

Program Agenda (The Schwartz Reisman Innovation Campus - 2/F - 108 College St)

Time	Session	Speakers
8:30 – 9:00	Registration (30 mins)	
9:00 – 9:10	MPR Welcome Remarks	Laura Dawson / Chair, UTDRO Shane Harding and Jennifer Kwan / STARS21 Co-Directors
Multipurpose Room (MPR)	Oral Presentations 1 (5 mins talk + 2 mins Q&A) Judges: Scott Bratman, Jennifer Kwan Moderator: Deepak Dinakaran	
Oral# & Time	Title	Presenters
#01-07 9:10 – 9:59	Is Reirradiation Spine SBRT with Spinal Cord Doses Exceeding HyTEC Constraints Safe and Effective? #01	Terence Tang , <i>Radiation Oncology Fellow</i> Supervisor: Arjun Sahgal, Jay Detsky
	The Role of Stereotactic Body Radiotherapy in Oligoprogressive Renal Cell Carcinoma: A Site-Specific Analysis of the Phase II RADIANT Trial #02	Neelabh Rastogi , <i>Radiation Oncology Resident</i> Supervisor: Rachel Glicksman
	Sexual Dysfunction in Cervix Cancer Survivors after Surgery and/or Radiochemotherapy: A Bayesian Network Analysis Based on the SENECA Study Cohort #03	Adriel Ngo , <i>Graduate Student</i> Supervisor: Monica Serban
	Cardiac Adverse Events Following Post-Operative Radiation Therapy in Patients with Thymomas #04	Oded Icht , <i>Radiation Oncology Fellow</i> Supervisor: Andrew Hope
	Re-irradiation for Recurrent Paediatric Diffuse Midline Glioma: An International, Multi-institutional Retrospective Study #05	Ajay Thomas Alex , <i>Radiation Oncology Fellow</i> Supervisor: Derek Tsang
	Radiation Therapy for Gynaecological Cancers: Effects of Sense of Coherence on Outcomes and Patient Experience #06	Anita Vloet , <i>STARS21 Scholar</i> Supervisor: Michael Velec, Yat Tsang
	Breast Cancer Recurrence in BRCA Carriers after Breast Conserving Therapy versus Mastectomy – A Retrospective Review #07	Caroline Hircock , <i>Radiation Oncology Resident</i> Supervisor: Edward Chow
10:00 – 10:10	EDI in Research Advancing Inclusive Practices in Programs, Trials, and Grants	Jennifer Croke / Director, Equity, Diversity, Inclusion and Professionalism, UTDRO
10:10 – 10:15	Transit Time Between Sessions (5 mins)	

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Assigned screen locations

Poster Discussion 1 (3 mins talk + 2 mins Q&A)
Screen assignment: S1 = Screen 1; S2 = Screen 2, etc.

