CURRICULUM VITAE

Natasha Leighl

POSITION TITLE: Director, Division of Medical Oncology & Hematology, & UHN-SH Department of Medicine, Princess Margaret Cancer Centre, University Health Network, Toronto, Ontario, Canada; Professor, Faculty of Medicine, University of Toronto; Staff Physician, Division of Medical Oncology & Hematology, Princess Margaret Cancer Centre

EDUCATION/TRAINING:

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
University of Newcastle, NSW, Australia	MMedSc	07/2001	Clinical Epidemiology
Royal Prince Alfred Hospital, NSW, Australia		06/2001	Clinical Oncology Fellow
Princess Margaret Hospital/University Health Network, ON, Canada		07/2000	Clinical Research Fellow
University of Toronto, ON, Canada		06/1999	Medical Oncology Residency Training
University of Calgary, AB, Canada		06/1997	Internal Medicine Residency Training
University of Toronto, ON, Canada	MD	06/1994	Medicine
Queen's University, ON, Canada	BSc	01/1992	Life Sciences

RESEARCH INTERESTS/ACADEMIC FOCUS:

As a Clinician Investigator, my primary interest is to improve outcomes for lung cancer patients on a global scale. I am the Director of the Division of Medical Oncology & Hematology and former site lead for the Medical Oncology Thoracic Group at the Princess Margaret Cancer Centre, an internationally recognized institution with the largest comprehensive cancer program in Canada. I have authored over 400 peer-reviewed articles and held over $7,000,000 in peer-reviewed grant funding. My independent research program focuses on two major areas, personalized health services and clinical trials of novel agents in lung cancer, with my contributions in both areas leading to conceptual advances with significant international impact in the field of lung cancer clinical research.

With respect to promoting best practices in lung cancer management, I have maintained an influential leadership role in guideline development internationally, and contribute to research efforts of multiple organizations nationally and internationally (ASCO, IASLC, CCO, Health Canada, pCODR) to improve lung cancer care. In addition, I have received multiple international high profile CME invitations on lung cancer management, patient outcomes and costs, and been invited as a discussant at renowned international meetings. I provide expert mentorship on best practices for research in the next generation of medical oncologists, many of which have obtained successful posts at leading academic centres and continue to collaborate in research endeavors with The Princess Margaret. In the area of personalized medicine, I chaired an international panel on molecular testing, have conducted original research in the area of costs of personalized medicine in lung cancer with resulting international invitations to present my research and international debate. I have been invited to write several editorials in the areas of lung cancer, personalized medicine and drug development in high tier journals, and have held the section editor role for 3 journals (JTO – journal of the IASLC, Oncologist, Current Oncology) as well as been on the editorial board for the Journal of Clinical Oncology. Further, I serve on several Clinical Practice Guidelines Committees for the American Society of Clinical Oncology (ASCO), the Royal College of Physicians and Surgeons of Canada Medical Oncology Examination Board and the International Association for the Study of Lung Cancer (IASLC) Career Development and Continuing Education Committees, and past President of Lung Cancer Canada (2009-2016). In all these areas, I have been recognized as an international

expert and contributor at the forefront of best practices in lung cancer, drug development in lung cancer and the incorporation of personalized medicine into our daily practice.

SELECT WORK AFFILIATIONS/APPOINTMENTS:

2023 - 2024	2024 ASCO Breakthrough Program Committee; ASCO Special Awards Committee
2021	Co-Chair, European Society for Medical Oncology (ESMO) Education Committee
2018	Fellow, American Society of Clinical Oncology
2017 - 2018	Co-Chair, Lung Cancer Canada Advocacy Commit, Board
2017 - present	Professor, Dalla Lana School of Public Health, Institute of Health Policy, Management and Evaluation, Ontario, Canada
2016 - 2020	Chair, Canadian Cancer Trials Group (CCTG) BR.34 Study
2016 - present	Professor, Faculty of Medicine, University of Toronto, Canada
2014 - 2018	Co-President, International Association for the Study of Lung Cancer (IASLC) 19th World Conference on Lung Cancer Congress Co-President, Continuing Education
2012 - 2022	OSI Pharmaceuticals Foundation Chair in Cancer New Drug Development, Princess Margaret Cancer Foundation, Medicine, University of Toronto, Toronto, Ontario, Canada
2011 - 2025	Lung Site Lead, Princess Margaret Cancer Centre
2010 - present	Chair, National Cancer Institute of Canada (NCIC) BRC.2 Study (International Cooperative Group Trial US NCI E1505)
2001 - present	Staff Physician, Medicine, Division of Medical Oncology & Hematology, Princess Margaret Cancer Centre, Canada; Courtesy privileges, Mount Sinai Hospital, Canada

