

SCHULICH SCHOOL OF  
MEDICINE & DENTISTRY  
WESTERN UNIVERSITY

2022

# DEAN'S REPORT

## ANNUAL PERFORMANCE REVIEW





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## A MESSAGE FROM DEAN JOHN YOO



2022 was an incredible year for our School. As the pandemic wore on, our faculty, staff and learners moved forward with tenacity, drive and focus.

We made some significant progress on key priorities highlighted in our five-year Strategic Plan, including:

- **Nurturing excellence in our educational programs.**  
Enhancing our Bachelor of Medical Sciences program through experiential learning focused on students' career goals, growth, and internationalization is among our top priorities.  
We've made great progress on our goal to expand this program to over 1,300 first-year students. This will be complemented with plans to increase the amount of physical space at the School, including through a new Bioconvergence Centre.

- **Continuing to build strategic relationships with key global partners.**  
On a recent trip to Kampala, Uganda, their President committed to building a new joint research facility to open in 2024/2025, which will allow us to enhance our existing research collaborations.
- **Capitalizing on our core areas of research strength to broaden our impact.**  
In recent years, we have focused on accelerating randomized clinical trials with the goal of making them faster and more efficient to conduct.  
By streamlining an approach to clinical trials, and leveraging big data and artificial intelligence, we are paving the way to move treatments and therapies to patients faster and more cost-effectively.
- **An on-going commitment to social accountability.**  
Dr. Sukhveer Bains was appointed Acting Associate Dean of Equity, Diversity, Inclusion and Decolonization – a primary Strategic Plan goal.  
Our commitment to social accountability begins with a more inclusive school. Under Dr. Bains' leadership, this office will work to ensure everyone has a place and voice, to maximize our community's potential.

In addition to these highlights, I am filled with a sense of gratitude when I see our faculty, staff and learners working with passion and dedication every day. I also have a strong sense of pride for the outstanding work they do and the many prestigious awards and recognitions they received.

The aspirations of Schulich Medicine and Dentistry are ambitious, and our future looks incredibly promising. I am excited to see that we are well on the way to accomplishing what we've set out to do in our Strategic Plan.

Sincerely,

**John Yoo, MD, FRCS(C), FACS**  
Dean, Schulich School of Medicine & Dentistry  
Western University

## 2022 AT A GLANCE

- The newly opened Equity, Diversity, Inclusion and Decolonization (EDID) Office appointed Dr. Sukhveer (Sukhi) Bains as Acting Associate Dean. The office is responsible for providing leadership to help our Faculty embed equity, diversity, inclusion and decolonization principles in all that we do, and is part of Schulich Medicine & Dentistry's strategic plan commitment to belonging and social accountability.
- Schulich Medicine & Dentistry is currently undergoing the accreditation process to reaffirm that Schulich Medicine is delivering quality education and training for our future medical professionals. As of February 2023, the steering committee is in the process of finalizing the Medical School Self-Study (MSS) for submission in advance of site visits from the Committee on Accreditation of Canadian Medical Schools.
- Dr. Amit Garg, Associate Dean of Clinical Research, received \$3.4 million to develop a coaching program for researchers that will make it easier and more efficient to conduct clinical trials. With this funding, the training program will help a new generation of clinicians and researchers conduct better, faster, more efficient and cost-effective clinical trials.
- The ImPaKT Facility, which aligns top researchers and state-of-the-art tools to combat deadly pathogens, received \$16 million as part of the new federal Biosciences Research Infrastructure Fund (BRIF). This funding will help to expand ImPaKT's state-of-the-art biocontainment level 3 facility and enable expanded research impact.
- The Africa Institute, a multidisciplinary research hub focusing on advancing scholarship related to African societies, politics, health, culture, education, ecosystems, and economies, now has a new 'virtual' home at Schulich Medicine & Dentistry. As the Institute's home base, research, learning partnerships and funding opportunities with African countries and institutions will continue to be strengthened, a critical part of the School's internationalization goals.
- Dr. Roberta Bondar, Canada's first female astronaut, the first neurologist in space, and Schulich Medicine resident alumna, was awarded the inaugural Dr. Stephen Blizzard Trailblazer Award, which recognizes those who exemplify excellence, advancing uncharted fields within and beyond medicine.
- Since its launch in early 2020, about one-third of clinical faculty have accessed the Peers for Peers program. Peers for Peers provides one-on-one peer support for clinical faculty, emphasizing empathetic listening and shared experience. There are currently 55 Well-Being Leads, expanded from an initial group of 17, representing every clinical department including Dentistry and the Windsor Campus. As of April 2023, more than 300 encounters have occurred since the inception of the program.

## CURRENT SCHOOL ENROLMENT

- 684 Doctor of Medicine (MD) Program students, including 145 at the Schulich Medicine & Dentistry – Windsor Campus
- 224 Doctor of Dental Surgery (DDS) Program students
- 1,266 students in Years 3 and 4 of the Bachelor of Medical Sciences Program, 30 of whom are in the combined BMSc/HBA degree
- 78 Undergraduate Program in Neuroscience (BSc) students
- 1,127 postgraduate medical trainees (residents and fellows)
- 5 hospital-based postgraduate dental residents
- 703 trainees (366 master's, 226 doctoral, 1 graduate diploma in Pathology and Laboratory Medicine, 110 postdoctoral scholars)
- 9 graduate students with specialized training in Orthodontics and Dental Facial Orthopaedics
- 6 graduate trainees in the Oral and Maxillofacial Surgery Program
- 57 students in the Internationally Trained Dentists (ITD) Program
- 57 students working toward a Master's degree in Public Health (12-month, course based)



# EDUCATION





# PROGRAM OFFERINGS

The Schulich School of Medicine & Dentistry offers a range of degree and combined degree programs for undergraduate, graduate and postgraduate learners.

**Undergraduate Programs**

- Bachelor of Medical Sciences (BMSc)
- Bachelor of Science (BSc) – Neuroscience

**Graduate Studies and Postdoctoral Affairs**

- 18 graduate programs, including:
- Master of Science (MSc)
- Master of Clinical Science (MCISc)
- PhD programs in basic and clinical sciences

**Postgraduate and Clinical Graduate Programs**

- Medicine (PGME)
- Oral and Maxillofacial Surgery
- General Practice Residency, Dentistry
- Graduate Orthodontics

**Professional Programs**

- Doctor of Medicine (MD)
- Doctor of Dental Surgery (DDS)
- Master of Public Health (MPH)
- \*Advanced Standing Program for Internationally Educated Dentists
- Pathologists' Assistant Program

**Combined Degree Programs**

- Dental Clinician Scientist
- MD/PhD
- BMSc/HBA (Business Administration)
- PhD in Medical Biophysics/\*\*CAMPEP

**Professional Development**

- Continuing Medical Education
- Continuing Dental Education
- Faculty Development

\* formally called Internationally Trained Dentists (ITD)  
\*\* CAMPEP (Commission on the Accreditation of Medical Physics Educational Programs)





# EDUCATION HIGHLIGHTS

## BACHELOR OF MEDICAL SCIENCES UNDERGRADUATE EDUCATION/NEUROSCIENCE

- > The BMSc program continues to strengthen its connection with existing international students and those from other countries looking to apply to the prestigious program. This fall, the department hosted its first International Student Network Luncheon for current international students during Western's International Week. The lunch aimed to create a casual opportunity for students to share their perspectives on the program and connect with each other.

## DENTISTRY

- > Schulich Dentistry experienced a very successful return to their clinic during the pandemic with no transmission of COVID-19. The re-opening was so well received by Western University that it was used as a template for other units across the University. The re-opening of the clinics allowed fourth-year dental students to gain patient care exposure and successfully graduate.
- > Schulich Dentistry is collaborating with the Faculty of Dentistry at the University of Toronto on a \$6-million grant from Green Shield Canada to conduct a clinical trial on the impact of cost-free dental care on oral and systemic health. Researchers are also collaborating on a Canadian Institutes of Health Research-funded, Canada-wide study to examine COVID-19 infection rates in the Canadian dental workforce and dental school faculty and students.

