

Where to Find What: Website & Office Staff

Gary Cronin

Communications & Strategic Planning Officer

Welcome

- Physical Office is located at 263 McCaul Street on the 4th Floor.
- Physical Office houses The Departmental Chair, Business Manager, Program Directors and 8 administrators
- All admin are currently working from home due to the pandemic



Medical Imaging Administration Office

Who Are We ?



CHAIR
Alan Moody



BUSINESS MANAGER
Janine Hubbard



Education
Program Assistant
(Nuc Med,
Neuroradiology &
Undergraduate)
Jennifer Morris



Education
Programs Officer
Fiona Caprani



Diagnostic
Imaging Program
Coordinator
Naveeta Ramkissoon



Residency Program
Assistant
Sandra Hummel
(On Leave)



Academic
Appointments &
Promotions
Coordinator
Eileen Brosnan



Fellowship Program
Assistant
Sarah Bakhit



Financial Officer
Rob Reedijk
(On Secondment)



Communications &
Strategic Planning
Officer
Gary Cronin



Department
Assistant
Alison Clute



Medical Imaging Administration Office

Contact Us?

- Department Enquiries – mi.assistant@utoronto.ca
- Meeting Requests for Dr. Moody – mi.assistant@utoronto.ca

- Faculty Appointment Enquiries - mi.appointments@utoronto.ca and mi.srpromotions@utoronto.ca
- Communication (News Round Up/Website/Newsletter Content) - mi.communications@utoronto.ca
- Finance/Reimbursements/Invoices - mi.finance@utoronto.ca

- Education Program Officer – mi.edprogramofficer@utoronto.ca
- Undergraduate Program Enquiries - mi.undergrad@utoronto.ca
- Diagnostic Radiology Program Enquires - radiology.residency@utoronto.ca
- Neuroradiology Program Enquiries - neuroradiology.program@utoronto.ca
- Nuclear Medicine Program Enquiries - nucmed.program@utoronto.ca
- Fellowship Program Enquiries - mi.fellowships@utoronto.ca;

Medical Imaging Website

<https://medical-imaging.utoronto.ca/>

Sections

- About Us
- Education
- Research
- Faculty
- Alumni
- News & Events
- CPD

The screenshot shows the homepage of the Medical Imaging University of Toronto website. At the top, there is a header with the University of Toronto logo and the text "Medical Imaging UNIVERSITY OF TORONTO". Below the header is a navigation menu with links for Home, About Us, Education, Research, Faculty, Alumni, News & Events, Contact, and Search. A sub-menu for "Continuing Professional Development (CPD)" is also visible. The main content area features a large banner for "Mi News & Events" with a thumbnail image of a newsletter. To the right of the banner is a section titled "UofT Medical Imaging Recent Newsletters" with a brief description and links for "Recent Newsletters" and "Archived News". Below the banner is a section for "This Month's Events" listing the "25th Annual Women's Imaging Advances in Gynaecologic Imaging & First Trimester Ultrasound - Virtual Sunday Series". On the left side, there is a section for "Medical Imaging Jobs at University of Toronto" with links to "Medical Imaging opportunities at UofT" and "Current Opportunities in Affiliated Hospitals", and two job listings: "Assistant / Associate Professor - Cardiothoracic Imaging (Toronto, ON, CA)" and "Dental Assistant (Toronto, ON, CA)". In the center, there is a "Message from the Chair" section titled "Medical Imaging Centenary Fund Raising Campaign." with a photo of a man and text discussing the department's focus on Artificial Intelligence and Machine Learning. On the right side, there is a "Twitter feed" section showing tweets from @UofTMedim.

Medical Imaging Website

Sections

- About Us
- Education
- Research
- **Faculty**
- Alumni
- News & Events
- CPD

Cardiothoracic Imaging Faculty

- Anconina, Reut
- Chacko, Binita
- Chung, Tae Bong
- Deva, Djeven
- Fratesi, Jennifer
- Halankar, Jaydeep
- Hanneman, Kate
- Herman, Stephen
- Houbois, Christian
- Jiménez-Juan, Laura
- Kandel, Sonja
- Karur, Gauri Rani
- Kavanagh, John
- Kha, Lan-Chau
- MacDonald, Cathy
- McInnis, Micheal
- Moody, Alan
- Nguyen, Elsie
- Oikonomou, Anastasia
- Pakkal, Mini
- Patsios, Demetris
- Schmidt, Heidi
- Singh, Navneet
- Torres, Felipe
- Weisbrod, Gordon
- Wintersperger, Bernd
- Yoo, Shi-Joon

Alan Moody



Dr. Alan Moody
FRCR FRCP
Professor

Chair, Department of Medical Imaging
Sunnybrook Health Sciences Centre
Dept of Medical Imaging
2075 Bayview Ave., Toronto, ON M4N 3M5
Phone: 416-978-6801
Fax: 416-978-6915

Division: Cardiothoracic Imaging
Research Group: Heart Lung Vessel
Hospital: Sunnybrook Health Sciences Centre

Research Paragraph:

Magnetic resonance imaging (MRI) has rapidly established itself as a major imaging technique for the visualization of vascular diseases. In particular, magnetic resonance direct thrombus imaging (MRDTI) provides a closer, more in-depth look into occluded arteries, providing information never seen before, and has the potential of changing the standard of imaging everywhere. This new MRI technique aims at early diagnosis and intervention to prevent strokes and heart attacks by detecting vulnerable plaques in arteries of patients who are asymptomatic.

Dr. Moody and his team are interested in developing and incorporating such imaging techniques in a comprehensive effort to identify and stabilize vulnerable plaques in one integrated procedure. Applications of MRDTI in the coronary, renal arteries and aorta are also underway.