SELECT PUBLICATIONS:

Complete List of Publications (449 as of Jun 2025): Pubmed: Natasha B. Leighl Scopus: Natasha B. Leighl

a. **Senior Responsible Author**. García-Pardo M, Czarnecka-Kujawa K, Law JH, Salvarrey AM, Fernandes R, Fan ZJ, Waddell TK, Yasufuku K, Liu G, Donahoe LL, Pierre A, Le LW, Gunasegaran T, Ghumman N, Shepherd FA, Bradbury PA, Sacher AG, Schmid S, Corke L, Feng J, Stockley T, Pal P, Rogalla P, Pipinikas C, Howarth K, Ambasager B, Mezquita L, Tsao MS, **Leighl NB**. Association of Circulating Tumor DNA Testing Before Tissue Diagnosis With Time to Treatment Among Patients With Suspected Advanced Lung Cancer: The ACCELERATE Nonrandomized Clinical Trial. JAMA Netw Open. 2023 Jul 3;6(7):e2325332. doi: 10.1001/jamanetworkopen.2023.25332. PMID: 37490292; PMCID: PMC10369925.

b. **Senior Responsible Author**. Perdrizet K, Stockley TL, Law JH, Smith A, Zhang T, Fernandes R, Shabir M, Sabatini P, Youssef NA, Ishu C, Li JJ, Tsao MS, Pal P, Cabanero M, Schwock J, Ko HM, Boerner S, Ruff H, Shepherd FA, Bradbury PA, Liu G, Sacher AG, **Leighl NB**. Integrating comprehensive genomic sequencing of non-small cell lung cancer into a public healthcare system. Cancer Treat Res Commun. 2022;31:100534. doi: 10.1016/j.ctarc.2022.100534. Epub 2022 Feb 18. PMID: 35278845.

c. **Senior Responsible Author**. Kuang S, Fung AS, Perdrizet KA, Chen K, Li JJN, Le LW, Cabanero M, Karsaneh OAA, Tsao MS, Morganstein J, Ranich L, Smith AC, Wei C, Cheung C, Shepherd FA, Liu G, Bradbury P, Pal P, Schwock J, Sacher AG, Law JH, Stockley TL, **Leighl NB**. Upfront Next Generation Sequencing in Non-Small Cell Lung Cancer. Curr Oncol. 2022 Jun 22;29(7):4428-4437. doi: 10.3390/curroncol29070352. PMID: 35877212; PMCID: PMC9319994.

SELECT GRANTS (Peer-Reviewed):

2025 - 2026	**Co-Principal Investigator.** Lung Track: Circulating Tumor DNA for Post-Treatment Surveillance in Early-Stage NSCLC. University of Toronto Temerty Faculty of Medicine. Hold'em for Life Oncology Fellowship. 50,000 CAD.
2024 - 2025	**Principal Investigator.** DISCOVERing New Targets with Liquid Biopsy in Patients with Lung Cancer. Lung Cancer Canada. Lung Ambition Alliance. 50,000 CAD.
2021 - 2023	**Principal Applicant**. Right Person, Right Treatment, Right Time. Pfizer Canada ULC. Global Quality Improvement Grants. 68742627. PI: **Leighl, Natasha**. 195,000 CAD.