Poster# & Time	Title, Screen # – Poster #	Presenters	Judges
Poster 1.1 #P1-6 10:15 – 10:20	International Practice Patterns in the Management of Limited Stage Small Cell Lung Cancer S1 – #P1	Neelabh Rastogi , <i>Radiation Oncology Resident</i> Supervisor: Alexander Louie, Michael Tjong, Amir Safavi	Jay Detsky, Kathy Han
	Trends in the Surgical Management of Breast Cancer in Alberta S2 – #P2	Sagar Grewal , <i>Radiation Oncology Resident</i> Supervisor: Lashan Peiris (non-UTDRO/STARS21)	Shane Harding, Kang Liang Zeng
	Factors Associated with Non-Completion of Palliative Radiation Therapy in Patients with Metastatic Cancer S3 – #P3	Oded Icht , <i>Radiation Oncology Fellow</i> Supervisor: Jillian Tsai	May Tsao, Yat Tsang
	Patterns of Practice in Thoracic Reirradiation in Ontario: A Department-Level Survey S4 – #P4	Geraldine Murphy , <i>Radiation Oncology Fellow</i> Supervisor: Andrea Bezjak, Jean-Pierre Bissonnette	Patricia Lindsay, John Cho
	Outcomes Following Stereotactic Body Radiotherapy (SBRT) for Melanoma Spine Metastases S5 – #P5	Maleeha Qazi , <i>Radiation Oncology Resident</i> Supervisor: Philip Wong	David Hodgson, Deepak Dinakaran
	APP4-guided Selection of Active Surveillance versus SBRT for Favorable-risk Prostate Cancer: Pooled Prospective Registry and Trial Outcomes S6 – #P6	Ruben Del Castillo , <i>Radiation Oncology Fellow</i> Supervisor: Andrew Loblaw	Amir Safavi, Anne Koch
Poster 1.2 #P7-12 10:25 – 10:30	Improving Timeliness of Oncology Consultation: Impact of a Rapid-Access Radiotherapy Model S1 – #P7	Vikas Kaushik , <i>Patient Flow Coordinator</i> Supervisor: Jillian Tsai	Jay Detsky, Kathy Han
	From Diagnosis to Treatment: Leveraging Diagnostic CT (dCT) Scans for Planning Palliative Radiation Therapy (PRT) S2 – #P8	Mandeep Singh Reen , <i>Physics Resident</i> Supervisor: Catherine Neath, Christopher Dydula	Shane Harding, Kang Liang Zeng
	The Role of Stereotactic Body Radiotherapy in Oligoprogressive Breast Cancer: A Site-Specific Analysis of the Prospective, Phase-II RADIANT Trial S3 – #P9	Kara Ruicci , <i>Radiation Oncology Resident</i> Supervisor: Rachel Glicksman	May Tsao, Yat Tsang
	Comparative Evaluation of a Multi-View Ensemble Architecture for Target Segmentation in MR-Guided HDR Brachytherapy S4 – #P10	Soroush Ghomashchi , <i>Graduate Student</i> Supervisor: Alexandra Rink	Patricia Lindsay, John Cho
	Improving Radiotherapy Decision-Making in Older Adults With Head and Neck Cancer: The Impact of Geriatric Assessment S5 – #P11	Colin Faulkner , <i>Radiation Oncology Resident</i> Supervisor: Aruz Mesci	David Hodgson, Deepak Dinakaran
	Salvage Re-Irradiation Using MRI-Planned Interstitial Brachytherapy for Recurrent Gynecological Tumors in the Pelvis S6 – #P12	Spencer, Hsin-pei Hu , <i>Radiation Oncology Fellow</i> Supervisor: Eric Leung	Amir Safavi, Anne Koch

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Poster 1.3 #P13-17 10:35 – 10:40	Quality of Life in Children treated with Re-Irradiation for Diffuse Intrinsic Pontine Gliomas: A Prospective Study S1 – #P13	Jane Jomy , <i>Medical Student</i> Supervisor: Derek Tsang	Jay Detsky, Kathy Han
	Preliminary Dosimetric Results from a Phase II Randomized Trial on the Effects of Delayed Elective Radiotherapy in Head and Neck Squamous Cell Carcinoma S2 – #P14	George Li , <i>Radiation Oncology Resident</i> Supervisor: Andrew McPartlin	Shane Harding, Kang Liang Zeng
	Adaptive Radiotherapy in the 0-7-21 Regimen: A Retrospective Study of Tumor Volumetric Response S3 – #P15	Dana Bartolucci , <i>Radiation Oncology Resident</i> Supervisor: Philip Wong	May Tsao, Yat Tsang
	Progression-Free Survival and Objective Response Rate as a Surrogate Endpoint for Overall Survival in Metastatic Renal Cell Carcinoma: A Systematic Review and Meta-Analysis S4 – #P16	Russell Leong , <i>Medical Student</i> Supervisor: Ege Babadagli	Patricia Lindsay, John Cho
	Prognostic Value of Impaired Vocal Cord Mobility in T2N0 Glottic Cancer Treated with IMRT S5 – #P17	Alexander Ruhle , <i>Radiation Oncology Fellow</i> Supervisor: Ezra Hahn	David Hodgson, Deepak Dinakaran

10:40 – 11:00

Morning Break (20 minutes)

Oral Presentations 2 (5 mins talk + 2 mins Q&A)

Judges: Scott Bratman, Jennifer Kwan

Moderator: Badr Id Said

Multipurpose Room (MPR)