Primary Research Area:
Lung and Vessel

Committees:
Diagnostic Radiology Residency Committee

Teaching:
Undergraduate Education

PUBMED Link:
<http://www.ncbi.nlm.nih.gov/pubmed/12345678>

Other Profile Links:
Sunnybrook Research Institute
Cross Appointments:
Department of Medical Biophysics
Institute of Medical Science

- Abu Mughli, Rawan
- Anconina, Reut
- Arenson, Anna Marie
- Atinga, Angela
- Aviv, Richard
- Berger, Ferco
- Betel, Carrie
- Bibbly, Alexander
- Chacko, Binita
- Cheung, Helen
- Christakis, Monique
- Curpen, Belinda
- David, Elizabeth
- Dey, Chris
- Ghandehari, Hournaz
- Glanc, Phyllis
- Hack, Kalesha
- Hamilton, Paul
- Heyn, Chinthaka (Chris)
- Houbois, Christian
- Howard, Peter
- Jong, Roberta
- Kapadia, Anish
- Kha, Lan-Chau
- Lawlor, Raymond
- Lim, Christopher
- Machnowska, Matylda
- Maralani, Pejman
- Martinovic, Elaine
- McGregor, Caitlin
- Merchant, Neesha
- Moody, Alan
- O'Keeffe, Michael
- Oikonomou, Anastasia
- Patel, Chirag
- Probyn, Linda
- Pugash, Robyn
- Qamar, Sadia
- Richmond, Lara
- Robins, Jason

Faculty Profile

- Name
- Hospital
- Division
- Primary Area of Interest
- Research Paragraph
- Pubmed Link
- Alternative Profile Link

- Require a Photograph

<https://www.surveymonkey.com/r/UTMiNewFacProfile>

Alan Moody



Dr. Alan Moody
FRCR FRCP
Professor

Chair, Department of Medical Imaging
Sunnybrook Health Sciences Centre
Dept of Medical Imaging
2075 Bayview Ave., Toronto, ON M4N 3M5
Phone: 416-978-6801
Fax: 416-978-6915

Division: Cardiothoracic Imaging
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Sunnybrook Research Institute

Cross Appointments:

Department of Medical Biophysics
Institute of Medical Science

The Website

Areas of Interest:

- CFAR (Continuing Faculty Appointment Review) - <https://medical-imaging.utoronto.ca/CFAR>
- Faculty Profile Page - <https://medical-imaging.utoronto.ca/faculty-directory>
- Education/Programs Section - <https://medical-imaging.utoronto.ca/education>
- Research Section - <https://medical-imaging.utoronto.ca/research>
- Faculty Wellness Resources - https://medical-imaging.utoronto.ca/Wellness_Resources
- Junior Promotions Page - https://medical-imaging.utoronto.ca/Junior_Promotions
- Senior Promotions Page - https://medical-imaging.utoronto.ca/senior_promotions
- Newsletters - <https://medical-imaging.utoronto.ca/recent-newsletters>

New Website Coming Soon !!!

Continuing Faculty Appointment Review (CFAR – aka 3 year review)

Alan Moody, Chair Medical Imaging Department



Temerty
Medicine

Appointment

- **licensed** physicians in clinical departments in the Faculty of Medicine are **governed** by the **Policy for Clinical Faculty and these Procedures**
- Must participate in a **conforming academic practice plan** or its equivalent.
- Medical staff who hold appointments on the active staff (or equivalent) of a **fully-affiliated academic** hospital are expected to meet the criteria for a full-time clinical academic appointment. As a corollary, a full-time clinical academic appointment **usually entails work at a site or sites with a formal affiliation agreement with the University**

Probation and continuing appointment review

- On initial appointment to a full-time clinical academic appointment, a candidate will customarily be offered a **probationary appointment of not less than three years and not more than five years duration**
- **no obligation or expectation of continuation or renewal**
- senior academic recruits (associate professor or professor rank) may receive an immediate continuing appointment from the Dean

During the probationary period

- May undergo a performance review at the end of the first and/or second year
- **ALL** new full-time clinical academic appointees will require a three- to five-year **performance review** (that requirement should be included in the Offer of Academic Appointment).
- The candidate will be asked to **submit an account of their academic work completed or undertaken since the time of initial appointment.**

CFAR

- A Chair's advisory committee, consisting of senior members of the University Department, will advise the Department Chair as to **continuation of an appointment** beyond the probationary period.
- The committee shall review the **performance** of the appointee after the end of the third year and not later than the end of the fifth year
- The names of the committee members must be made known to the Department and to the candidate in advance of the performance review.
- The candidate must identify any perceived **conflicts of interest** on the part of any committee member as part of the review process and before the committee's deliberations. The Chair is expected to ask the candidate to identify such conflicts as part of the process of review.

CFAR

- The committee will involve the **relevant hospital or clinical site Chief** in the review.
- The **Chief will advise the Chief Executive** of the relevant site that a review is pending, and keep the Chief Executive apprised of the progress of the review.
- The committee is expected to **solicit input** from the relevant hospital or clinical site chief in all cases, to **review documentation and letters of reference**

CFAR

- The performance review shall **answer one question**:
- Given the terms and expectations set out at the time of the probationary appointment, and the academic standards of the Department and Faculty, **does the appointee's performance merit recommendation that the appointee transfer to the system of continuing annual renewal?**
- The **committee will advise the Department Chair** regarding the options to change the appointment to a **continuing annual appointment; extend the probation period; change the academic position description; or terminate the appointment.**

CFAR

- The Chair must decide which option to recommend, and convey that recommendation in writing to the Dean
- When the Department Chair **decides not to recommend** continuing yearly renewal, the **appointment will terminate** on the pre-determined date of expiry.
- The Dean shall in usual and customary circumstances accept the recommendation of the Chair, but has the discretion not to do so and may review the records of the Chair's advisory committee's deliberations

QUESTIONS?

Support, Inclusion, Equity, Diversity

Dr. Elsie T. Nguyen MD, FRCPC, FNASCI

Associate Professor of Radiology

Vice Chair on Support, Inclusion, Diversity, Equity,

Cardiothoracic Division, Joint Department of Medical Imaging, University of Toronto