## DOCTOR OF MEDICINE

- > This year saw the newly formed Academy of Educators program launched. Tasked with assuring a purposeful and planned four-year curriculum, the Academy of Educators is comprised of 20 appointed faculty members who plan, deliver and integrate all individual components of the medical education curriculum, including courses, assessment, scholarship, and remediation.
- > To provide international learners with an opportunity to study medicine at Western, the International Pathway was launched. Three applicants may be accepted annually through the International Pathway and will be eligible to attend the MD Program at the Schulich Medicine Windsor Campus.
- > For their resident programming, 50 per cent of MD'22 graduates matched to Family Medicine – a critical societal need for Canadian health care.
- > This year saw the second cohort of MD+ students enter the program. The MD+ is a new track within the MD Program offering four different options for medical student learning. It also provides opportunities to pursue Western University certificates or diplomas to complement their Doctor of Medicine degree.

## GRADUATE STUDIES AND POSTDOCTORAL AFFAIRS

- > The first cohort of Interdisciplinary Medical Sciences graduate students graduated and expressed considerable satisfaction with the program. The one-year course-based Master of Science provides students with the skills necessary to integrate, collaborate, and disseminate knowledge and practices related to the fields of research at Schulich Medicine & Dentistry.
- > The Global Health Systems (GHS) graduate program was revamped with an improved and more focused curriculum, giving students opportunities to discuss and propose solutions to issues in Global Health Systems in African and other low-to middle-income countries, while gaining the knowledge and skills to become leaders in this growing and dynamic field.
- > The Pharmacovigilance and Drug Safety, Orthodontics and Neurosciences graduate programs were successfully shepherded through the Institutional Quality Assurance Process (IQAP), ensuring the program aligns with Western's institutional quality and standards it mandates for academic excellence.
- > On October 19, 2022, student Jaky Kueper graduated with Western's first-ever combined PhD, bringing together studies in epidemiology and biostatistics at Schulich Medicine & Dentistry with computer science in the Faculty of Science.

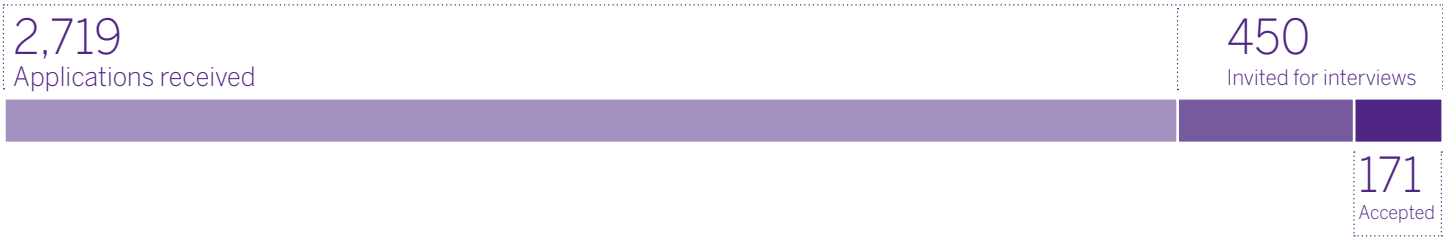
## POSTGRADUATE MEDICAL EDUCATION

- > To support continuous quality improvement and deliver an assured level of quality for postgraduate medical education, seven residency and Area of Focused Competence (AFC) programs underwent external accreditation review; and seven additional programs submitted action plan outcome reports for external accreditation feedback. In addition, 15 residency and AFC programs will be undergoing internal accreditation review. Currently, two new AFC programs have completed the accreditation process: Prehospital and Transport Medicine, and Adult Echocardiography.
- > Dashboards were implemented in Elentra (the online learning management system for both residents and Competence Committees). These dashboards significantly improved users' abilities to review real-time Entrustable Professional Activity (EPA), a key data metric to track trainee progression information and ensure a trainee can perform a key task of the discipline.
- > Residency programs in diagnostic radiology, hematology, maternal-fetal medicine, and neuropathology transitioned to Competence by Design (CBD) in 2022. In a CBD system, a curriculum is organized around the outcomes expected of a resident and that resident's advancement is dependent on having achieved those expected outcomes. Ophthalmology, Pain Medicine, and Paediatric Emergency Medicine will transition to CBD in 2023. This nation-wide undertaking began in 2017 and by July 2023, almost 90 per cent of Royal College residency programs at Schulich Medicine & Dentistry will have [transitioned to CBD](#).

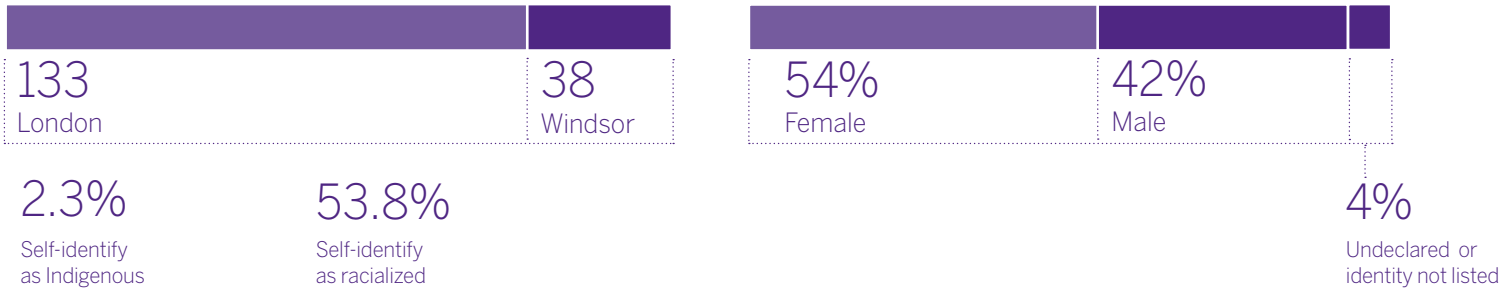
# EDUCATION NUMBERS

## DOCTOR OF MEDICINE:

Medicine Class of 2026 profile



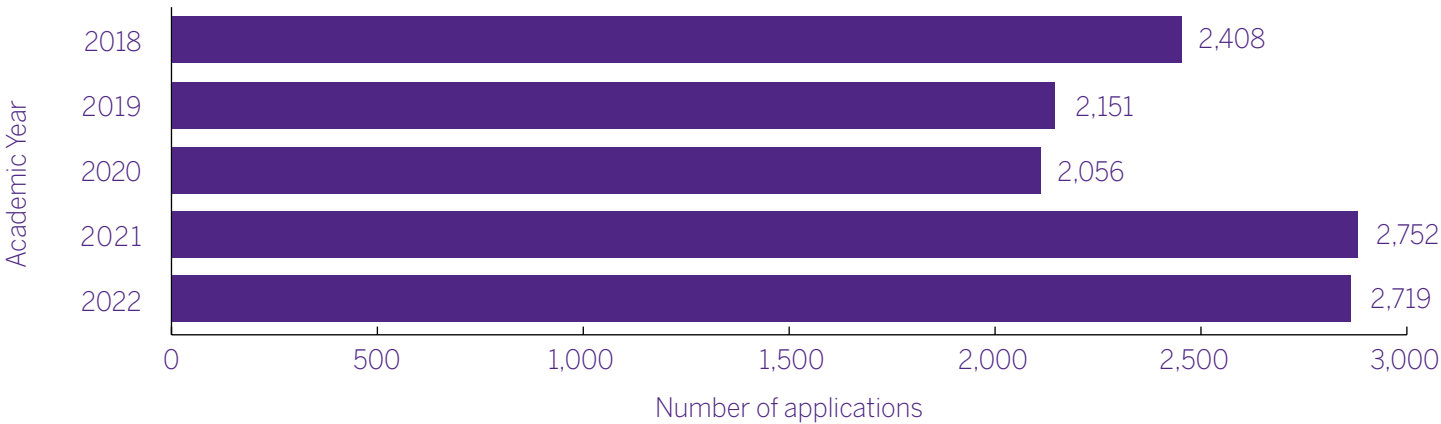
Demographics of the 171 students accepted



Demographics of applicants from Southwestern Ontario



Schulich Medicine applications 2018-2022



## MD+ PROGRAM

Number of students newly enrolled in MD+ (Fall 2022)