Oral# & Time	Title	Presenters
#O8-O13 11:00 – 11:42	Adjuvant Breast Re-irradiation After Ipsilateral Recurrence: Dose–Toxicity Relationships and Long-Term Outcomes With External Beam Radiotherapy #O8	Suman Gopal Ghosh , <i>Radiation Oncology Fellow</i> Supervisor: Gregory Czarnota
	Association of CT-Detected Proximal Airway Obstruction with Clinical Airway Events and Survival in Patients Receiving Palliative Thoracic Radiotherapy #O9	Aly Muhammad Ladak , <i>Medical Student</i> Supervisor: Jillian Tsai
	MR-Guided Stereotactic Radiotherapy for Oligometastatic Prostate Cancer: Towards Optimal Patient Selection #O10	Levi Burns , <i>Radiation Oncology Resident</i> Supervisor: Andrew McPartlin
	Dosimetric Predictors of Pneumonitis in Patients with Localized HER2-Positive Breast Cancer Receiving Radiotherapy and Trastuzumab-Emtansine #O11	Hannah Bacon , <i>Radiation Oncology Resident</i> Supervisor: Anne Koch
	Learning to Adapt: Initial Clinical Experience with Online Adaptive Radiotherapy for Cervical Cancer #O12	Elena Riggerbach , <i>Radiation Oncology Fellow</i> Supervisor: Kathy Han, Tony Tadic
	Informational Needs of Caregivers of Head and Neck Cancer Patients #O13	Alvin Qiu , <i>Radiation Oncology Resident</i> Supervisor: Meredith Giuliani, Janet Papadakos

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11:45 – 12:30 (35 mins talk + 10 mins Q&A)	Keynote Address From Research to Impact: Commercialization, IP, and Innovation in Universities and Hospitals	Shiri Breznitz / University of Toronto (Introduction: David Hodgson)	
12:30 – 1:30	Lunch (60 minutes)		
Assigned screen locations	Poster Discussion 2 (3 mins talk + 2 mins Q&A) Screen assignment: S1 = Screen 1; S2 = Screen 2, etc.		
Poster# & Time	Title	Presenters	Judges
Poster 2.1 #P18-23 1:30 – 1:35	A Prospective Audit of Thoracic Reirradiation Practice and Peer-Review in a High-Volume Academic Center S1 – #P18	Geraldine Murphy , <i>Radiation Oncology Fellow</i> Supervisor: Andrea Bezjak	Marianne Koritzinsky, Badr Id Said
	Impact of Immobilisation on Patient Comfort on the MR Linac: Results of a Patient Experience Questionnaire S2 – #P19	Rebecca Riding , <i>External/visiting STARS21 Scholar</i> Supervisor: Cynthia Eccles	Shane Harding, Barbara-Anne Millar
	Spatially Fractionated Radiotherapy (SFRT) is a Treatment Option for Previously Irradiated Bulky Disease in the Palliative Setting S3 – #P20	Levi Burns , <i>Radiation Oncology Resident</i> Supervisor: Jelena Lukovic	Patricia Lindsay, Hossein Afsharpour
	Circulating H3K27me3 Chromatin Profiling as a Liquid Biopsy Biomarker in Small Cell Lung Cancer S4 – #P21	Aleem Aamir , <i>STARS21 Scholar</i> Supervisor: Scott Bratman, Benjamin Lok	Mike Milosevic, Dylan Yamabe Breitkreutz
	Development Of A Radioresistance Gene Signature To Guide Radiotherapy In Prostate Cancer S5 – #P22	Taha Lodhi , <i>STARS21 Scholar</i> Supervisor: Ananya Choudhury	Anthony Lausch, Philip Wong
	Identifying Lead Compounds for a Targeted Protein Degradator of Peroxiredoxin 4 S6 – #P23	Norman Fu , <i>STARS21 Scholar</i> Supervisor: Marianne Koritzinsky	Beibei Zhang, Catherine Coolens
Poster 2.2 #P24-29 1:40 – 1:45	An Analysis of Oncology Content in the Curriculum of a Canadian Medical School S1 – #P24	Jane Jomy , <i>Medical Student</i> Supervisor: May Tsao	Marianne Koritzinsky, Badr Id Said
	Statistical Shape Modelling of the Pelvis from Radiotherapy Planning CT to Predict Sacral Insufficiency Fractures S2 – #P25	Artemis Bouzaki , <i>STARS21 Scholar</i> Supervisor: Azadeh Abravan, Alan McWilliam, Claire Higham	Shane Harding, Barbara-Anne Millar
	Elucidating Radiation-induced Fibrosis through a Spatiotemporal Transcriptomics Approach in a Murine Model S3 – #P26	Tirthankar Ray , <i>STARS21 Scholar</i> Supervisor: Fei-Fei Liu	Patricia Lindsay, Hossein Afsharpour
	Mitigation of Gastrointestinal Acute Radiation Syndrome by Promoting Clusterin-Mediated Intestinal Regeneration S4 – #P27	Mardi Fink , <i>Post Doc Research Fellow</i> Supervisor: David Kirsch	Mike Milosevic, Dylan Yamabe Breitkreutz
	Defining the Role of the Hypoxic Microenvironment in Soft Tissue Sarcoma Metastasis S5 – #P28	Nathan Symss , <i>Graduate Student</i> Supervisor: David Kirsch	Anthony Lausch, Philip Wong
Biophysical Enhancement of Radiation-Activated Photodynamic Therapy (radioPDT) for Brain Tumor Models S6 – #P29	Manjusha Muralidharan , <i>Research Fellow</i> Supervisor: Deepak Dinakaran	Beibei Zhang, Catherine Coolens	