Jan 11th, 2022

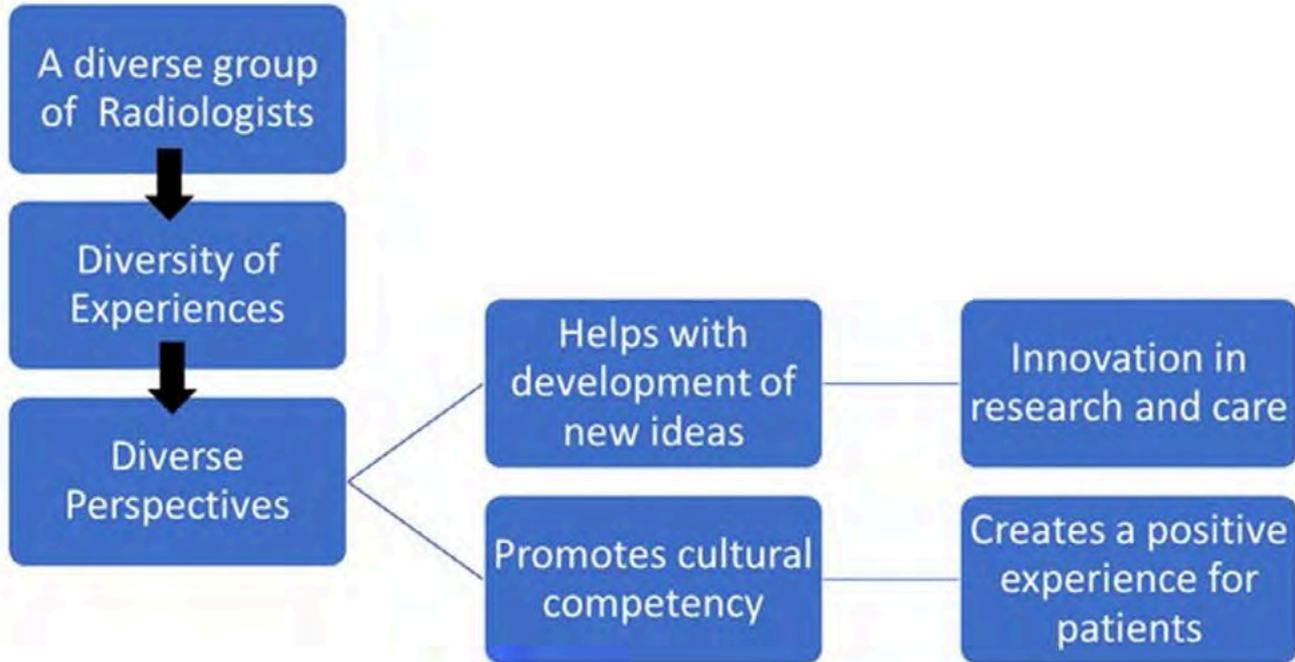


I have no disclosures.

Why is this important?

- Health and well-being of our departments depend on it, physician burn out is at all time high
- Excellence and strength through diversity
- Health care workers need to be diverse to better serve our diverse populations
- Inclusion creates sense of belonging and value

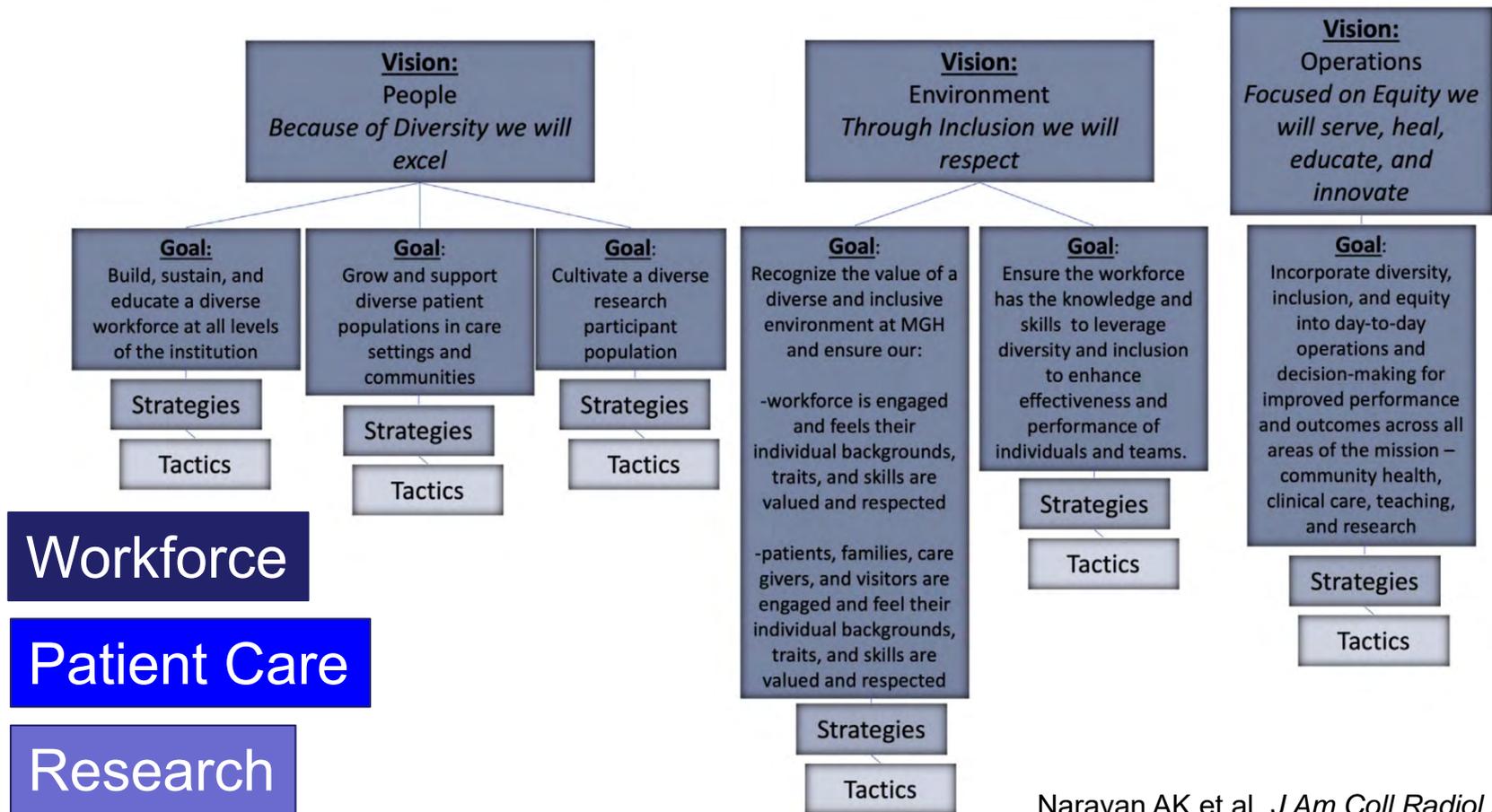
Why is Diversity Important?



