. Marya Ahmed is an Assistant Professor at UPEI, she acquired her Ph.D from University of Alberta, Canada in Chemical Engineering. She worked as post doctoral fellow, in the department of Chemical Engineering at California Institute of Technology (Caltech and at the University of Toronto, where she was introduced to the field of peptide synthesis, and peptide drug conjugates. Peptide conjugates were evaluated for their mitochondrial targeting and drug delivery efficacies. Her current research focuses on synthesis of peptide-polymer 'hybrids', peptide nanoparticles and study of their in vitro and in vivo drug delivery efficacies.
Dr. Mahmood Mirza	The use of in-vitro technology to develop stroke thrombectomy devices	Ireland	Dr. Mahmood Mirza currently works as a clinical development manager in Cerenovus, a stroke device company, part of the Johnson and Johnson group of companies. Mahmood graduated as a biomedical engineer from the University of Toronto in 2006, worked in the medical device industry, and then completed medical school in Ireland from the University of Limerick in 2015. Since then, Mahmood has been part of the team called Neuro Thromboembolic Initiative, created to uncover the challenges in treatment of neurovascular diseases. Mahmood has 7 scientific articles and 5 patents credited to his name.
Dr. Waqas Ali Haider	Advanced Energy Materials for Clean and Sustainable Future	Maple, ON	Waqas Ali Haider is PhD in Materials Science and Engineering from Wuhan University of Technology, Wuhan, China. His research interests are in the development of advanced materials and devices electrodes for electrochemical energy storage including batteries and supercapacitors. His prior degree is MPhil in applied physics from Federal Urdu University, Islamabad, with research on Fuel Cell.
Mrs. Zujajun Noor	Application of the Indicator Amino Acid Oxidation Technique	Maple, ON	Mrs. Zujaja-Tul-Noor Zujaja-Tul-Noor Note: She is not presenting today. She has a poster instead. Degree:MS Area of Interest:Sciences
Dr. Karim Sharif	Analyzing Gene Annotations of Muller D and F Elements from Four Sister Drosophila Species and Assessing a Course-based Undergraduate Research Experience (CURE) Under The	USA	Dr. Sharif attended the Govt. Forman Christian College, Lahore for his bachelor's degree which he completed at the Hunter College of the City of New York. He obtained his Ph.D. degree from the City University of New York in 1996 and joined the Comprehensive Cancer Center of the Albert-Einstein College of Medicine as a post-doctoral research fellow. Karim accepted a research associate position at the Weill Cornell Medical College, New York where he continued his scientific research using transgenic mouse models of kidney cancer. Dr. Karim is a Professor of Biology at the Massasoit Community College, in Boston

Dr. Aslam Daud	Qur'anic Principles – Pathway to Peace	Maple, ON	Dr. Aslam Daud is a physician turned a humanitarian relief champion. With more than 30 years of experience in this field, he has led a number of humanitarian relief teams to respond to natural disasters and assist victims. He has also led and organized many medical missions in third world countries. He is currently serving as National Vice President of Ahmadiyya Muslim Community in Canada and also as chairman of Humanity First Canada.
Dr Bushra Farah Nasir	Understanding the associations between mind, body and spirit	Queensland, Australia	Dr. Bushra Farah Nasir has Doctor of Philosophy, Griffith University, Australia. Her Research Interests includes Epidemiology and Public Health, Pharmacogenomics, Precision Medicine / Risk Prediction, Indigenous Health and Mental Health
Dr. Shazia Manan	Antigenic differences between field isolates and a vaccine strain of chicken infectious bursal disease virus	Maple, ON	Dr. Shazia Mannan completed her Ph.D in Biochemistry/Molecular Biology from Quaid-e-Azam University Islamabad in 2007. Then she did her post doctorate from Yorkshire UK. She is working as Assistant Professor at COMSATS University Islamabad since 2008. She has supervised more than 25 BS and MS students. Her research interest are in Molecular studies of bacteria, viruses and phytoplasma. She has presented her research work in several conferences and has published more than 15 research papers.
Dr. Hameed A Mirza	Research Directions from the Holy Qur'an: Invitation to Ahmady Scientists	Maple, ON	Dr. Hameed A. Mirza has a Ph.D. in Metal-Organic Chemistry from the University of Western Ontario, London. He then moved to McGill University and did post-doctoral fellowship in Protein Engineering Center of Excellence. Dr. Mirza is an Adjunct Professor at the International Center of Chemical and Biological Sciences. Dr. Mirza is Chief Scientific Officer at A.S. Chemical Laboratories Inc., a Pharma company. He has published over 45 research papers in peer reviewed international Journals and made over 50 presentations. Currently, Dr. Mirza is also serving as the National Secretary Ta'lim (Education) at the Ahmadiyya Muslim Jama'at Canada as well as the President of Ahmadiyya Muslim Scientists' Association, Canada
Dr. Athar Malik	Neural circuits in the Quran: The reward system	Cambridge, USA	Athar Naveed Malik, M.D., Ph.D., is a neurosurgeon and neuroscientist. He completed his B.S. in Biomedical Engineering from The Johns Hopkins University in 2005. He completed his MD and Ph.D. at Harvard Medical School in Neurobiology. He is currently a resident physician in neurosurgery at Massachusetts General Hospital/Harvard Medical School, and a postdoctoral research fellow at Harvard University. His research has led to scientific publications in prestigious journals including Nature, Cell, Nature Neuroscience.