2

Total number currently enrolled in MD+

2

Total number completed MD+

2

## POSTGRADUATE MEDICAL EDUCATION:

Total enrolment for 2022-2023

1,127

Postgraduate Year 1 (PGY-1) CaRMS entry positions for July 2022

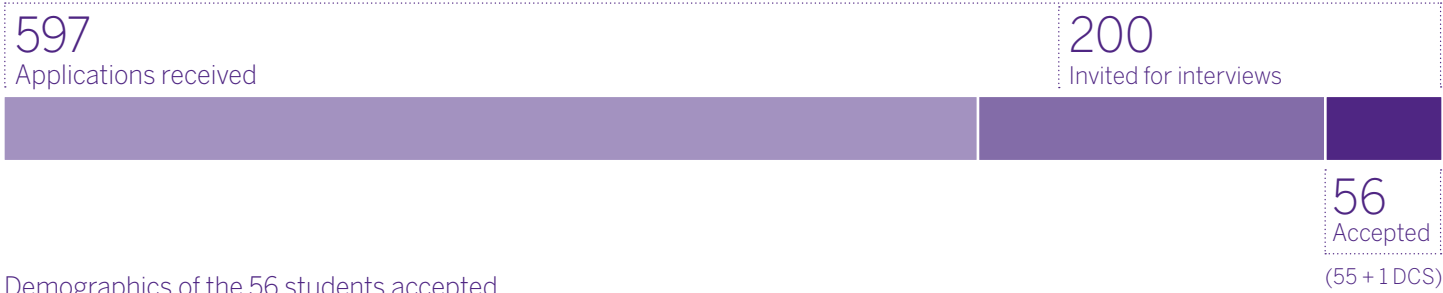
185

## DISTRIBUTED EDUCATION LEARNERS AND TRAINING MONTHS:

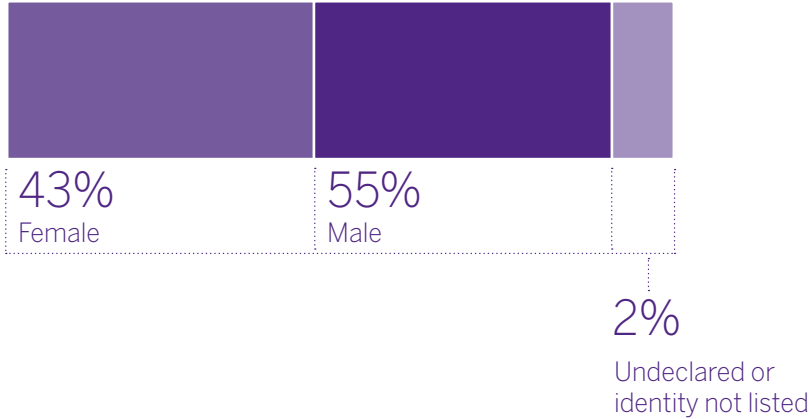
| Programs                  | Postgraduate training | Clerkship training | Undergraduate elective training | Total |
|---------------------------|-----------------------|--------------------|---------------------------------|-------|
| Number of learners        | 539                   | 173                | 193                             | 905   |
| Number of training months | 825                   | 502                | 340                             | 1,667 |

DOCTOR OF DENTAL SURGERY:

Dentistry Class of 2026 profile

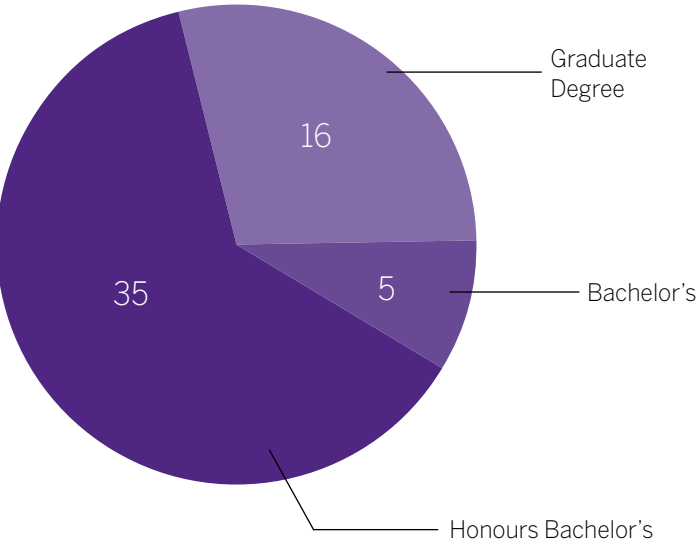


Demographics of the 56 students accepted

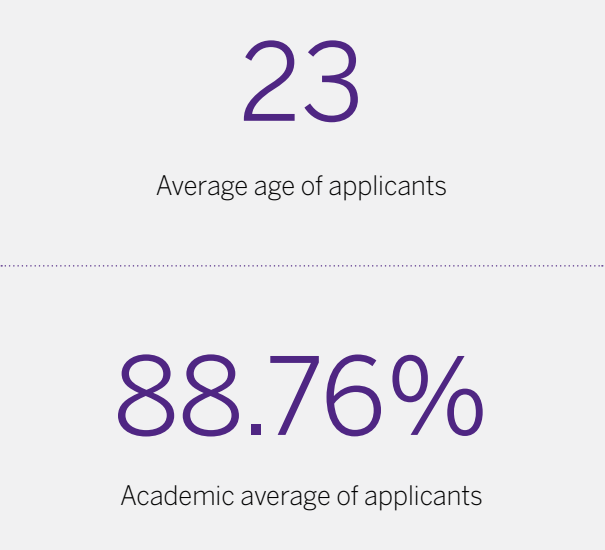


|    |                           |
|----|---------------------------|
| 50 | From Ontario              |
| 2  | From British Columbia     |
| 2  | From Alberta              |
| 1  | From Quebec               |
| 1  | From Prince Edward Island |

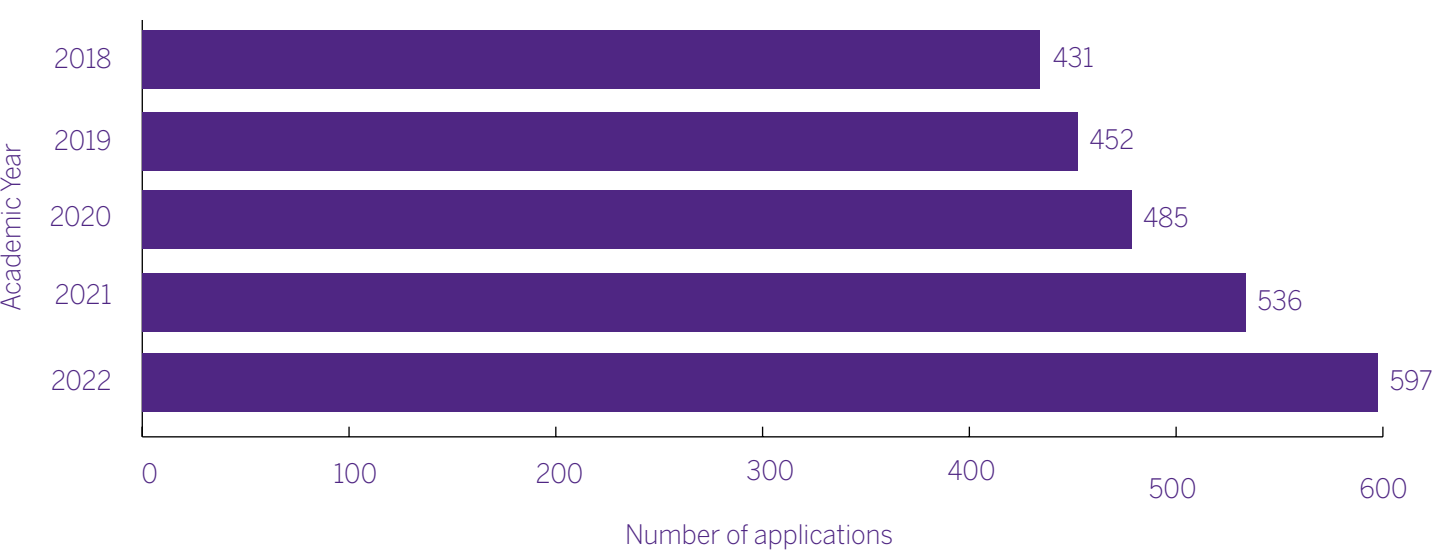
Applicant degrees



Additional applicant information



Schulich Dentistry applications for academic years 2018-2022



|      |      |      |      |      |
|------|------|------|------|------|
| 2018 | 2019 | 2020 | 2021 | 2022 |
| 201  | 228  | 135  | 97   | 85   |