“Diverse organizations have higher profits, reduced employee turnover, higher employee engagement, increased innovation and improved decision making”



Image courtesy
Dr. Suzanne Watson

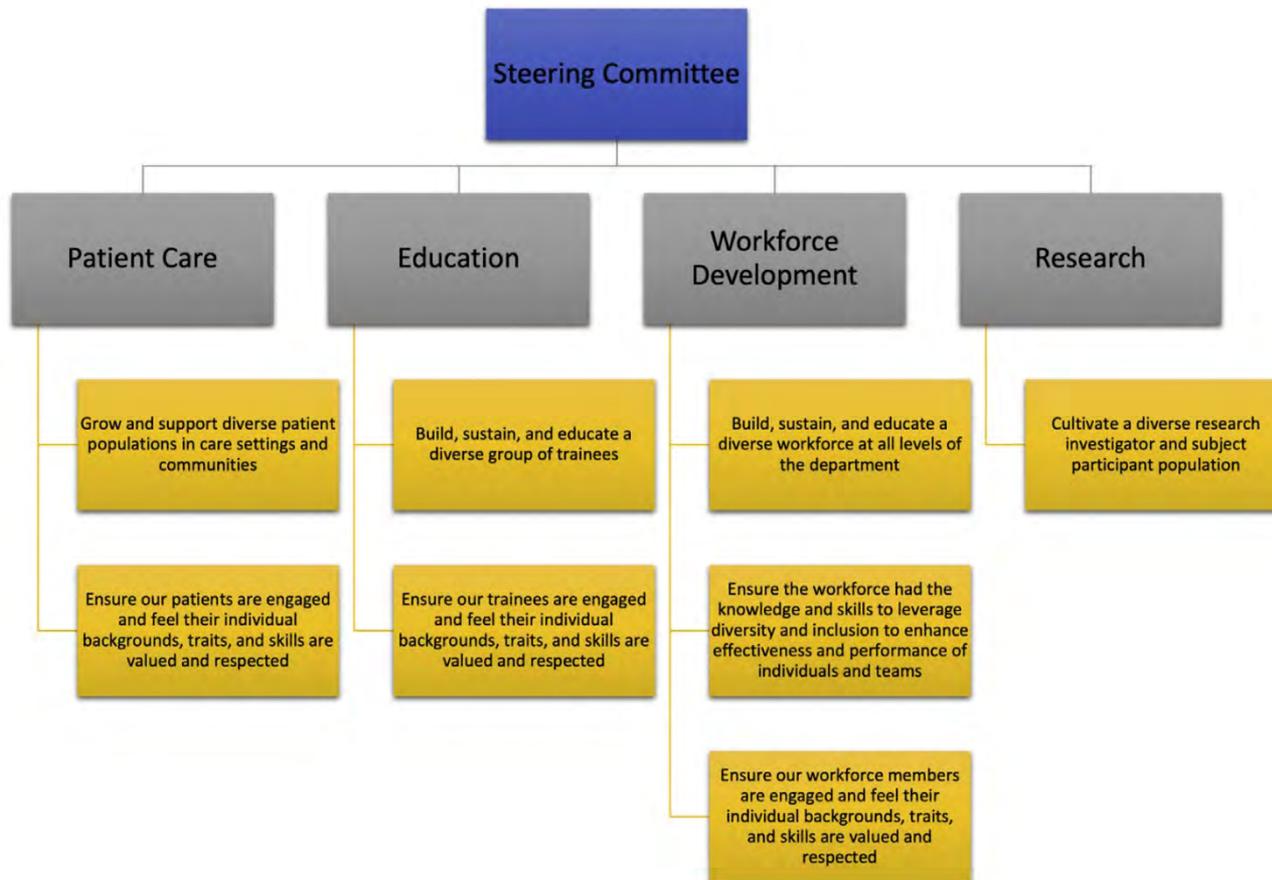






First Steps

- *Make sure your Institution Has EDI Vision*
- *The People To Get Things Done:* Establish EDI Committee
- *What Needs To Be Done:* Local Data Collection on Diversity and other EDI Issues (gender, race, bias and discrimination); needs survey?
- *Measurable Goals:* Create target EDI goals based on data
- *Networking:* Connect with local institutional resources, beyond



Potential Challenges to Wellness Promotion

- COVID-19 Fatigue/ Zoom Fatigue
- General Apathy and Disengagement
- Faculty are burned out
- Suffering in Silence
- Confidentiality issues
- Mental Health Taboo/ Doctors cannot show weakness
- Large Size of our Departments- hard to navigate