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Poster 2.3 #P30-35 1:50 – 2:00	Perspectives and Reflections on Implementing Excellence in Person-Centred Care for Radiation Therapists (PRIME-PCC): A National Assessment of Practice S1 – #P30	Caroline Marr, STARS21 Scholar Supervisor: Yat Tsang, Michael Velec	Marianne Koritzinsky, Badr Id Said
	Assessing Detector Usage in Gamma Knife Dosimetry S2 – #P31	Tasnim Rahman, Graduate Student Supervisor: Catherine Coolens, Jan Seuntjens	Shane Harding, Barbara-Anne Millar
	Beamline Simulations of a Dielectric Wall Accelerator for Low-Cost Proton Therapy S3 – #P32	Jamiel Nasser, STARS21 Scholar Supervisor: Jan Seuntjens	Patricia Lindsay, Hossein Afsharpour
	CT-Based Deep Learning Segmentation of Paediatric Brain Substructures to Enable Retrospective Dose-Response Analysis Across Tumour Types S4 – #P33	Chelsea Sargeant, External/visiting STARS21 Scholar Supervisor: Marianne Aznar	Mike Milosevic, Dylan Yamabe Breikreutz
	Contrast Enhanced Cone Beam CT Capabilities of Halcyon with HyperSight S5 – #P34	Riley McMaster, Graduate Student Supervisor: Catherine Coolens	Anthony Lausch, Philip Wong
	Self-Supervised Deep Learning for Automated Segmentation in MR-Guided High Dose-Rate Brachytherapy S6 – #P35	Caleb Thompson, STARS21 Scholar Supervisor: Alexandra Rink	Beibei Zhang, Catherine Coolens
Poster 2.4 #P36-41 2:05 – 2:10	Development of a Clinically Viable Radiochromic Formulation for Real-Time Dosimetry S1 – #P36	Rachel Shum, Post Doc Research Fellow Supervisor: Alexandra Rink	Marianne Koritzinsky, Badr Id Said
	<i>(Presenter withdrawn due to personal reasons)</i> S2 – #P37	N/A	N/A
	Commissioning of MobiusCB: Patient CBCT QA for Clinical use in External Beam Radiation Therapy S3 – #P38	Stephen Collins, Physics Resident Supervisor: Michael Jensen, Melinda Chi	Patricia Lindsay, Hossein Afsharpour
	Cervical Cancer Visualization with D-Glucosamine CEST-MRI S4 – #P39	Madeline Rapley, Graduate Student Supervisor: Alexandra Rink	Mike Milosevic, Dylan Yamabe Breikreutz
	Medical Image Synthesis for Expediting the Diagnosis to Treatment Pathway In Radiation Oncology S5 – #P40	Sophia Lollino, STARS21 Scholar Supervisor: Tom Purdie	Anthony Lausch, Philip Wong
	Monte Carlo Modelling of Well Chamber Response for Calibration of Diffusing Alpha-emitter Radiation Therapy Brachytherapy Seeds S6 – #P41	Helena Koniar, Physics Resident Supervisor: Hossein Afsharpour	Beibei Zhang, Catherine Coolens
2:10 – 2:15	Transit Time Between Sessions (5 mins)		