Zhen (Jason) Fan
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Email: zhenjason.fan@uhn.ca

Education

Jul 2024 – Jun 2026	**Medical Oncology Residency** University of Toronto, Toronto, Ontario
Jul 2021 – Jun 2024	**Core Internal Medicine Residency** University of Toronto, Toronto, Ontario
Sep 2017 – May 2021	**Doctor of Medicine (MD)** University of Toronto, Toronto, Ontario
Sep 2013 – May 2017	**Bachelor of Health Sciences (BHSc)** McMaster University, Hamilton, Ontario

Awards and Honours

Jun 2020	**Medicine Clinical Clerkship Performance Award** University of Toronto, Toronto, Ontario Achieving high academic standing in the Internal Medicine Clerkship at the University of Toronto
Oct 2019	**Access Innovation Award - Honourable Mention** Trillium Health Partners, Mississauga, Ontario Awarded for research initiative aiming to expand the role of telemedicine and remote-patient care in oncology at Credit Valley Hospital
May – Aug 2018	**Comprehensive Research Experience for Medical Students (CREMS) Summer Scholarship** University of Toronto, Toronto, Ontario Competitive summer studentship for undergraduate medical student research
May 2018	**Mach-Gaensslen Foundation of Canada** University of Toronto, Toronto, Ontario Competitive funding towards undergraduate medical student oncology research
May 2017	**CIHR Canadian Graduate Scholarships Master's Program (Banting and Best Scholarship)** – declined McMaster University, Hamilton, Ontario

Research Experience

Jan 2021 – present	**Turn-Around Times in Biomarker Testing in Advanced Non-Small Cell Lung Cancer** Dr. Natasha Leighl, Princess Margaret Cancer Center, Toronto, Ontario Examined turnaround times in biomarker testing and outcomes across three different molecular testing platforms

Jan 2019 – Mar 2020	**Implementing At-Home Patient Reported Outcomes to Improve Care for Gastrointestinal Cancer Patients** Dr. Charles Lim, Trillium Health Partners, Mississauga, Ontario Developed and led quality improvement project with Cancer Care Ontario using Your Symptoms Matter to remotely monitor patient-reported outcomes in esophageal patients
May – Sep 2018	**Feasibility Testing of a Remote-Symptom Reporting Application in Cancer Patients Undergoing Systemic Treatment: Knowledge Translation Research** Dr. Geoffrey Liu, Princess Margaret Hospital, Toronto, Ontario Quality improvement project examining feasibility and barriers to implementation of a remote symptom monitoring electronic platform in lung cancer patients on treatment

Poster Presentation

1) **Fan J,** Tudor R, Le L, Law J, Kuang S, Meti N, Fung A, Perdrizet K, Chen K, Li J, Ghumman N, Ranich L, Wei C, Sabatini P, Tsao M-S, Leighl N, Cabanero M. Evolution of biomarker testing among non-squamous non-small cell lung cancer patients and impact on turnaround times. Poster presented at: ASCO 2023; 2023 June; Chicago, USA
2) Chen S, **Fan ZJ**, Fox C, Lynden C, Wills A, Lim C. Implementing at-home patient reported outcomes to improve care for gastrointestinal cancer patients. Poster accepted but not presented at: Canadian Association of Medical Oncologists Annual Meeting; 2020 April; Toronto, Canada
3) **Fan J**, Nagaratnam S, Lee S, Harris J, De Guia C, Brown M, Kooner S, Liu G. A remote-symptom reporting (RSR) mobile application for lung cancer and sarcoma patients in an outpatient clinic: environmental scan and readiness assessment. Poster presented at: MASCC/ISOO 2019; 2019 June; San Francisco, USA