Welcome to Research in the Department of Medical Imaging

Birgit Betina Ertl-Wagner, MD, PhD, MHBA, FRCPC
Vice Chair Research



Temerty
Medicine

Research in the Department in Numbers



> 300 FACULTY
MEMBERS AND
CLINICAL SCIENTISTS



RANKED 9TH IN THE
WORLD BY US NEWS
AND WORLD REPORT



3586 PUBLICATIONS
IN LAST 5 YEARS



59436 CITATIONS IN
LAST 5 YEARS

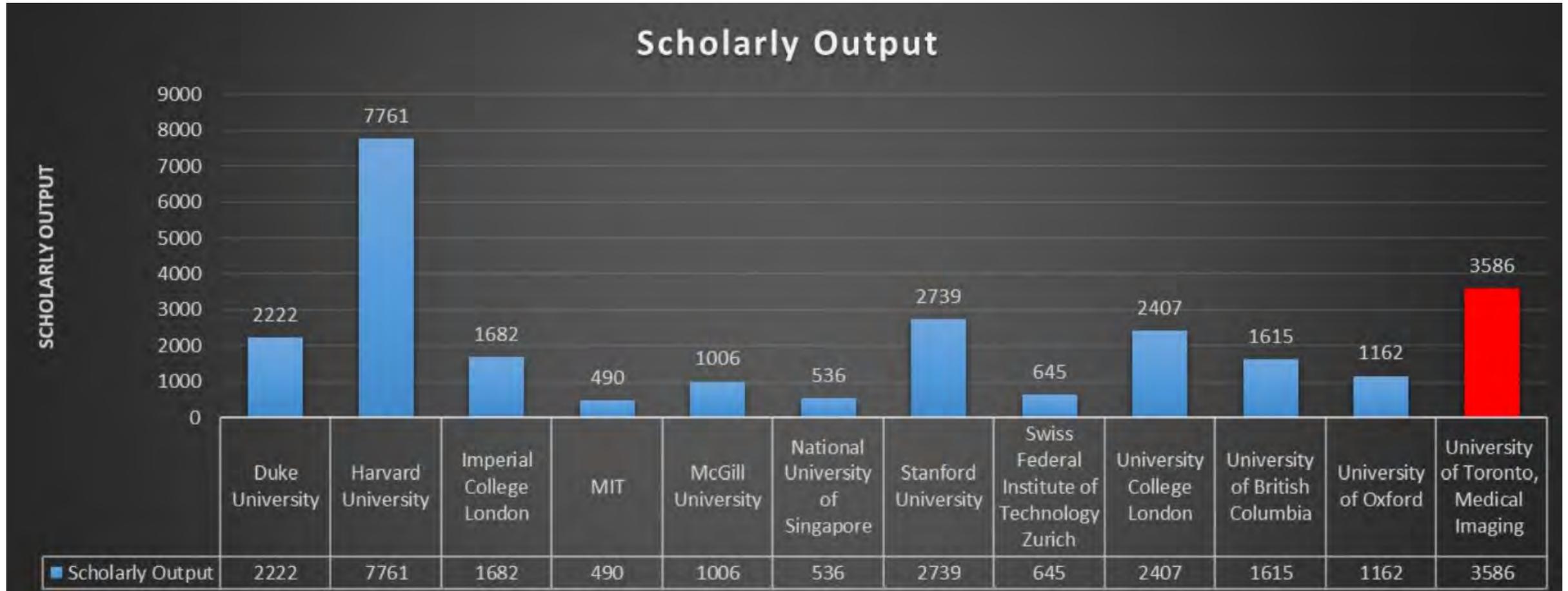


>280 GRANTS IN
LAST 5 YEARS



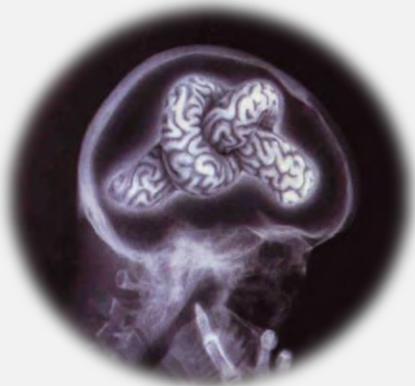
72 PATENTS FILED

Comparison of scholarly output



Data Courtesy of the Temerty Faculty of Medicine - Office of the Dean, Research and Innovation

Research? Why bother?



Without research we
stop generating new
knowledge

We need translation
from research to
clinical radiology and
back

We are the best to
know what questions
need to be answered
in Medical Imaging

We need research to
sustain the future of
our field

You need research for
your promotion (even
if you don't promote
based on research)

The Research Committee

Name	Title	Hospital
Dr. Birgit Ertl-Wagner	Chair, Research Committee Vice-Chair, Research Professor	The Hospital for Sick Children
Dr. Alan Moody	Chair, Department of Medical Imaging Professor	Sunnybrook Health Sciences Centre
Dr. Angela Atinga	MSK Assistant Professor	Sunnybrook Health Sciences Centre
Dr. Alexander Bilbily	Nuclear Medicine Lecturer	Sunnybrook Health Sciences Centre
Dr. Andrea Doria	Research Lead Professor	The Hospital for Sick Children
Dr. Vivianne Freitas	Breast Imaging Assistant Professor	JDMI
Dr. Sangeet Ghai	UHN Research Lead Professor	JDMI
Dr. Mary-Louise Greer	Pediatrics Associate Professor	The Hospital for Sick Children
Dr. Kate Hanneman	Cardiothoracic Associate Professor	JDMI
Dr. Chinthanka Heyn	Research Lead Assistant Professor	Sunnybrook Health Sciences Centre
Dr. Pejman Maralani	Neuroradiology Associate Professor	Sunnybrook Health Sciences Centre
Dr. Sebastian Mafeld	Vascular/Interventional Radiology Assistant Professor	JDMI
Dr. Naomi Matsuura	Catapult Associate Professor	University of Toronto
Dr. Chris McIntosh	AI Chair	JDMI
Dr. Farzad Khalvati	AI Chair Associate Professor	The Hospital for Sick Children
Dr. Masoom Haider	Chair in Ai, Imaging Biomarkers and Radiomics Professor	JDMI
Dr. Errol Colak	Chair Ai Assistant Professor	St. Michaels Hospital/Unity Health
Dr. Pascal Tyrrell	MiDATA Associate Professor	University of Toronto
Dr. Blair Warren	Diagnostic Radiology Resident	University of Toronto

Current Projects of the Research Committee

SWOT analysis

Strategic plan

Research
mentorship
program

AI and
machine
learning

Cross-site
collaborations

Central data
repositories

Central help
with red tape

Infrastructural
grants

Departmental Research Awards and Grants

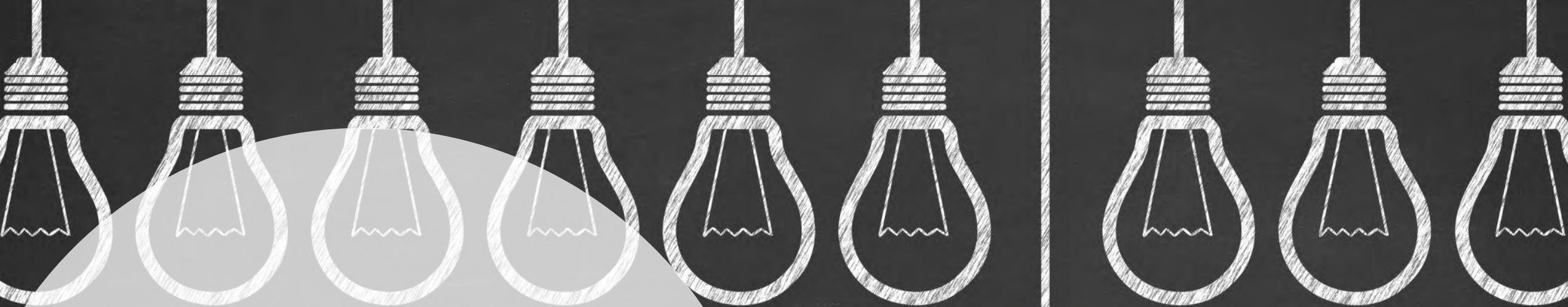
Alumni Research Promotion Award

Mergelas Family Graduate Student Award

Jan and Hildegard Franczyk Award for Artificial Intelligence
in Medical Imaging

Make sure to check the website and newsletters:

[Departmental Grants and Awards | medical-
imaging.utoronto.ca](https://www.medical-imaging.utoronto.ca)



GET INVOLVED

We need you to make a
difference with your
research and your ideas

Make sure to visit the Research Website of the
Department of Medical Imaging
<https://medical-imaging.utoronto.ca/about-research>

Pascal Tyrrell PhD

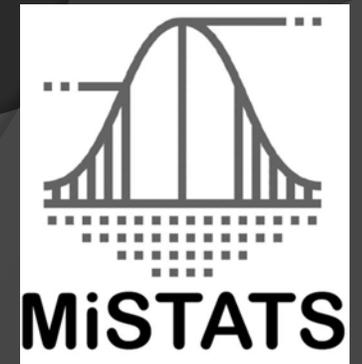
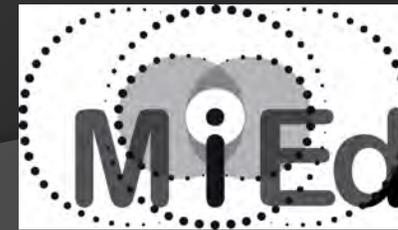
Data Scientist
University of Toronto



Director – MiDATA Data Science Program
Department of Medical Imaging

Associate Professor
Department of Medical Imaging
Institute of Medical Sciences
Temerty Faculty of Medicine

Associate Professor
Department of Statistical Sciences
Faculty of Arts and Science





What to do with all of MiDATA?