BACHELOR OF MEDICAL SCIENCES:

Basic Medical Sciences Undergraduate Education 2018-2022

|           | Year 3 | Year 4 | Total  |
|-----------|--------|--------|--------|
| 2018-2019 | 494    | 479    | 973    |
| 2019-2020 | 492    | 494    | 986    |
| 2020-2021 | 604    | 508    | 1,112  |
| 2021-2022 | 634    | 575    | 1,209  |
| 2022-2023 | 633    | 633    | 1,266* |

\*30 of these students are in the combined BMSc/HBA degree

Undergraduate Neuroscience total enrolment 2018-2022

|           | Year 2 | Year 3 | Year 4 |
|-----------|--------|--------|--------|
| 2018-2019 | 29     | 29     | 30     |
| 2019-2020 | 30     | 25     | 27     |
| 2020-2021 | 30     | 31     | 26     |
| 2021-2022 | 30     | 29     | 29     |
| 2022-2023 | 24     | 29     | 25     |

The Honours Specialization in Neuroscience leads to a Bachelor of Science Honours degree. Admission begins in Year 2, with the majority of the students coming from Year 1 Medical Sciences.

GRADUATE STUDIES AND POSTDOCTORAL AFFAIRS:

Graduate Studies and Postdoctoral Affairs enrolment

|                        |                   |                       |   |
|------------------------|-------------------|-----------------------|---|
| 67<br>MSc course-based | 299<br>MSc thesis | 226<br>PhD candidates | 1<br>Graduate diploma<br>(GDIP Pathology<br>and Lab Medicine) |
|------------------------|-------------------|-----------------------|---|

|                                  |   |                                 |
|----------------------------------|---|---------------------------------|
| 57<br>Master of<br>Public Health | Orthodontics<br>9<br>Total MCID enrolment | 110<br>Postdoctoral<br>Scholars |
|----------------------------------|---|---------------------------------|

769

Graduate and Postdoctoral Trainees

Basic Sciences

235143

Total MSc enrolmentTotal PhD enrolment

Neuroscience

6483

Total full-time MSc enrolmentTotal PhD enrolment



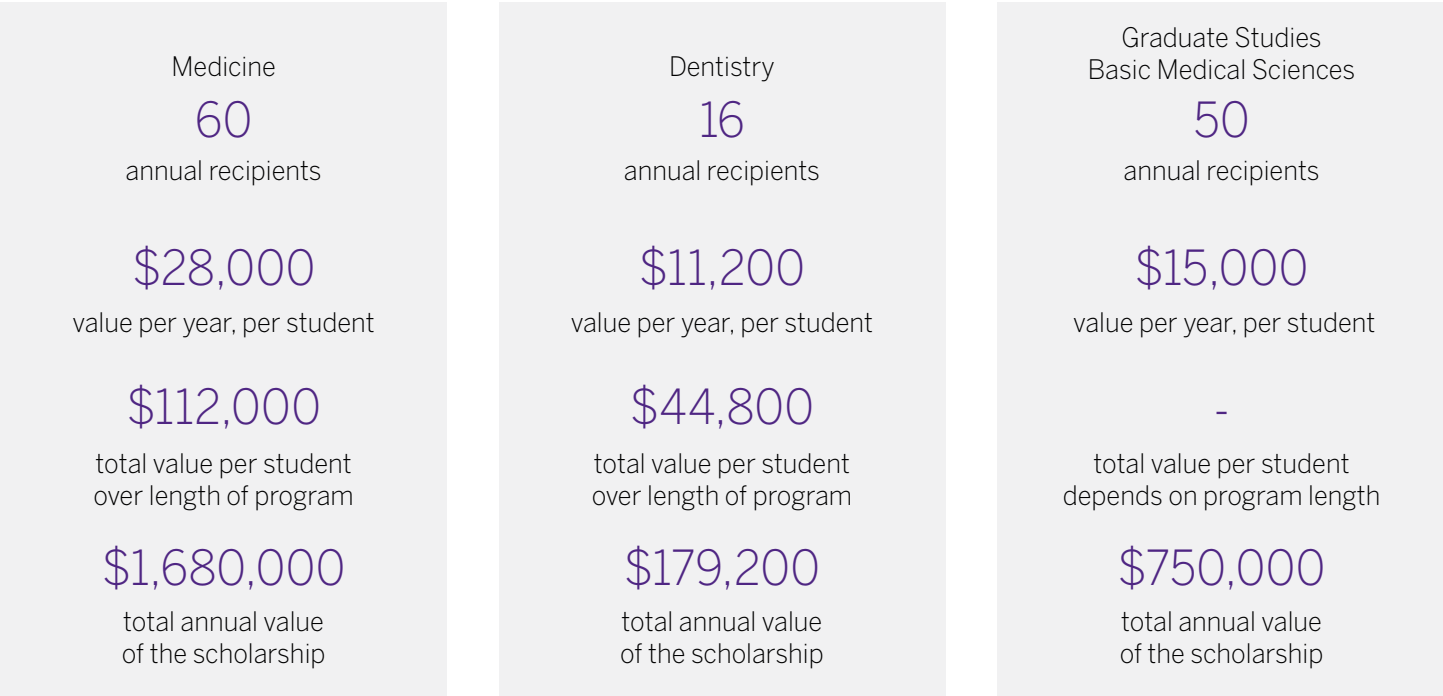


# FINANCIAL ACCESSIBILITY





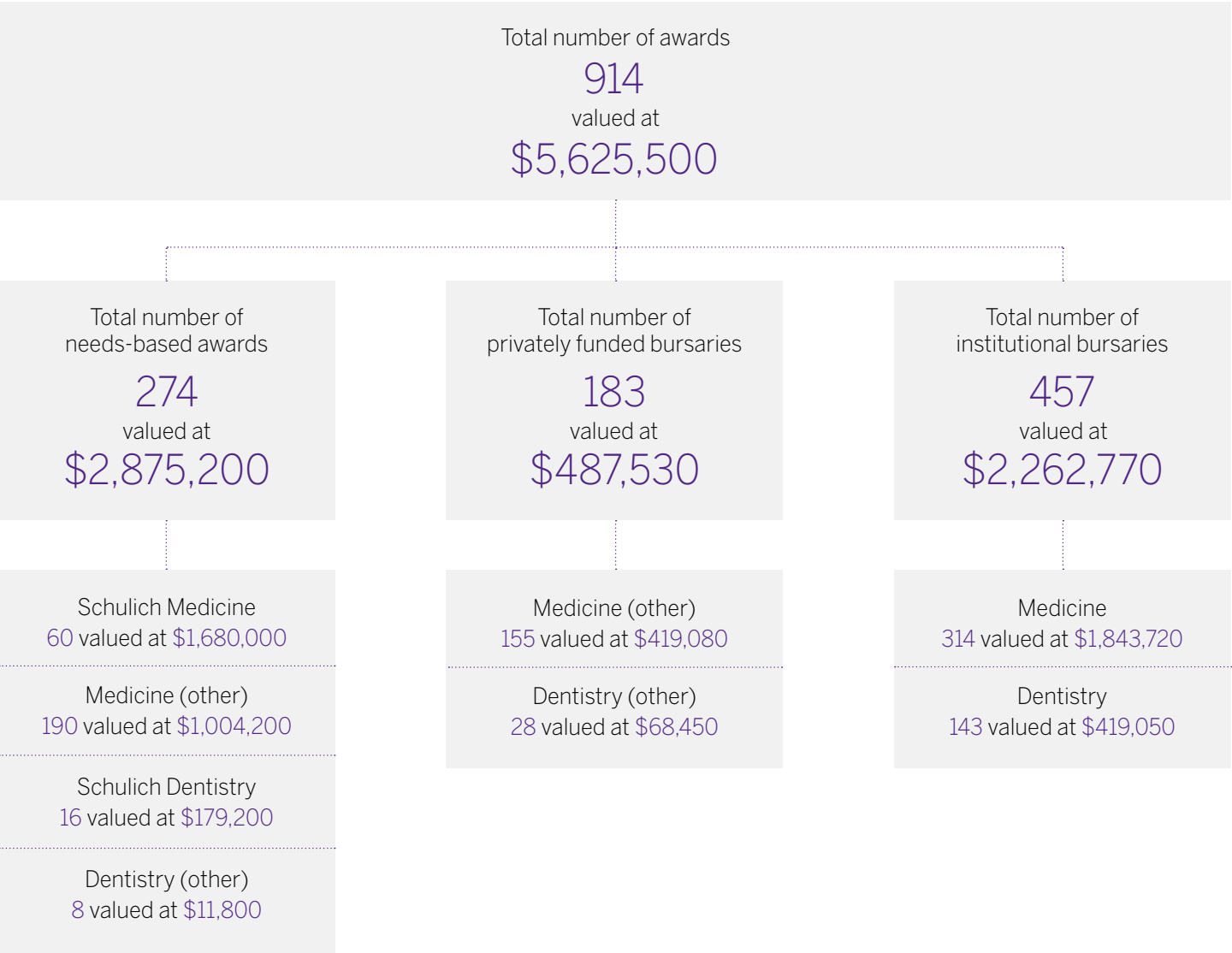
Monetary breakdown of yearly scholarships supported by Mr. Seymour Schulich



