


I WANT TO STUDY MEDICINE!

TIPS FOR ADVISING STUDENTS



*UTSC Guidance
Counsellor Day*

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INTRODUCTIONS

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HEALTH CARE IS INTERDISCIPLINARY



UNDERGRADUATE MEDICAL EDUCATION: OVERVIEW



UNIVERSITY OF TORONTO
FACULTY OF MEDICINE

MORE THAN JUST MEDICINE: PROGRAM OPTIONS

Medicine

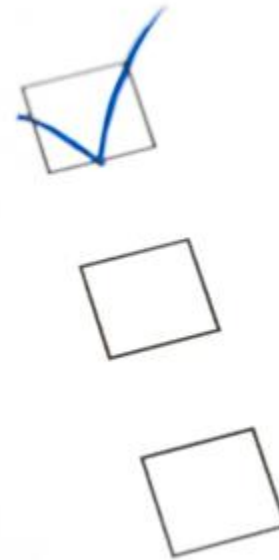
- *MD or MD/PhD*

Medical Radiation Sciences

- *Joint BSc + Advanced Diploma*

Physician Assistant

- *BScPA*



PATHWAY TO MEDICINE

Undergraduate Bachelor's Degree
(3+ years+)

Doctor of Medicine (3-4 years)

Postgraduate Residency Training
(2-5+ years)

Postgraduate Fellowship
Subspecialty Training (1-3+ years)



DOCTOR OF MEDICINE (MD): PROGRAM DETAILS

MD

- 4 years
- Foundations & Clerkship

MD/PhD

- 8+ years
- Broad range of Research



MD PROGRAM: TWO CAMPUSES



MD PROGRAM: ACADEMIES



MD PROGRAM: FOUNDATIONS



YEARS 1 & 2

Includes specific content areas in medical sciences

Development of practical skills, student-patient interactions at clinical sites, case studies, health promotion



MD PROGRAM: CLERKSHIP



YEARS 3 & 4

Comprised of a series of clinical rotations in all of the core areas of medicine

Opportunity to participate in electives/selectives



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WHAT IS MEDICAL RADIATION SCIENCES?



Medical Radiation Sciences combines cutting edge technology with patient care.

Three specialized streams:

- Nuclear Medicine and Molecular Imaging Technology
- Radiation Therapy
- Radiological Technology



MEDICAL RADIATION SCIENCES: PROGRAM DETAILS

- Partnered with the Michener Institute of Education at UHN
- Upon graduation, students receive both a Bachelor of Science Degree and Advanced Diploma in Medical Radiation Sciences
- All streams include approximately 40 weeks of Clinical experience at sites across Ontario and beyond

MORE THAN JUST MEDICINE: PROGRAM OPTIONS

Medicine

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WHAT ARE PHYSICIAN ASSISTANTS?



Health care professionals who practice under the supervision of a licensed physician



PAs are able to conduct physical examinations, order and interpret tests, diagnose and treat illnesses, assist in surgeries, and more



PHYSICIAN ASSISTANT: PROGRAM DETAILS

- Partnered with the Northern Ontario School of Medicine and the Michener Institute of Education at UHN
- Distance and distributed education program with the majority of the first year delivered on-line
- 10 clinical rotations throughout second year (total of 40 weeks)



MEDICAL PROGRAMS: THE ADMISSIONS PROCESS



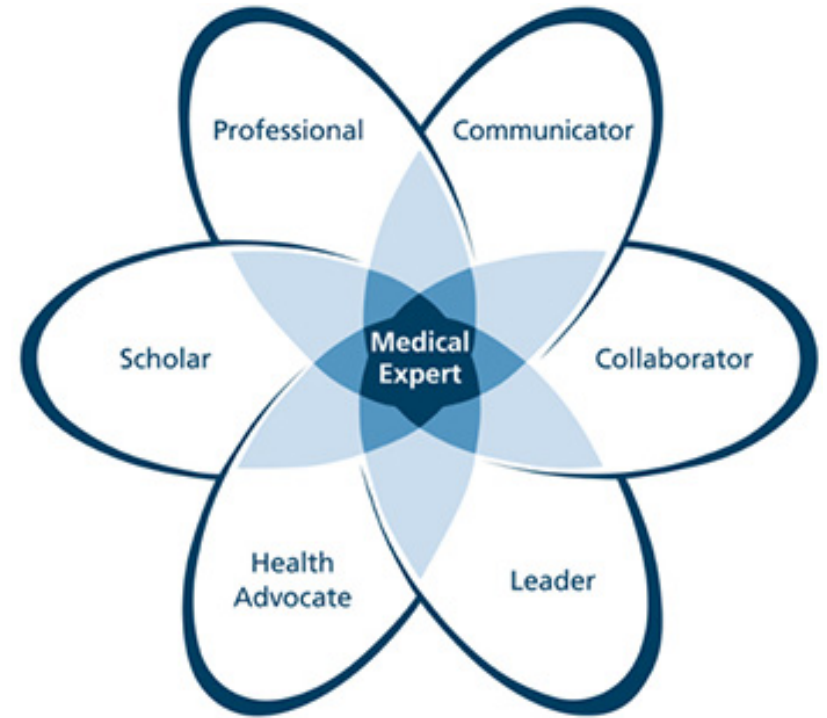
ADMISSIONS REQUIREMENTS: MD PROGRAM

- At least 3 years of study (15 credits) towards a Canadian university bachelor's degree in any discipline
- Minimum GPA of 3.6 / 4.0 on the OMSAS scale
- Minimum MCAT scores of 125 in each of the four sections
- Prerequisites: 2 full-course equivalents in Life Sciences; and 1 full-course equivalent in any of Social Sciences, Humanities, or a Language