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Multipurpose Room (MPR)		Oral Presentations 3 (5 mins talk + 2 mins Q&A) Judges: David Shultz, Alex Vitkin Moderator: Amir Safavi	
Oral# & Time	Title	Presenters	
#O14-19 2:15 – 2:57	Advancing Treatment of Skeletal Metastases: Radiation-Induced Photodynamic Therapy (RadioPDT) with Novel Nanoparticles #O14	Azin Mirzajavadkhan , <i>Graduate Student</i> Supervisor: Deepak Dinakaran	
	p53 Coordinates Nucleotide Metabolism and Replication Fidelity to Enforce Chromosomal Stability #O15	Risha Banerjee , <i>Graduate Student</i> Supervisor: David Kirsch	
	Analyzing the Links Between Radiation, DNA Sensing and the Immune Response in Lung Cancer #O16	Jana Klümper , <i>External/visiting STARS21 Scholar</i> Supervisor: Alexander Schramm	
	Treatment of Orthotopic U251-Luc Human GBM Tumours in Mice Using Auger Electron-Emitting 197Hg-Gold Nanoparticles Administered by Convection-Enhanced Delivery #O17	Madeline Brown , <i>STARS21 Scholar</i> Supervisor: Raymond Reilly	
	radioPDT Mediated Drug Release as a Novel Strategy for the Treatment of Brain Cancer #O18	Muhammad Rafiq , <i>Post Doc Research Fellow</i> Supervisor: Deepak Dinakaran	
	IL-17A Mediates Extracellular Matrix Remodeling and Disease Progression in Cancer-related Lymphedema #O19	Jeffrey, Chong Wa To , <i>STARS21 Scholar</i> Supervisor: Jennifer Kwan	
3:00 – 3:30	Afternoon Break (30 minutes) + Poster Viewing		
3:00 – 3:24	Pre-function Area	Poster Viewing (4 minutes/poster) <i>Screen assignment: S2 = Screen 2; S3 = Screen 3, S4 = Screen 4</i>	
Poster# & Time	Title	Abstract Submitter	
PV1 #P42-44 3:00 – 3:04	Integrity of Delivered Dose in Temporally Fractionated Lattice Radiotherapy amid Anatomical Changes and Setup Uncertainties S1 – #P42	Naiyuan Liu , <i>Research Assistant</i> Supervisor: Monica Serban	
	Re-irradiation of Intrahepatic Malignancies: A Single-Institution, Retrospective Study S2 – #P43	Dana Bartolucci , <i>Radiation Oncology Resident</i> Supervisor: Aruz Mesci	
	Review of Breast Re-Irradiation in a Tertiary Cancer Centre S3 – #P44	Caroline Hircock , <i>Radiation Oncology Resident</i> Supervisor: Irene Karam	