The Data Science Unit

MiDATA is the data science unit for the Department and aims to provide education and services to empower data in medical imaging research.

The program consists of three aspects: research education and mentorship, research project guidance, knowledge translation.

How does it work?

- The goal of MiDATA is to facilitate impactful research through the efficient and creative use of a mentored learning environment.



From
Soup
to
Nuts



We get involved from
the beginning and
help you right
through to the end
of your project...

Thanks!

- Questions about program?

pascal.tyrrell@utoronto.ca



MEDICAL IMAGING UNIVERSITY OF TORONTO

Mi Education

LINDA PROBYN
VICE-CHAIR EDUCATION



MEDICAL IMAGING UNIVERSITY OF TORONTO

[Home](#) » [Education](#) » [Welcome from Vice Chair of Education](#)

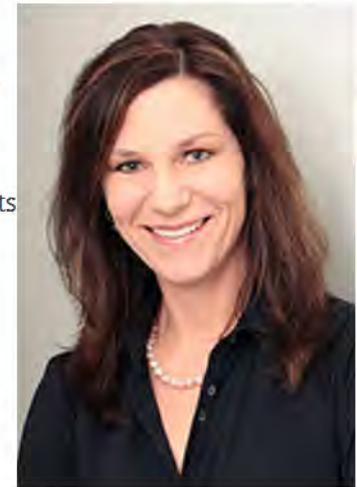
Welcome from Vice Chair of Education

Dr. Linda Probyn

The University of Toronto Department of Medical Imaging provides high quality education across a spectrum of programs including: undergraduate, postgraduate, fellowship, continuing education, and faculty development.

The department is committed to maintain high standards of our programs with ongoing curricular developments and innovations in teaching and evaluation in order to align with changes and advances in the specialty and accreditation standards.

The success of our programs is achieved through the commitment and dedication of our many highly skilled teachers. Our faculty and educational programs have gained national and international recognition and we are proud of their accomplishments.



Programs

- Undergraduate
- Postgraduate
 - Residency
 - Diagnostic Radiology
 - Nuclear Medicine
 - Pediatric Radiology
 - Neuroradiology
 - Interventional Radiology
 - Fellowship



Mi Education

- Education Executive
 - PD subgroup
- Faculty Development workshops
 - 2/year
 - Courses – Stepping Stones



Mi Education

- Opportunities
 - AHD
 - OSCE
 - Mock Orals
- Undergraduate
- Rolling out CBD – upcoming faculty development
- Accreditation
- Research