ADMISSION REQUIREMENTS: MD PROGRAM

- Letters of Reference
- Autobiographical Sketch
- Brief Personal Essays
- Interviews



CANMEDS



APPLICATION PROGRAMS: DIVERSITY



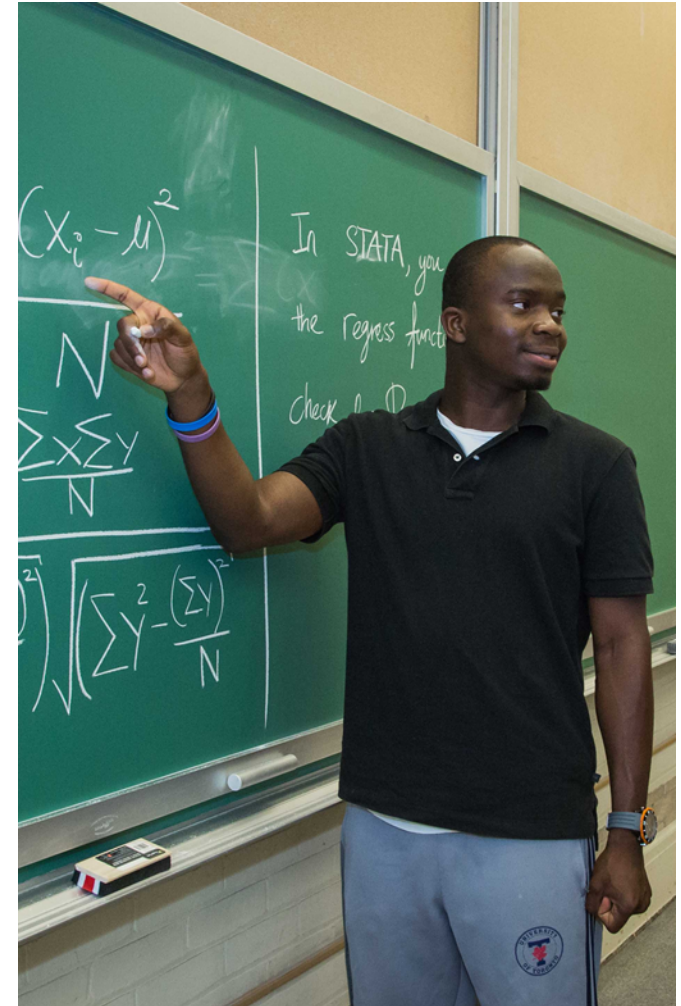
Indigenous Student Application
Program (ISAP)



Black Student Application
Program (BSAP)

OUTREACH: DIVERSITY

- Summer Mentorship Program
 - High school students of Indigenous and Black ancestry explore health sciences at U of T over four-weeks in July
- Community of Support
 - Black, Indigenous and economically disadvantaged students receive mentorship, job-shadowing, volunteer and research opportunities, medical-school admission information and guidance



ADMISSIONS REQUIREMENTS: MEDICAL RADIATION SCIENCES

- A minimum of one year (5 credits) of university education, with successful completion of one course/.5 credit in each of:
 - Human Biology
 - Mathematics (Calculus)
 - Physics (electromagnetism)
- Minimum cumulative GPA of B-
- Grade 12 U-level Chemistry or equivalent (Nuclear Medicine and Molecular Imaging applicants only)



ADMISSIONS PROCESS: MEDICAL RADIATION SCIENCES

- Eligible candidates will be invited to attend an interview
- Multiple Mini Interview (MMI)
 - Applicants will complete a 1.5 hour circuit of eight, 7-10-minute mini-interview stations, rotating from station to station



ADMISSIONS REQUIREMENTS: PHYSICIAN ASSISTANT

- Canadian Citizenship or Permanent Resident Status required
- At least two years of study towards a university bachelor's degree in any discipline (equivalent of 10 credits at U of T)
- Minimum cumulative GPA of 2.7 calculated on the OMSAS scale
- Minimum of 910 hours of healthcare experience (volunteer, student, or paid)



ADMISSION REQUIREMENTS: PHYSICIAN ASSISTANT

- Supplemental Application
- Letter of Reference
- Statement of Verification

- Eligible candidates will be selected for interview (MMI – multiple mini interview format)



THANK YOU. QUESTIONS?



| PROGRAM COMPARISON | | MD PROGRAM | MRS PROGRAM | PA PROGRAM |
|--------------------|----------------------------|--|--|---|
| ADMISSIONS | Prior University Education | 3 Years (15 credits) | 1 Year (5 credits) | 2 Years (10 credits) |
| | Prerequisite Courses | 2.0 credit Life Sciences 1.0 credit Humanities, Social Sciences or Language | .5 credit Human Biology .5 credit Math (calculus) .5 credit Physics (electromagnetism) | Preferred: 1.0 credit Chemistry 1.0 credit Human Anatomy 1.0 credit Physiology |
| | Minimum Required cGPA | 3.6 / 4.0 (OMSAS Scale) | B- | 2.7 / 4.0 (OMSAS scale) |
| | Other | MCAT | | Healthcare experience -minimum 910 hours |
| PROGRAM | Program Length | 4 Years | 3 Years (8 consecutive semesters) | 2 Years (6 consecutive semesters) |
| | Credentials Awarded | Doctor of Medicine | Bachelor of Science & Advanced Diploma | Bachelor of Science, Physician Assistant |

