I WANT TO STUDY MEDICINE!
TIPS FOR ADVISING STUDENTS

UTSC Guidance Counsellor Day
April 4, 2017

UNIVERSITY OF TORONTO
FACULTY OF MEDICINE
INTRODUCTIONS

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HEALTH CARE IS INTERDISCIPLINARY

- Nursing
- Physician Assistant
- Public Health
- Medicine
- Pharmacy
- Physical Therapy
- Dentistry
- Occupational Therapy
- Social Work
- Speech and Language Pathology
- Medical Radiation Sciences
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

- Mississauga Academy of Medicine (MAM) - Trillium Health Partners, University of Toronto Mississauga
- Fitzgerald Academy (FITZ) - St. Michael's Hospital, St. Joseph's Health Centre
- Wightman-Berris Academy (W-B) - Mount Sinai Hospital, Michael Garron Hospital, University Health Network
- Peters-Boyd Academy (P-B) - North York General Hospital, Sunnybrook Health Sciences Centre
- Specialty Hospitals (SH) - SickKids, Holland Bloorview, CAMH, Baycrest

FACULTY OF MEDICINE
UNIVERSITY OF TORONTO
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
MORE THAN JUST MEDICINE: PROGRAM OPTIONS

Medicine
- \textit{MD or MD/PhD}

Medical Radiation Sciences
- \textit{Joint BSc + Advanced Diploma}

Physician Assistant
- \textit{BScPA}
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
• *MD or MD/PhD*

Medical Radiation Sciences
• *Joint BSc + Advanced Diploma*

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