Grants and award funding for graduate students 2021-2022

| Type of Scholarship                               | Basic Medical Sciences | Neuroscience   | Total funds    |
|---|------------------------|----------------|----------------|
| Western Graduate Research Scholarships            | \$1,922,681.74         | \$941,199.08   | \$2,863,880.82 |
| Ontario Graduate Scholarships                     | \$795,000.00           | \$175,000.00   | \$970,000.00   |
| Canadian Institutes of Health Research            | \$624,167.28           | \$173,333.36   | \$797,500.64   |
| Natural Sciences and Engineering Research Council | \$1,041,833.66         | \$364,000.10   | \$1,405,833.76 |
| Vanier Canada Graduate Scholarship                | \$83,333.35            | \$50,000.01    | \$133,333.36   |
| Ontario Trillium                                  | \$80,000.04            | \$0            | \$80,000.04    |
| Other   | \$1,053,925.70         | \$456,700.06   | \$1,510,625.76 |
| Total   | \$5,600,941.77         | \$2,160,232.61 | \$7,761,174.38 |

Financial assistance breakdown for Medicine and Dentistry students





# OPERATIONS & ADMINISTRATION





FACILITIES

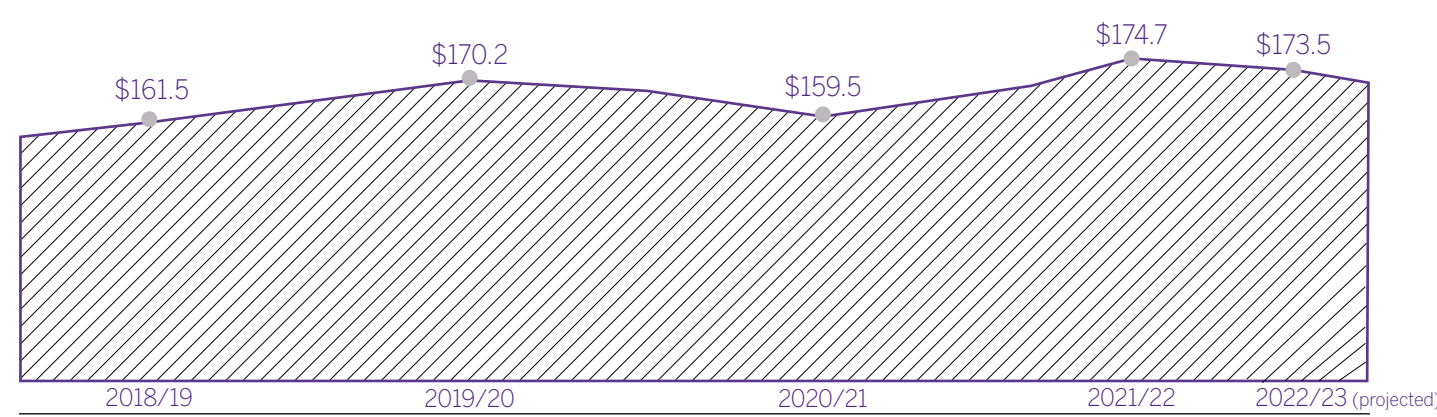
- The Interdisciplinary Medical Sciences (IMS) Graduate Program relocated to the second level of the Natural Sciences Building. With an increased campus footprint outside of traditional Medicine & Dentistry buildings, intercampus interaction and community collaborations are more frequent. An integral part to interdisciplinary work.
- Renovations were completed for the Department of Biochemistry on the third floor of the Medical Sciences Building and the ground floor of the Siebens-Drake Research Institute. These renovations allow for more efficient and effective use of existing space by allowing the sharing of space and temporary reassignments of flexible space between investigators.
- MRI chiller upgrades were completed. The existing chillers serving three of the research MRIs were legacy devices. The new chillers allow continued research activities with a reliable source of chilled water for many years to come.
- Renovations in the main Dental Clinic were completed over the summer and early fall. A portion of the open-air clinic was renovated to provide enclosed operatories. This was a response to the COVID-19 pandemic requirements for infection control and prevention.
- Other renovations were completed in the Siebens-Drake Research Institute and the Integrated Materials Technology Institute to accommodate new recruits. These high-level recruits were brought to London to elevate our existing research programs. The renovations were required to provide them with appropriate office and laboratory space.

| Western University                                   | 2021 Net Square Footage |
|--|-------------------------|
| Dental Sciences Building                             | 116,695                 |
| Dr. Don Rix Clinical Skills Learning Building        | 14,263                  |
| Health Sciences Addition                             | 37,128                  |
| Kresge Building                                      | 6,958                   |
| Medical Sciences Building                            | 91,803                  |
| Molecular Biology Laboratory                         | 11,208                  |
| Natural Sciences Centre                              | 6,823                   |
| Robarts Research Institute                           | 109,885                 |
| Siebens-Drake Research Institute                     | 43,234                  |
| Western Centre for Public Health and Family Medicine | 30,000                  |
| Total  | 467,997                 |