Publications

1) Feng, J., Hueniken, K., **Fan, Z. J.,** Zhan, L. J., Faour, E., Corke, L., Alghabban, A., Leighl, N. B., Liu, G., Bradbury, P. A., Sacher, A., Eng, L., Stockley, T. L., Tsao, M. S., & Shepherd, F. A. (2025). Prognostic and predictive effects of TP53 co-mutation in patients with non-small cell lung cancer with rare treatable driver mutations. *Lung Cancer*, 108452. https://doi.org/10.1016/j.lungcan.2025.108452
2) García-Pardo, M., Czarnecka-Kujawa, K., Law, J. H., Salvarrey, A. M., Fernandes, R., **Fan, Z. J**., Waddell, T. K., Yasufuku, K., Liu, G., Donahoe, L. L., Pierre, A., Le, L. W., Gunasegaran, T., Ghumman, N., Shepherd, F. A., Bradbury, P. A., Sacher, A. G., Schmid, S., Corke, L., … Leighl, N. B. (2023). Association of Circulating Tumor DNA Testing Before Tissue Diagnosis With Time to Treatment Among Patients With Suspected Advanced Lung Cancer: The ACCELERATE Nonrandomized Clinical Trial. *JAMA Network Open*, *6*(7), e2325332. https://doi.org/10.1001/jamanetworkopen.2023.25332
3) Garcia-Pardo, M., Czarnecka, K., Law, J. H., Salvarrey, A., Fernandes, R., **Fan, J**., Corke, L., Waddell, T. K., Yasufuku, K., Donahoe, L. L., Pierre, A., Le, L. W., Ghumman, N., Liu, G., Shepherd, F. A., Bradbury, P., Sacher, A., Stockley, T., Pal, P., … Leighl, N. B. (2022). Plasma-first: Accelerating lung cancer diagnosis and molecular profiling through liquid biopsy. Therapeutic Advances in Medical Oncology, 14, 175883592211261. https://doi.org/10.1177/17588359221126151
4) Tse, B., Said, B., **Fan, Z**., Hueniken, K., Patel, D., Gill, G., Liang, M., Razooqi, M., Brown, M., Sacher, A., Bradbury, P., Shepherd, F., Leighl, N., Xu, W., Howell, D., Liu, G., & O'Kane, G. (2020). Longitudinal health utilities, symptoms and toxicities in patients with ALK-rearranged lung cancer treated with tyrosine kinase inhibitors: a prospective real-world assessment. Current Oncology, 27(6). https://doi.org/10.3747/co.27.6563

Zhen (Jason) Fan zhenjason.fan@uhn.ca
3405-38 Elm Street, Toronto, Ontario, M5G 2K5 905-730-9391

Teaching Experience

July 2024 – present
GIM Teaching
Delivered formal teaching to GIM residents rotating through Medical Oncology at Princess Margaret Hospital and Odette Cancer Centre

Sep 2015 – Apr 2016
HTH SCI 1I06 Cellular and Molecular Biology
Teaching Assistant
Bachelor of Health Sciences Program, McMaster University, Hamilton, ON

Work Experience

Jan 2023 – 2024
Astroff Consultants
Toronto, Ontario, Canada

Jan 2014 – May 2016
Loblaw's Pharmacy Assistant
65 Mall Rd., Hamilton, ON

Volunteer and Extracurricular Activities

July 2025 – 2026
Medical Oncology Training Program Co-Chief Resident
Toronto, Ontario
Selected to act as a liaison between university faculty and medical oncology residents, involved in curriculum planning, act as mentor for junior trainees

July 2024 – 2025
Medical Oncology Training Program Residency Program Committee PGY4 Representative
Toronto, Ontario
Selected to represent PGY4 medical oncology residents at faculty curriculum and program meetings

Sept 2023 – June 2024
GIM Residency Program Committee PGY3 Representative
Toronto, Ontario
Selected to represent PGY3 GIM residents at faculty curriculum and program meetings

Aug 2023 - 2024
Inspiring Leadership in Equity, Accessibility, and Diversity Mentor
Toronto, Ontario
Mentoring medical students at University of Toronto from under-represented populations

Jul 2022 – 2024
Near Peer Mentorship
Toronto, Ontario
Mentoring junior Internal Medicine residents at University of Toronto

Apr 2019
University of Toronto Faculty of Medicine Student Showcase Program
Toronto, Ontario
Selected exhibitor of previous cancer care research for university donors and faculty

Sep 2017 – May 2019
Altitude Site and Outreach Director
University of Toronto – Mississauga

Mentor and eventual co-site lead for Altitude, an organization pairing disadvantaged undergraduate students to medical students for peer-to-peer mentorship