MEDICAL IMAGING UNIVERSITY OF TORONTO

LINDA PROBYN
VICE-CHAIR EDUCATION

linda.probyn@sunnybrook.ca



January 11, 2022

Presenter

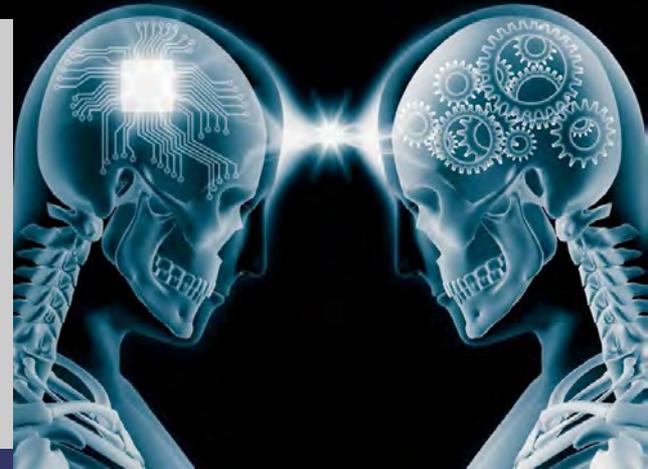
Andrea S. Doria,
MD, PhD, MSc, MBA

Medical Imaging

Clinical Practice Improvement



Medical Imaging
UNIVERSITY OF TORONTO

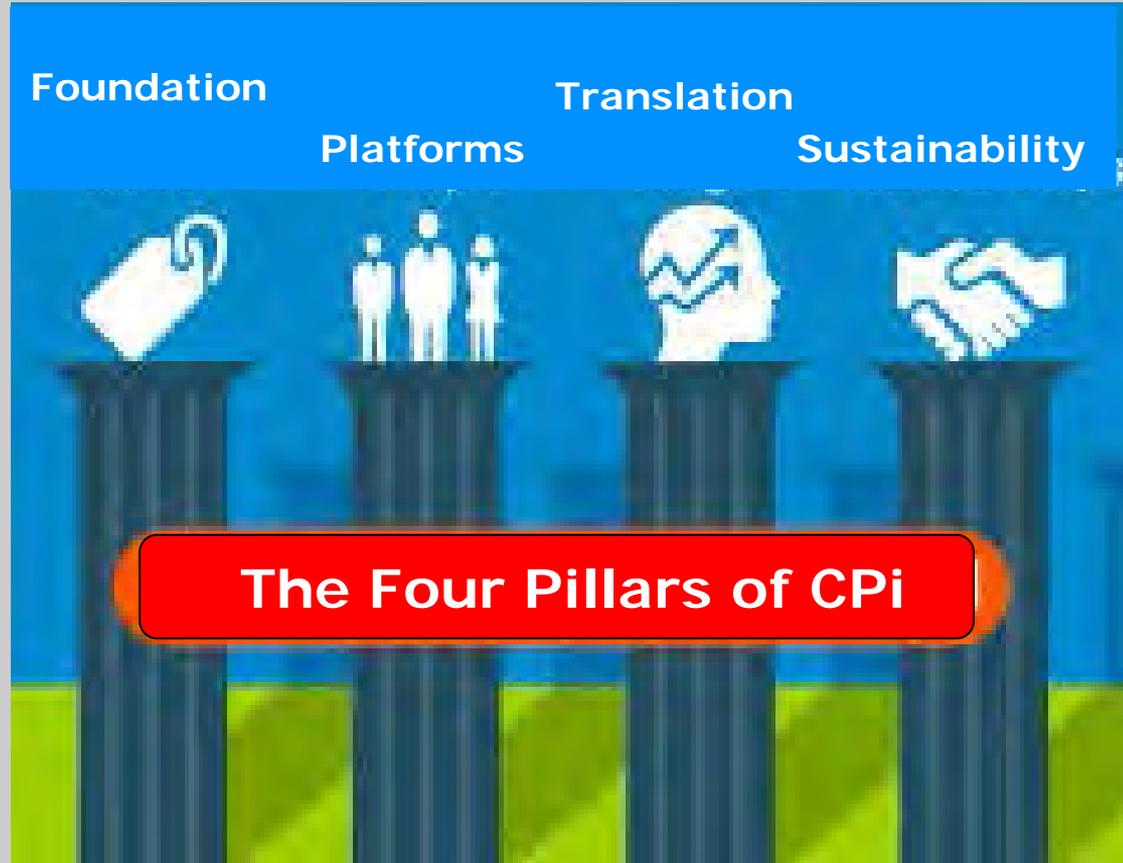


CPI VISION – STRATEGIC PLANNING

Long-term Goals

(1) to develop a strong **CPI educational and network program** - gather new knowledge and receive technical support and mentorship = **preparing future leaders of imaging in best clinical practice**

(2) to improve data capture and expand resources to gather and store **AI-ready data** = **CPI projects**



Core CPi Committee

N=14

CORE COMMITTEE	N=14			
First Last Name	Hospital	Faculty/Fellow	Career Stage	Sex
Ibrahim Alghamdi	Sickkids	IR Fellow	Trainee	Male
Roshini Kulanthaivelu	Molecular Imaging Fellow	Molecular Imaging Fellow	Trainee	Female
George Chiramel	Sickkids	Junior Faculty	Early career	Male
Alex Bilbily	Sunnybrook	Junior Faculty	Early career	Male
Adam Tunis	NYGH	Junior Faculty	Early career	Male
Amy Lin	St.Mikes	Junior Faculty	Early career	Female
Dimitri Parra	Sickkids	Senior Faculty	Mid career	Male
Hournaz Ghandehari	Sunnybrook	Senior Faculty	Mid career	Female
Helen Branson	Sickkids	Senior Faculty	Mid career	Female
Rachel Fleming	Women's College Hospital	Senior Faculty	Mid career	Female
Mini Pakkal	Toronto General Hospital	Senior Faculty	Senior career	Female
Pascal Tyrrell	Industry	Data Scientist	Senior career	Male
Alan Moody	Sunnybrook	Department Chair	Senior career	Male
Andrea Doria	Sickkids	Department VC (CPI)	Senior career	Female

Missing: Patient Representative

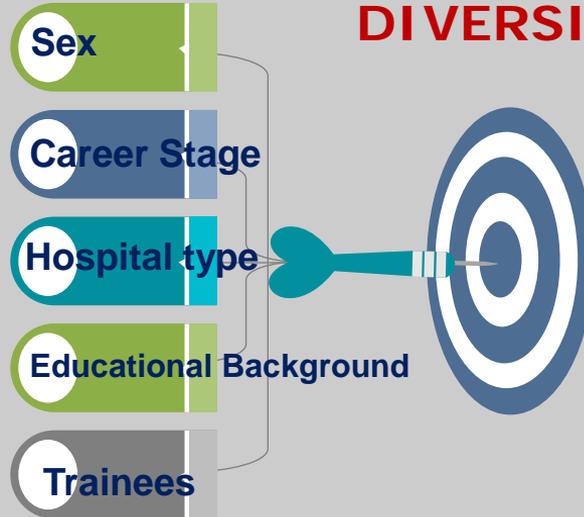
M=7; F=7

<10 years 1st appt: N=6
(43%)

Academic hospitals: N=13
(93%)

N=13 physicians (radiologists)
(93%)

N=2 fellows (14%)



DIVERSITY

Targets:

- Resident
- Early Career Staff
- Community Hospital
- Administrator

- AI / Technology
- Education

Steering CPi Committee

N=10

STEERING COMMITTEE	N=10	
First_Last Name	Hospital	Faculty/Fellow
Linda Probyn	Sunnybrook	Vice Chair Education
Birgit Wagner	Sickkids	Vice Chair Research
Ania Kielar	Toronto General Hospital	Vice Chair at Large
Elsie Nguyen	Toronto General Hospital	Vice Chair EDI
Phyllis Glanc	Sunnybrook	Vice Chair Professional Development
Catherine Wang	Toronto General Hospital	MA Health Administration
Ivan Diamond	Trillium Health Partners	Senior Faculty
Masoom Haider	Toronto General Hospital	Senior Faculty
Walter Kucharczyk	Toronto General Hospital	Senior Faculty
Farzad Khalvati	Sickkids	Data Scientist