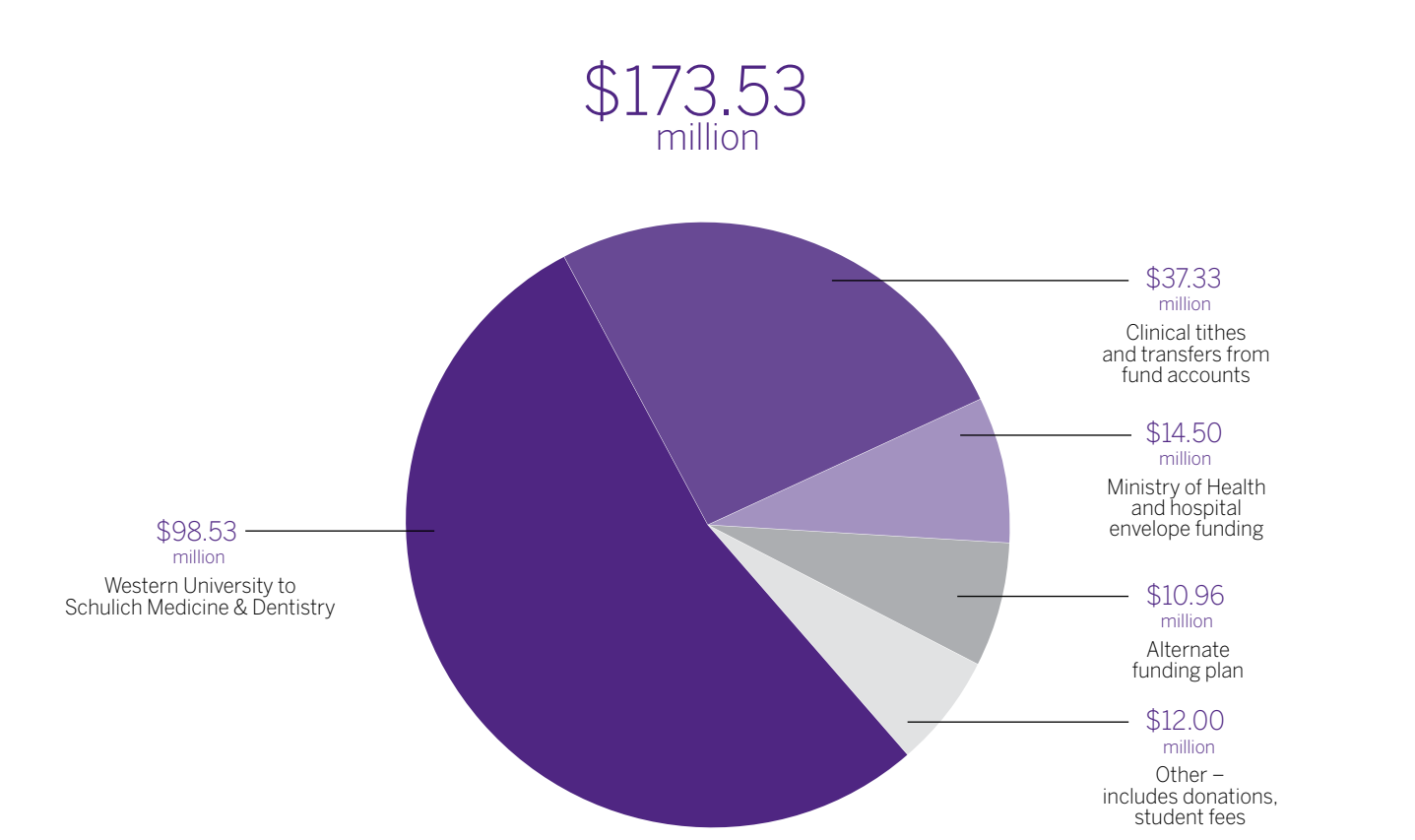
| University of Windsor                      | 2022 Net Square Footage |
|--|-------------------------|
| Dr. Murray O’Neil Medical Education Centre | 62,100                  |
| OVERALL TOTAL                              | 530,097                 |

FINANCE

Total operating revenue (in millions) 2018-2023

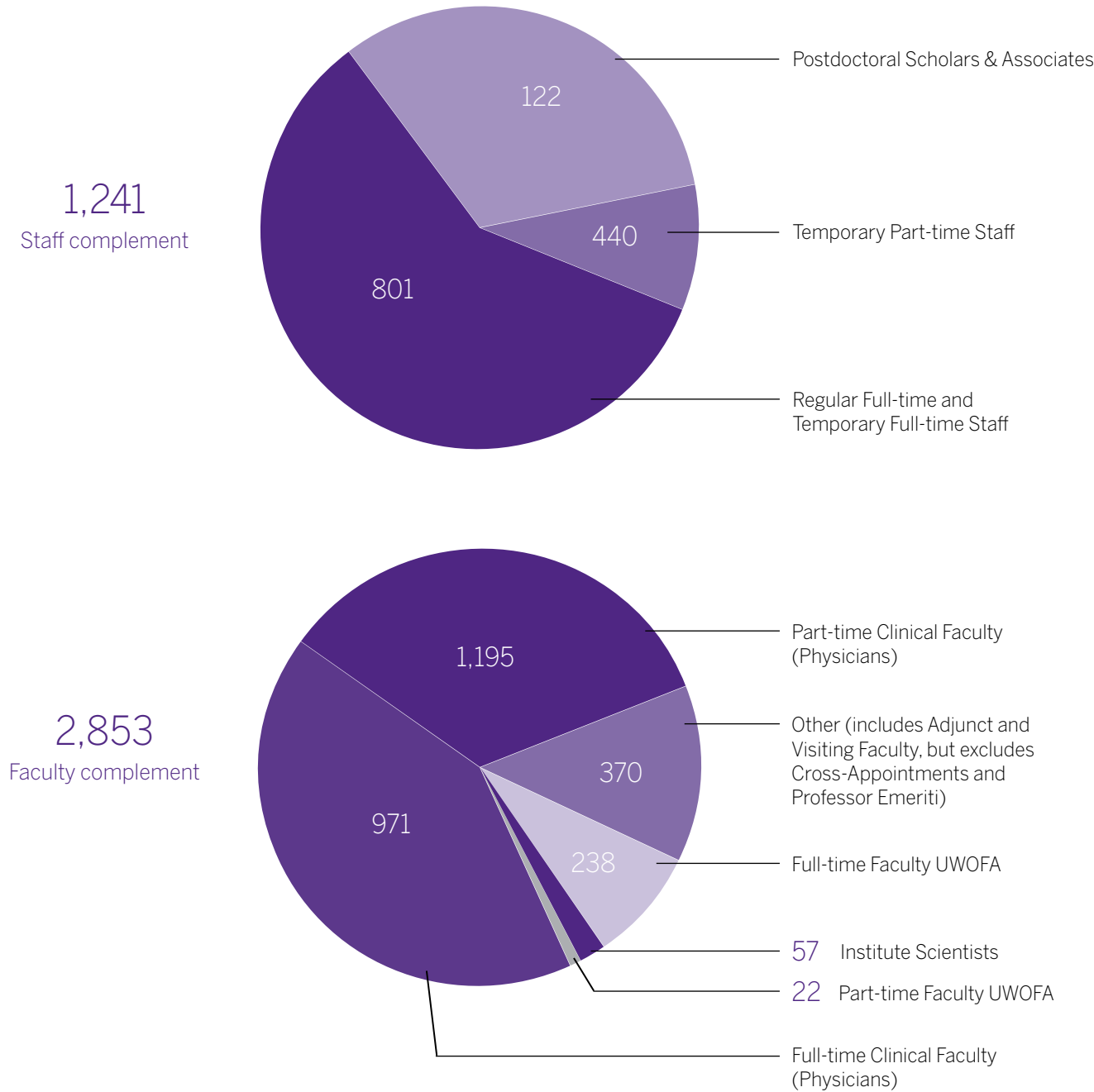


Total projected operating revenue 2022-2023



# HUMAN RESOURCES

Faculty and staff complement as of December 1, 2022



Leadership appointments and extensions 2022

| Decanal Appointments and re-appointments  | Appointment Duration         |
|---|------------------------------|
| Dr. Carlos Quiñonez, Vice Dean & Director of Schulich Dentistry                                   | June 1, 2022 - May 31, 2027  |
| Dr. George Kim, Associate Dean, Admissions  | July 1, 2022 - June 30, 2027 |
| Dr. William McCauley, Associate Dean, Faculty Development and Continuing Professional Development | Nov 1, 2022 - Oct 31, 2027   |
| Dr. Robert Stein, Assistant Dean, Learner Experience (Undergraduate Medicine)                     | Oct 1, 2022 - Sep 30, 2027   |

| Decanal Acting appointments   | Appointment Duration        |
|---|-----------------------------|
| Dr. Sukhveer Bains, Associate Dean, Equity, Diversity and Inclusion | Sep 1, 2022 - Dec 31, 2023  |
| Dr. Shawn Steele, Assistant Dean, Learner Experience, Dentistry     | Aug 1, 2022 - June 30, 2023 |

| Chair and Chair/Chief appointments   | Appointment Duration         |
|--|------------------------------|
| Dr. Narinder Paul, Chair/Chief, Medical Imaging                                | July 1, 2022 - June 30, 2027 |
| Dr. Craig Campbell, Interim Co-Chair/Chief, Paediatrics                        | July 1, 2022 - June 30, 2023 |
| Dr. Ram Singh, Interim Co-Chair/Chief, Paediatrics                             | July 1, 2022 - June 30, 2023 |
| Dr. John Fuller, Interim Chair/Chief, Anesthesia & Perioperative Medicine      | Jan 1, 2022 - June 30, 2023  |
| Dr. Michael Ott, Interim Chair/Chief, Oncology                                 | Jan 1, 2022 - June 30, 2023  |
| Dr. Robert Teasell, Interim Co-Chair/Chief, Physical Medicine & Rehabilitation | July 1, 2022 - June 30, 2023 |
| Dr. Keith Sequeira, Interim Co-Chair/Chief, Physical Medicine & Rehabilitation | July 1, 2022 - June 30, 2023 |