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PV2 #P45-47 3:04 – 3:08	Circulating HPV DNA as a Biomarker for Tumour Burden and Treatment Response in Anal Cancer: Systematic Review of Existing Evidence and Ongoing LIBERATE Cohort Analysis S1 – #P45	Henry Wong , <i>Radiation Oncology Fellow</i> Supervisor: John Kim
	12-Month Radiographic Disease Control Predicts Survival After Radical Radiotherapy for NSCLC S2 – #P46	Hebatalla Abdelaal , <i>External/visiting STARS21 Scholar</i> Supervisor: Corinne Faivre-Finn
	DART-CBCT: Dose Accumulation for Robust Tangents using CBCT (Focus: Evaluating Open Beam Proportion in 5-Fraction Tangential Breast) S3 – #P47	Amandeep Bains , <i>Physics Resident</i> Supervisor: Daria Comsa
PV3 #P48-50 3:08 – 3:12	Uncertainty Quantification of AI Predictions of Patient-Specific Quality Assurance Measurements S1 – #P48	Rachel Cassidy , <i>Graduate Student</i> Supervisor: Tom Purdie
	INEX RT – Exploiting Inhale and Exhale Breath Hold RT to Improve the Therapeutic Ratio in Upper Abdominal Cancers S2 – #P49	Ian Gerard , <i>Radiation Oncology Fellow</i> Supervisor: Laura Dawson
	A Clinical Information-Based Soft Contrastive Loss for Self-Supervised Learning in Cervical Cancer Radiotherapy S3 – #P50	Ryan Yan , <i>Graduate Student</i> Supervisor: Alexandra Rink
PV4 #P51-53 3:12 – 3:16	Finding Joy at Work: Perspectives from Radiation Oncology Staff Physicians and Residents/Fellows at a Regional Cancer Centre S1 – #P51	Russell Leong , <i>Medical Student</i> Supervisor: Ege Babadagli
	Virtual vs Telephone Education in Radiotherapy – A Randomized Trial S2 – #P52	Alvin Cuni , <i>STARS21 Scholar</i> Supervisor: Michael Velec, Yat Tsang
	Biomarkers for Response Following Whole Liver Radiotherapy for Painful Liver Cancer S3 – #P53	Ian Gerard , <i>Radiation Oncology Fellow</i> Supervisor: Laura Dawson
PV5 #P54-55 3:16 – 3:20	Inferring Whole Transcriptomic Profiles from Live-cell Phase Contrast Microscopy Images through Domain Adaptation and Gated Attention with PENNE S1 – #P54	Richard, Zhi Fei Dong , <i>STARS21 Scholar</i> Supervisor: Gregory Schwartz
	Blood Vessels, Blood Flow and Oxygenation of Solid Tumours: A Comprehensive Preclinical Evaluation with Optical Coherence Tomography and Fluorescence Microscopy S2 – #P55	Hector Alex Contreras , <i>Graduate Student</i> Supervisor: Alex Vitkin, Edward Taylor

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Multipurpose Room (MPR)		Oral Presentations 4 (5 mins talk + 2 mins Q&A) Judges: David Shultz, Alex Vitkin Moderator: Dylan Yamabe Breitkreut	
# & Time	Title	Presenters	
#O20-25 3:30 – 4:12	DCE-MRI–Based Quantification of Tumour Transport and Microenvironment Heterogeneity Using the Cross-Voxel eXchange Model #O20	Janny Kim , <i>STARS21 Scholar</i> Supervisor: Catherine Coolens	
	Quantifying the Impact of Growth, Pathology and Imaging Sequence on Spatial Normalisation for Paediatric Late Effect Research #O21	Denis Page , <i>External/visiting STARS21 Scholar</i> Supervisor: Marianne Aznar	
	Atlas-based Prediction of Plan Quality and Treatment Time for Gamma Knife Stereotactic Radiosurgery of Brain Metastases #O22	Nico Arezza , <i>Physics Resident</i> Supervisor: Anthony Lausch, Robert Heaton, Catherine Coolens	
	Molecular and Clinical Correlates of Extrachromosomal DNA in Oral Squamous Cell Carcinoma #O23	Lucas Penny , <i>Graduate Student</i> Supervisor: Scott Bratman	
	Human Papillomavirus Circulating Tumor DNA for Risk Stratification in Cervical Cancer #O24	Emma Collier , <i>Graduate Student</i> Supervisor: Scott Bratman	
	Atomically Precise NHC-Stabilized Gold Nanoclusters for Enhanced Photodynamic and X-Ray–Activated Cancer Therapy #O25	Hetvi Shah , <i>STARS21 Scholar</i> Supervisor: Gang Zheng	
4:15 – 4:30	Closing Remarks	David Hodgson / Vice-Chair, Research, UTDRO	
4:30 – 6:00	Pre-function Area	Social + Award Presentation (starts at 5:00 PM)	