Jun – Aug 2018 **Adventure in Science Mississauga Mentor**
University of Toronto – Mississauga
Mentor for local high school students interested in STEM subjects

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: PUGH, Trevor J.

eRA COMMONS USERNAME (credential, e.g., agency login): TRPUGH

POSITION TITLE: Canada Research Chair in Translational Genomics, Senior Scientist, Princess Margaret Cancer Centre, University Health Network; Director, Innovation, Laboratory Medicine Program, University Health Network; Director and Senior Investigator, Genomics, Ontario Institute for Cancer Research; Professor, Department of Medical Biophysics, University of Toronto

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
University of British Columbia, Vancouver, BC	BSc	05/2004	Biochemistry, Chemistry, Minor in Commerce
University of British Columbia, Vancouver, BC	Ph.D.	11/2009	Medical Genetics
Harvard Medical School, Boston, MA	Clinical lab fellowship	03/2012	Clinical Molecular Genetics (ACMG)
Dana-Farber Cancer Institute, Boston, MA Broad Institute of Harvard & MIT, Cambridge, MA	Postdoctoral fellowship	06/2013	Cancer Genomics, Computational Biology

A. Personal Statement

I am a board-certified clinical molecular geneticist (ACMG/ABMGG) and genome scientist pioneering genome sequencing in cancer care. My group applies cell-free DNA, immune repertoire, and single-cell RNA-seq to clinical specimens, with >200 publications cited >42,000 times (h-index 75). Recognitions include Canada's Top 40 Under 40, the Canadian Cancer Society Bernard and Francine Dorval Prize, Web of Science Highly Cited Researcher, two Till & McCulloch Paper of the Year awards, and induction into the Royal Society of Canada College of New Scholars. I lead the OICR Genomics Program and the Princess Margaret Genomics Centre, overseeing clinical accreditation and one of Canada's largest single-cell genomics services, and serve as Director of Innovation for UHN Laboratory Medicine. My research established cfDNA for early cancer surveillance, ctDNA as a predictor of immunotherapy response, and novel immune repertoire profiling, alongside pioneering pediatric and multiple myeloma genomics. I chair national and international genomics data-sharing groups, co-lead an NIH-funded cBioPortal team, and have built cloud platforms (CReSCENT, PMATCH) to advance clinical genomics, connecting directly with trialists who adopt my methods.

B. Positions, Scientific Appointments, and Honors

Professional Experience

2024 - Present	Director, Innovation, Laboratory Medicine Program, University Health Network
2023 - Present	Professor, Department of Medical Biophysics, University of Toronto, Toronto, ON
2019 - Present	Senior Scientist, Princess Margaret Cancer Centre, Toronto, ON
2019 - Present	Director, Genomics, Ontario Institute for Cancer Research, Toronto, ON
2018 - 2023	Associate Professor, Department of Medical Biophysics, University of Toronto
2016-2019	Director, Translational Genomics Laboratory, Ontario Institute for Cancer Research
2013 - 2018	Scientist, Princess Margaret Cancer Centre, Toronto, ON
2013 - 2018	Assistant Professor, Department of Medical Biophysics, University of Toronto
2013	Consultant, Center for Advanced Molecular Diagnostics, Brigham & Women's Hospital
2012 - 2013	Assistant Laboratory Director (part time) Partners Center for Personalized Genetic Medicine, Laboratory for Molecular Medicine Assistant in Molecular Pathology, Massachusetts General Hospital, Boston, MA Associate Molecular Geneticist, Brigham and Women's Hospital, Boston, MA
2010 - 2012	Clinical Molecular Genetics Fellow (with Heidi Rehm) Harvard Medical School, Genetics Training Program, Boston, MA
2010 - 2013	Postdoctoral Fellow (with Matthew Meyerson) Dana-Farber Cancer Institute / Broad Institute of Harvard and MIT, Cambridge, MA

1999 - 2002	Co-founder, Quicktech Computer Consulting, Inc., Vancouver, BC (sold in 2002)