Endowed Chairs

| Chair name  | Incumbent 2022/2023        |
|---|----------------------------|
| (The) Dr. Joseph Rea Chair in Mood Disorders                                  | Dr. Elizabeth Osuch        |
| (The) Tanna Schulich Chair in Neurosciences & Mental Health                   | Dr. J. Donald Richardson   |
| Andrew Lazarovits Chair in Immunobiology and Transplantation                  | In progress                |
| Antonios Mamandras Chair in Graduate Orthodontics                             | In progress                |
| Beryl Ivey Chair in One Health  | Dr. Francisco Olea-Popelka |
| Cecil and Linda Rorabeck Chair in Molecular Neuroscience and Vascular Biology | Donald Welsh, PhD          |
| Chair in Orthopaedic Spine & Trauma Biomechanics                              | In progress                |
| Chin-Hardie Chair in Urologic Oncology  | In progress                |
| Col. J.B. McLean (Fallon) Memorial Chair in Clinical Preventive Medicine      | Dr. Saverio Stranges       |
| Diabetes Canada Chair in Diabetes Management                                  | Dr. Stewart B. Harris      |
| Dr. Adam Linton Chair in Kidney Health Analytics                              | Dr. Amit Garg              |
| Dr. Brian W. Gilbert Chair in Primary Health Care                             | Dr. Sonja Reichert         |
| Dr. John W.D. and Susan McDonald Chair in Inflammatory Bowel Disease          | Dr. Vipul Jairath          |
| Dr. Robert Lindsay Chair in Dialysis Research and Innovation                  | Dr. Christopher McIntyre   |
| Dr. Robert Zhong Research Chair in Translational Transplant Research          | Dr. L. Gunaratnam          |
| Dr. Sandy Kirkley Chair in Musculoskeletal Research                           | David W. Holdsworth, PhD   |
| Earl Russell Chair in Pain Management   | In progress                |
| Edith Schulich Vinet Chair in Human Genetics                                  | Dr. Robert A. Hegele       |
| Eugen Drewlo Chair in Kidney Research and Innovation                          | Dr. Dervla Connaughton     |
| Graham King Research Chair  | Dr. James Johnson          |
| GSK Chair in Clinical Pharmacology  | Dr. Michael J. Rieder      |
| Hannah Chair in the History of Medicine                                       | Shelley P. McKellar, PhD   |

| Chair name   | Incumbent 2022/2023         |
|--|-----------------------------|
| Harris-Woodman Chair in Psyche & Soma                                      | Dr. Ruth Lanius             |
| Heart & Stroke Foundation Barnett-Ivey Chair                               | Dr. Mark Chandy             |
| Huntington Society of Canada Research Chair                                | In progress                 |
| Ian McWhinney Chair of Family Medicine Studies                             | Dr. Kevin Pottie            |
| J.C. Kennedy Chair in Orthopaedic Surgery                                  | Dr. Steven MacDonald        |
| Jack Cowin Chair in Epilepsy Research                                      | Dr. Jorge Burneo            |
| Jacob J. Wolfe Distinguished Medical Research Chair in Human Gene Function | Dr. Robert A. Hegele        |
| John Denstedt Chair in Surgical Simulation                                 | Dr. Audra Duncan            |
| Kathleen and Dr. Henry Barnett Chair in Stroke Research                    | Dr. Luciano Sposato         |
| Martha G. Blackburn Chair in Cardiovascular Research                       | Dr. Robert A. Hegele        |
| Neil McKenzie Chair in Cardiac Care  | Dr. Geoffrey Pickering      |
| Provincial Endowed Academic Chair in Autism and Behavioural Sciences       | Dr. Julio Martinez-Trujillo |
| Ramsay W. Gunton Chair in Cardiology                                       | Dr. Raymond Yee             |
| Ray and Margaret Elliott Chair in Surgical Innovation                      | Dr. Michael Chu             |
| Richard and Beryl Ivey Chair in Clinical Neurological Sciences             | Dr. David Steven            |
| Richard and Jean Ivey Fund Chair in Molecular Toxicology                   | Qingping Feng, PhD          |
| Richard Ivey Chair of Medicine   | Dr. James Calvin            |
| Richard Ivey Chair of Surgery  | Dr. Emil Schemitsch         |
| Sheldon H. Weinstein Chair in Diabetes Research                            | David Hess, PhD             |
| Ting Yim Lee Chair in Medical Biophysics                                   | Jefferson Frisbee, PhD      |
| Ting Yim Lee Chair in Translational Medical Imaging                        | Dr. Narinder Paul           |
| William F. Clark Chair in Nephrology                                       | In Progress                 |
| Wolfe Medical Research Chair in Pharmacogenomics                           | Dr. Richard Kim             |



# RESEARCH





# RESEARCH

- The ImPaKT Facility, which aligns top researchers and state-of-the-art tools to combat deadly pathogens, received \$16 million in federal funding to expand its state-of-the-art biocontainment level 3 facility, which will be located within the new Pathogen Research Centre (PRC) at Schulich Medicine & Dentistry.
- Dr. Amit Garg, Associate Dean, Clinical Research, is spearheading an initiative to drive more randomized trials at Schulich Medicine & Dentistry and Western University, elevating the capacity to develop and lead trials that directly influence health care. The Accelerating Randomized Trials (ART) Platform will encourage and facilitate clinical trial advancement by supporting investigators in conducting their studies.
- With half the world having no access to essential health care, and some remote and low-resource areas littered with donated medical devices that no longer work, an interdisciplinary group at Western University is devising smart solutions. The Western Frugal Biomedical Innovation team is developing ways to redress inequities in Canadian and global health by designing, developing, testing and deploying biomedical devices that address the health challenges of the communities where they're most needed.
- Using functional MRI with inhaled xenon gas, researchers at Western were among the first to show that 'long-COVID' symptoms, such as brain fog, breathlessness, and fatigue are related to microscopic abnormalities that affect how oxygen is exchanged from the lungs to the red blood cells. The LIVECOVIDFREE study, based at five centres across Ontario, and led by Western University Professor Grace Parraga, is among the largest MRI study of patients with long-COVID.
- A new strategic partnership between Western University and the Joint Clinical Research Centre (JCRC) in Kampala, Uganda, is establishing a long-term commitment for research collaboration to address the world's most challenging global health issues.
- A new study by researchers at Western University, [ICES](#) and [Lawson Health Research Institute](#) found that virtual care during the COVID-19 pandemic led to a significant reduction in carbon dioxide emissions and patient travel-related expenses, such as gasoline, parking or public transit costs.