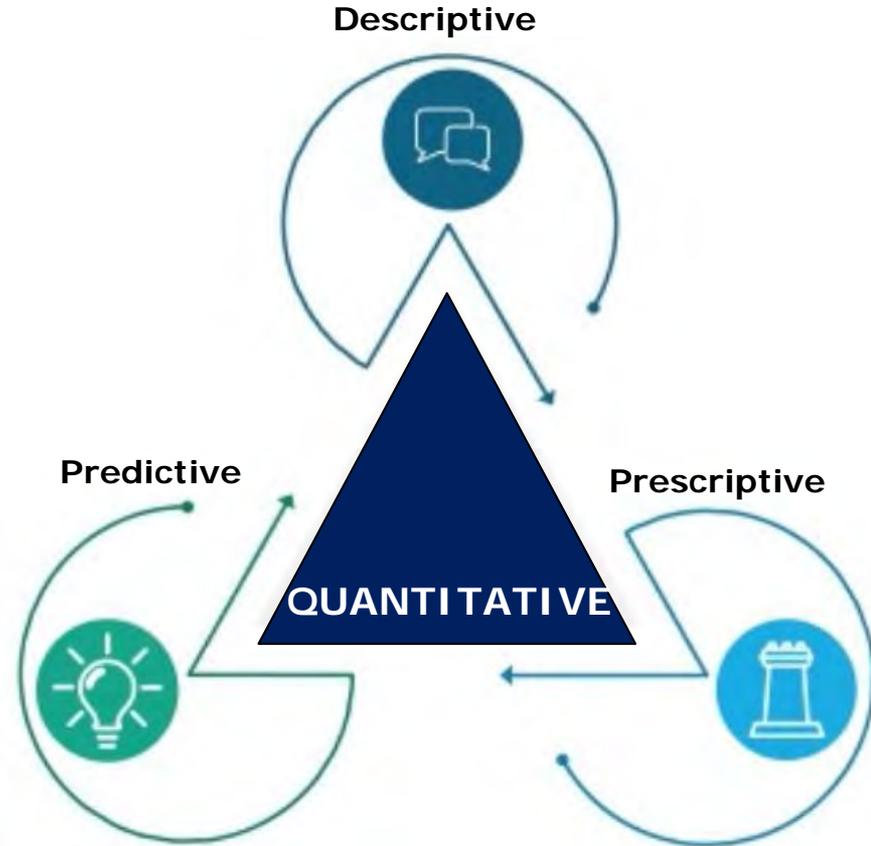
Brainstorming Process



Low Level

LQ2

Pillar #1: Foundation





Specific CPI Projects

Fully Affiliated Hospitals



Sunnybrook Health Sciences Centre



St. Michael's Hospital



JDMI

- Toronto General Hospital
- Toronto Western Hospital
- Mount Sinai Hospital
- Princess Margaret Cancer Centre
- Women's College Hospital



The Hospital for Sick Children

Community Hospital Affiliates



Royal Victoria Hospital, Barrie



North York General Hospital



Orillia Soldier's Memorial Hospital



St. Joseph's Health Centre



Lakeridge Health, Oshawa



Trillium Health Partners

- Credit Valley Hospital
- Mississauga Hospital
- Queensway Health Centre



The Scarborough Hospital

- General Campus
- Birchmount Campus



William Osler Health System

- Etobicoke General Hospital
- Brampton Civic Hospital

Opportunities / Impact

- Network expansion / collaboration with local educational and governmental institutions



Ideas



(PUBLICATIONS = Conceptual, Predictive Models, Retrospective)

Implementation

Deployment



(PUBLICATIONS = Results from Implementation)

- Academic output: CPI publications

CPI City Rounds – Topics / Priorities

M&M Rounds

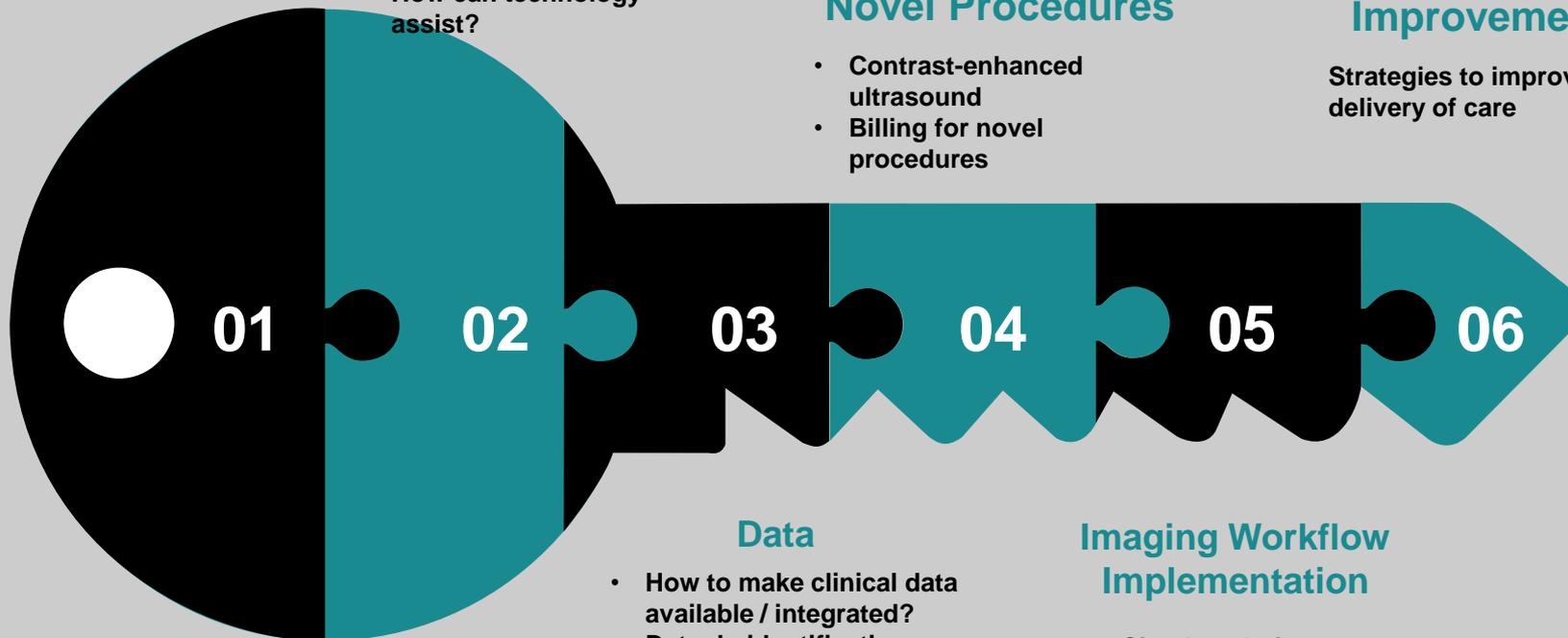
- Systematic approach
- How can technology assist?

Novel Procedures

- Contrast-enhanced ultrasound
- Billing for novel procedures

Patient-Centered Improvements

Strategies to improve delivery of care



Report Standardization

- Successful stories
- Challenges
- Hybrid process?

Data

- How to make clinical data available / integrated?
- Data de-identification process

Imaging Workflow Implementation

- Simple solutions (softwares, optimization processes?)

Pillar #4: Sustainability



Receiving new knowledge

LQ2 Course

VC CPI Role

Applying new knowledge

Established AI groups

- Annual CPI day (local and departmental)
- Annual report
- CPI rounds
- CPI committee (DIVERSITY)
- Exchange program (CQUIPS, VP, Industry, academia)

Lead of Imaging PCH SickKids

Personalized Health Care



NEXT-GENERATION PRECISION MEDICINE

Local practice change

PRIME



UNIVERSITY OF TORONTO

ORGANIZATIONAL MOTIVATION



Thank you!



SERENDIPITY

Being at the right place at the right time has its advantages.