Certification

2010	Clinical Molecular Genetics, American Board of Medical Genetics and Genomics
2010	Fellow, American College of Medical Genetics and Genomics
1997	1997 Private Pilot, Night and Multi-engine endorsements, Transport Canada

Honors and Awards (*Last 2 years only)*

2024	Royal Society of Canada, College of New Scholars, Scientists, and Artists
2024	Till and McCulloch Paper of the Year Award (Translational)
2023 – 2028	Canada Research Chair in Translational Genomics (Tier II renewal)

Professional Associations

2022 - Present	Scientific Advisory Board, Children's Hospital of Philadelphia, Precision Medicine for High Risk Pediatric Cancer Frontier Program
2020 - Present	Ad Hoc Bylaws Committee, American Association for Cancer Research
2020 - Present	Chair, CIHR Project Grant panel, Cancer Progression & Therapeutics 2 (x7)
2019 - Present	Board of Directors (elected), Cancer Genomics Consortium (renewed in 2022)
2017 - 2023	Scientific Advisory Committee, Genomics of MPNST Consortium,
2016 - Present	Scientific Advisory Committee, BC Cancer Agency Personalised OncoGenomics
2017 - 2023	Canadian Clinical Trials Group, Correlative Science Tumour Biology Scientific Advisory
2015 - 2023	Executive/Curriculum/Admissions Committees, U of T Dept. of Medical Biophysics
2020 - 2022	Illumina Global Scientific Advisory, Clinical Whole Genome Sequencing
2020 - 2021	Roche imCore Data Standards Working Group
2019 - 2021	Organizing committee, AACR Conference: Artificial Intelligence, Diagnosis, & Imaging
2018 - 2021	Scientific Advisory Board, Reactome
2018 - 2020	Research Program Executive, BioCanRx
2018 - 2019	Co-Chair, Crazy 8s Big Data Committee, Alex's Lemonade Stand
2017 - 2019	Scientific Officer, CIHR Project Grant panel, Cancer Progression & Therapeutics 2 (x5)
2014 - 2019	Steering Committee, HPC4Health
2014 - 2015	Chair, Plasma Cell Disorder Working Group, Cancer Genomics Consortium
2013 - Present	Executive Committee, Princess Margaret Cancer Genomics Program
2013 - 2019	Molecular Oncology Test Advisory Committee, Cancer Care Ontario (gov't advisory)
2010 - Present	Member, American Association for Cancer Research

C. Publications

Statistics: h-index = (75, >200 publications, >43,000 citations) Google Scholar: Trevor Pugh Pubmed: Trevor Pugh

D. Additional Information: Research Support and/or Scholastic Performance (Last 2 years only)

Peer-Reviewed

2024 Jul – 2029 Jun	**Principal Investigator.** The Canadian Genomics Data Commons (CGDC). Canada Foundation for Innovation (CFI). Innovation Fund. PI: Lerner-Ellis, Boycott, Ferretti, Frosk, Joly, Jones, Fiume, Philippakis, Rehm, Taylor. 7,383,286 CAD.
2024 Apr – 2027 Mar	**Co-Applicant.** A Canadian knowledge-to-action roadmap for evidenceinformed implementation of first-tier clinical genome-wide sequencing for rare disease (K2A-RD). Canadian Institutes of Health Research (CIHR). Team Grant: Improving Diagnosis for Rare Disease Patients. PI: Boycott KM, Caluseriu O, Hartley TSG. Co-Investigators: Costain G, Huang L, Marshall C, Wong-Rieger D, DiRaimo J, Kim R, Parboosingh J, Dument D, Lerner-Ellis J, Price E, Hayeems R, Mackley M, Ungar W. 1,374,618 CAD
2023 Oct – 2025 Sep	**Co-Investigator.** Defining the important and impact of clinical laboratory testing practices and result return on Covid-19 inpatients: A GENCOV Study. International Federation of Clinical Chemistry (IFCC). PI: Taher A. CoInvestigators: Wolday D, Wong I, Zeeshan K, Lerner-Ellis J, Taher J. 10,000 CHF

