

UTM FORENSIC SCIENCE DAY 2023 ITINERARY

ROOM: IB110		
TIME	EVENT/SPEAKER	TOPIC
8:30-9:00	Registration	
9:00	Tracy Rogers	Welcome & Land Acknowledgement
MORNING	CHAired BY Shelby Scott, PhD Candidate	SESSION THEMES: ANTHROPOLOGY & DEATH INVESTIGATION
9:10	Kaylee Lustig	Evaluating the Ability of Human Remains Detection Dogs to Locate Frozen Human Tissue
9:20	Katya Goodwin	Testing of Sex Assessment for the Adult Sternum on Individuals of Unknown Ancestry
9:30	Chloe Novogradac	Estimating Adult Age Using CT scans of the Proximal Femur
9:40	Samantha Ribey	Evaluating Multifactorial Approaches to Estimating Age At Death Using Radiographs of the Proximal Femur
9:50	Samantha Pavlidis	Estimating mandible size/shape when generating facial approximations of the deceased
10:00	Rachel Cowie	Evaluating the Extent of Tissue Shrinkage Using Amber: A Proposed Substitute for Formalin
10:10	Cassidy Ferguson	Embalming affect on Osteopontin (OPN) in human bone
10:20	Luca De Giacco	Infant Mortality at the Barrack Hill Cemetery
10:30	Sara Lefurgey	Factors Contributing to the Unnecessary Collection of Ancestral Bone During Faunal Bone Recovery
10:40 – 11:10	COFFEE BREAK	
11:10	Veronica Umerez	A Holistic Data Management Approach for Finding Missing Persons and Unidentified Remains
11:20	Madiha Ansari	Anemia of a Genetic Etiology and its Pathognomic Signs
11:30	Karl Viebock	NSP
11:40	Amy Park	Investigating the Prevalence of Cannabis in Work-Related Deaths in Ontario During Periods Before and After Cannabis Legalization.
11:50	Sarah Garnett	Current Beliefs on Ethical Conduct Regarding DNA Sources: A Critical Literature Review
12:00	Pippa Oxley	Determining the Limitations of ANDE Rapid DNA
12:00 – 1:30	LUNCH AT THE BLIND DUCK PUB	
1:30 – 2:00	Poster Session in IB Forum Space	<i>Note : Poster sessional is open, and overlaps with lunch</i>
AFTERNOON	CHAired BY Shelby Scott, PhD Candidate	SESSION THEMES: PSYCHOLOGY & THE JUSTICE SYSTEM
2:00	Tzu (Julia) Tang	Factors of Wrongful Convictions in Canada and United States of America
2:10	Claudia D'Costa	Risk Factors for Wrongful Convictions in Canada
2:20	Maja Turkalj	How age plays a role in Canadian cases of wrongful conviction
2:30	Thayalin Taiyini	Race & Identification
2:40	Pamela Lekkas	Investigation of Influence from Weapon Presence and Disguise Presence on Eyewitness Misidentifications in Canadian Wrongful Convictions
2:50	Anna Afanasyeva	Conditions in Correctional Facilities and Their Effects on Recidivism Rates
3:00 – 3:20	COFFEE BREAK	
3:20	Ebony Morris	Incarceration and Access to Mental Health Services by Race and Gender
3:30	Devon Cron	Barriers to Accessing Psychiatric Services pre-NCR
3:40	Zarya Powell-Thompson	Toxic Psychosis in Relation to Not Criminally Responsible on Account of Mental Disorder
3:50	Tessa Long	Psychiatric Diagnosis & ORB Duration
4:00	Closing Remarks	
4:00 – 5:00	Reception at the Blind Duck Pub	

ROOM: IB120		
TIME	EVENT/SPEAKER	TOPIC
8:30-9:00	Registration	
9:00	Karen Woodall	Welcome & Land Acknowledgement
MORNING	CHAired BY Grace G. Alcock, PhD Candidate	SESSION THEMES: POLICE IDENTIFICATION & FORENSIC INVESTIGATION
9:10	Camille Zanetti	Forensic Applications Utilizing Thermal Imaging to Locate Thermal Traces on Car Seats
9:20	Auriana Lacson	Forensic Gait Analysis in Eyewitness Testimony: Determining the Ability of an Eyewitness to Preform Gait Analysis in Human Identification
9:30	Lauren Kucher	Wearable Technology - Is it Reliable in Forensic Investigation?
9:40	Riley Howard	The persistence of bloodstains on different finishes of non-porous flooring
9:50	Trudy McKnight	ABO Group/Rh Factor Field Testing of Dried Blood Swabs
10:00	Sarujan Sivakumar	Comparing the Enhancement of Bloody Footwear Impression Developed with Lac Dye and Amido Black
10:10	Simrandeep Pannu	The Comparative Results of Dust Footwear Impressions using the Static Lifter vs Gel Lifter, throughout a Depletion Series
10:20	Renée Lamont	Accuracy of Virtual Lead-In Method
10:30	Sanjeev Chana	Metal Thickness & Impact Angle
10:40 – 11:10	COFFEE BREAK	
11:10	Sahana Pirapakaran	3D Laser Scanner vs. Manual Documentation
11:20	Harjot Malhi	The Use of Liquid Latex for the Removal of Debris and the Recovery of Fingerprint Evidence from Recovered Stolen Vehicles
11:30	Francesca D'Ambrosio	Assessing the performance of Sciluminate on different surfaces
11:40	Marusa Bavakaran	The Effectiveness of ThermoNIN
11:50	Gloria Caetano	Examining the effectiveness of novel infrared powders for developing latent fingerprints on Canadian polymer bank notes
12:00	Nicole Judd	Using Full-Spectrum Photography to Visualize Latent Fingerprints on Difficult Surfaces
12:00 – 1:30	LUNCH AT THE BLIND DUCK PUB	
1:00 – 2:00	Poster Session in IB Forum Space	<i>Note : Poster sessional is open, and overlaps with lunch</i>
AFTERNOON	CHAired BY Grace G. Alcock, PhD Candidate	SESSION THEMES: TOXICOLOGY, BIOLOGY & PHYSICS
2:00	Alexis Rodrigues	The Application of a Slime Compound Containing Fingerprint Enhancement Reagent Hungarian Red
2:10	Alyssa Maxwell	Contact Versus Contactless Fingerprint Development
2:20	Saria Siddiqui	Comparison of Presumptive Tests for Saliva
2:30	Jude Sibai	Canine STR Typing: A proof-of-concept study for Thermo Fisher's Canine Genotypes panel 2.1 Multiplex Kit
2:40	Sona Tissington	Comparing Dog Breed Prediction Methods Using STR Genotyping and Commercial Canine DNA Kits
2:50	Michela Marcellino	Testing for Evidence of Recent Selection at Solute Transport Genes among Diverse Human Populations
3:00 – 3:20	COFFEE BREAK	
3:20	Kairavi Parikh	Association Between Genetic Variants in Contactin Genes and Suicidality
3:30	Alvin Stanislaus	Evaluating the Efficacy of Adolescent Opioid Education Workshops
3:40	Cassie Cote	Evaluation of Cold Temperatures on Reliability of the Dräger DrugTest 5000 and SoToxa Mobile Test Systems for Oral Fluid Drug Testing
3:50	Idris Abdul	Adsorption of THC, Metabolites and Related Cannabinoids During Storage of Plasma Samples in Gel Separator Tubes
4:00	Closing Remarks	
4:00 – 5:00	Reception at the Blind Duck Pub	