2023 Jul – 2028 Jun	**Co-Principal Applicant.** Pan-Canadian Human Genome Library (PCGL). Canadian Institutes of Health Research (CIHR). Project Grant. PI: Bourque, Bherer, Brazas, Brudno, Caron, Courtot, Ferretti, Joly, Jones, Lerner-Ellis, Stedman, Stein, Wasserman, Zawati. 15,000,000 CAD

PATRIK ROGALLA, MD, PHD, MBA

Professor of Medical Imaging
Vice Chief, Innovation JDMI
Head, Cardiovascular and Thoracic Division
Imaging Site Director, Toronto General Hospital
Director, Computed Tomography
Affiliated Scientist, Techna Institute
Associate Member, Institute of Medical Science

Director, Imaging Core Lab (iCORE)
Joint Department of Medical Imaging (JDMI)
University Health Network
Temerty Faculty of Medicine, University of Toronto
Toronto General Hospital, 1 PMB 291
585 University Avenue
Toronto, Ontario M5G 2N2, Canada

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EDUCATION

SEPTEMBER 2018 – JUNE 2020
GLOBAL EXECUTIVE MBA FOR HEALTHCARE AND THE LIFE SCIENCES, ROTMAN SCHOOL OF MANAGEMENT
JANUARY 2006
HABILITATION (Ph.D. EQUIVALENT), HUMBOLDT UNIVERSITÄT ZU BERLIN, GERMANY
JULY 2002 – SEPTEMBER 2002
ARMED FORCES INSTITUTE OF PATHOLOGY, WASHINGTON, DC, USA
JULY 1993 – SEPTEMBER 1994
FELLOWSHIP & CLINICAL INSTRUCTOR, UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, USA
MAY 1991 – JUNE 1993
RESIDENCY, DEPT. OF RADIOLOGY, FREIE UNIVERSITÄT BERLIN, GERMA
MARCH 1991
MEDICAL DOCTOR, FREE UNIVERSITY OF BERLIN, GERMANY
JULY 1986 – SEPTEMBER 1986
RESEARCH FELLOWSHIP, NATIONAL INSTITUTE OF HEALTH (NIH), BETHESDA, MARYLAND, USA

APPOINTMENTS

FEBRUARY 2021 – PRESENT	Associate Member, Institute of Medical Science (IMS) Graduate Faculty, Temerty Faculty of Medicine, University of Toronto
JULY 2019 – PRESENT	Site Director for Medical Imaging, Toronto General Hospital, University Health Network
JUNE 2018 – PRESENT	Affiliated Scientist, Techna Institute for the Advancement of Technology for Health, University Health Network
MARCH 2018 – PRESENT	Head, Division of Cardiovascular & Thoracic Imaging, Joint Department of Medical Imaging, University Health Network
MARCH 2018 – PRESENT	Vice Chief, Innovation, Joint Department of Medical Imaging, University Health Network
JANUARY 2015 – JUNE 2019	Site Director, Department of Medical Imaging, Princess Margaret Cancer Centre, University Health Network
JUNE 2014 – PRESENT	Faculty Member, Advanced Imaging and Education Centre (AIEC), Joint Department Of Medical Imaging, University Health Network
APRIL 2013 – PRESENT	Director of Computed Tomography, Joint Department of Medical Imaging, University Health Network
JANUARY 2013 – DECEMBER 2016	Vice Chief, Research, Joint Department of Medical Imaging, University Health Network
JULY 2010 – DECEMBER 2017	Head, Division of Abdominal Imaging, Joint Department of Medical Imaging, University Health Network
JULY 2009 – PRESENT	Professor of Medical Imaging, Temerty Faculty of Medicine, University of Toronto
JANUARY 2008 – PRESENT	Professor of Radiology, Charité University Hospital, Berlin, Germany
FEBRUARY 2007 – JUNE 2009	Head of Staff Radiologists, Charité University Hospital, Berlin, Germany
FEBRUARY 2007 – JUNE 2009	Campus Manager, Charité University Hospital, Berlin, Germany
JANUARY 2003 – JUNE 2009	Examiner, National State Exams in Medicine, Germany
FEBRUARY 2002 – JUNE 2009	Radiation Protection Officer for Computed Tomography

APRIL 2002 – JULY 2009	Fellow, European Society of Gastroenterology and Abdominal Radiology
FEBRUARY 1995 – JUNE 2009	Head of CT Imaging, Department of Radiology, Humboldt-Universität zu Berlin
OCTOBER 1994 – FEBRUARY 2007	Clinical Instructor, Department of Radiology, Charité University Hospital, Humboldt-Universität zu Berlin

AWARDS AND RECOGNITION

2021	State of AI in Radiology Today – Roundtable Panellist, Radiological Society Of North America
2019	Best Scientific Paper Presentation Award – European Congress of Radiology
2018	Rotman School of Management Entrance Award
2013	Film-reading Panellist, Grand Auditorium, Chest Imaging – European Congress of Radiology
2005	Film-reading Panellist, GI Imaging, German Roentgen Congress
2003	The Royal Australian and New Zealand College of Radiologists, Opening Lecture on Cardiac Imaging, Sidney
2002	Felix-Wachsmann Award from the German Medical Academy for excellent quality in medical education
1971 – 1983	Various prizes (first and second) in national piano competitions

GRANT FUNDING

Summary since 1999: $16,174,000 (Canadian dollar)
In Canada (total funding: $9,811,000)
In Europe (Total funding: $6,363,000)

PRESENTATIONS

Summary: 193 scientific lectures and posters, 337 educational lectures on national and international stages in 37 countries in Europe, Asia, Oceania, Africa, South and North America

PUBLICATIONS

Summary: 216 publications and book chapters, 5 national and international patents. Selected publication in the past 3 years:

1. Yoo JJ, Namdar K, Carey S, Fischer SE, McIntosh C, Khalvati F, **Rogalla P**. Non-invasive liver fibrosis screening on CT images using radiomics. BMC Med Imaging. 2025 Jul 15;25(1):285. doi: 10.1186/s12880-025-01823-w. PMID: 40665242; PMCID: PMC12265201.
2. **Rogalla P**, Fratesi J, Kandel S, Patsios D, Khalvati F, Carey S. Development and Evaluation of an Automated Protocol Recommendation System for Chest CT Using Natural Language Processing With CLEVER Terminology Word Replacement. Can Assoc Radiol J. 2025 May;76(2):257-264. doi: 10.1177/08465371241280219. Epub 2024 Sep 24. PMID: 39315514.
3. **Rogalla P**, Favero Prietto Dos Santos J, Sanchez Tijmes FA, Cadour F. A Friend in Need is a Friend Indeed: FDG PET/CT Prior to CT-Guided Transthoracic Core Needle Biopsy. Can Assoc Radiol J. 2025 Aug;76(3):373-374. doi: 10.1177/08465371251317468. Epub 2025 Feb 7. PMID: 39921273
4. Ghunaim AH, Dhingra NK, Kandel S, **Rogalla P**, Cusimano RJ. High-Risk Features and Utility of Computed Tomography-Fluoroscopy-Guided Biopsy as a Diagnostic Tool. JACC Case Rep. 2024 Dec 18;29(24):102925. doi: 10.1016/j.jaccas.2024.102925. PMID: 39822629; PMCID: PMC11734135.
5. **Rogalla P**. It's Time to Retire "You Guys" From Professional Conversations. J Am Coll Radiol. 2025 May;22(5):607-608. doi: 10.1016/j.jacr.2024.12.007. Epub 2024 Dec 20. PMID: 39710127
6. **Rogalla P**, Dos Santos JFP, Wintersperger BJ, Potipcoe J, Tilley S, Speck N, Afkhami N, Karim KS, Carey S, Cadour F, Sanchez F. Opportunistic Identification of Coronary Artery Calcium and Valve/Vascular Calcifications on Chest X-Ray: Improvements With Single-Exposure Dual-Energy Imaging. Can Assoc Radiol J. 2024 Oct 18:8465371241291699. doi: 10.1177/08465371241291699. Epub ahead of print. PMID: 39425500
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