# CANADA RESEARCH CHAIRS

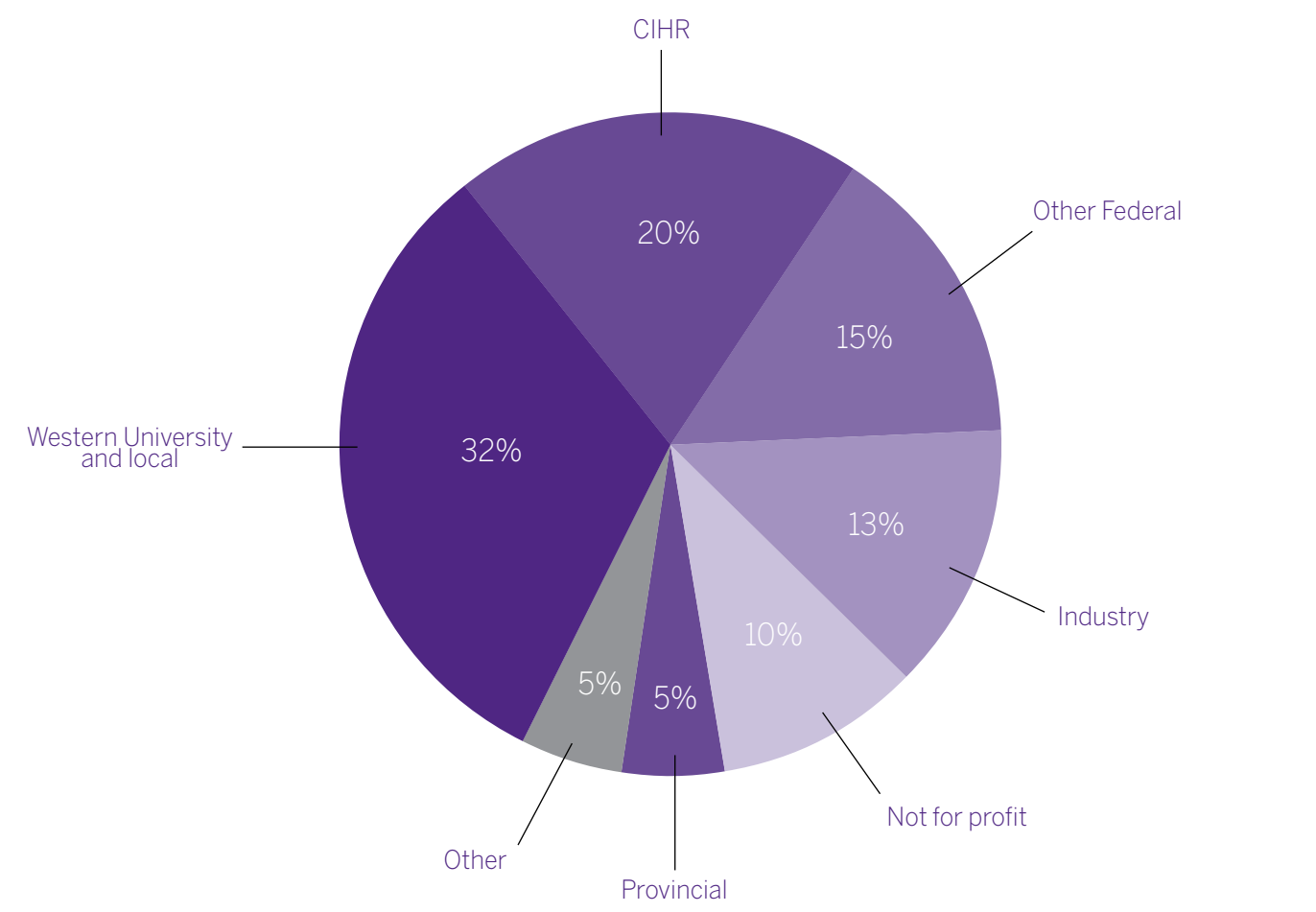
| Canada Research Chair                              | Current Chair Holder       | Tier |
|--|----------------------------|------|
| Chemical Biology                                   | Patrick O'Donoghue, PhD    | 2    |
| Cognitive Neuroscience and Neuroimaging            | Dr. Penny MacDonald        | 2    |
| Computational Neuroimaging                         | Ali Khan, PhD              | 2    |
| Diffusion Magnetic Resonance Imaging               | Corey Baron, PhD           | 2    |
| Genital Immunology and STI Prevention              | Jessica Prodger, PhD       | 2    |
| HIV Pathogenesis and Viral Control                 | Eric Arts, PhD             | 1    |
| Injury Prevention and Physical Activity for Health | Dr. Jane Thornton          | 2    |
| Lung Imaging to Transform Outcomes                 | Grace Parraga, PhD         | 1    |
| Molecular and Epigenetic Basis of Cancer           | Shun Cheng (Shawn) Li, PhD | 1    |
| Musculoskeletal Biology and Health                 | Matt Grol, PhD             | 2    |
| Musculoskeletal Research                           | Frank Beier, PhD           | 1    |
| Neurochemistry of Dementia                         | Marco Prado, PhD           | 1    |
| Public Health Economics                            | Shehzad Ali, PhD           | 2    |

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|--------------------------------------|------------------------|---|
| Public Mental Health Research        | Kelly Anderson, PhD    | 2 |
| Sensorimotor Neuroscience            | Andrew Pruszynski, PhD | 2 |
| Translational Cognitive Neuroscience | Lisa Saksida, PhD      | 1 |

## New Canada Research Chairs

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|---|-----------------------|---|
| Pathogen Genomics and Bioinformatics        | Jennifer Guthrie, PhD | 2 |
| Computational Approaches to Health Research | Pingzhao Hu, PhD      | 2 |
| Translational Neuropsychopharmacology       | Jibran Khokhar, PhD   | 2 |
| Primary Health Care and Health Equity       | Maria Mathews, PhD    | 1 |

# TYPE OF FUNDING FOR 2021-2022



**Total amount:** \$140 million  
\$4 million more in obtained funding than the previous year.



# AWARDS





# AWARDS

## INTERNAL AWARDS

| Awards of Excellence                      |  |
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| Dean's Awards of Excellence for Staff     |  |
| Junior Faculty Award - Basic Science      | Rithwik Ramachandran, PhD, Physiology and Pharmacology                                 |
| Individual Faculty Award - Research       | Ali Khan, PhD, Medical Biophysics<br>Christopher Pin, PhD, Physiology and Pharmacology |
| Individual Faculty Award - Multiple Areas | Dr. Lakshman Gunaratnam, Microbiology & Immunology                                     |
| Team Award                                | Microbiology and Infection Prevention and Control, Pathology and Laboratory Medicine   |
| Lifetime Achievement Award                | Jerry Battista, PhD, Medical Biophysics<br>Dr. Joseph Chin, Surgery                    |
| Schulich Awards of Excellence for Staff   |  |
| Continuous Excellence Team Award          | Clinical Skills Learning Program Team<br>Pathology and Laboratory Medicine Team        |
| Continuous Excellence Individual Award    | Lee-Ann Briere, Biochemistry<br>Michael Brock, Continuing Professional Development     |
| Innovation Award                          | Dave Creces, Information Services  |
| Inspirational Leadership Award            | Jennifer Devlin, Anatomy and Cell Biology and Medical Biophysics                       |
| Newcomer Award                            | Kimberly Catalano, Anatomy and Cell Biology<br>Jim McCormack, Psychiatry               |

### Schulich Awards of Excellence for Faculty

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| Schulich Award of Excellence for Faculty in Community/Distributed Sites | Dr. Yadwinder Dhillon, Medicine<br>Dr. James Grochowski, Medicine<br>Dr. Kristina Rice, Family Medicine<br>Dr. Philip Vandewalle, Family Medicine |
| Continuing Medical Education Educator Award                             | Dr. Varinder Dua, Psychiatry  |
| Continuing Dental Education Educator Award                              | Dr. Trevor Thang, Dentistry   |
| Schulich Faculty Development Award                                      | Dr. James Ross, Psychiatry  |
| Schulich Faculty Mentorship Award                                       | Dr. Bertha Garcia, Dentistry and Pathology and Laboratory Medicine  |

### Schulich Excellence in Education Awards for Graduate/Postgraduate

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| Distinguished Leader Award | Evelyn Vingilis, PhD, Family Medicine  |
| Schulich Educator Award    | Peter Stathopoulos, PhD, Physiology and Pharmacology<br>Dr. Frank Myslik, Medicine<br>Brian Corneil, PhD, Physiology and Pharmacology<br>Dr. Vadim Beletsky, Psychiatry<br>Katherine Willmore, PhD, Anatomy and Cell Biology |

### Schulich Excellence in Education Awards for Undergraduate Education

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| Schulich Educator Award | Dr. Aturan Shanmugalingam, Psychiatry<br>Dr. Michele Barbeau, Anatomy and Cell Biology<br>Abbas Samani, PhD, Medical Biophysics                        |
| Schulich Leader Award   | Fabiana Crowley, PhD, Physiology and Pharmacology<br>Dr. Alice Tsui, Medicine<br>Dr. Christina McCord, Pathology and Laboratory Medicine and Dentistry |



**Awards of Excellence – Windsor Campus**

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|---|---|
| Associate Dean's Award                                      | Christine Mackie<br>Dr. Deyzi Owens<br>Dr. Abdurrahim Elashaal      |
| Educator's Award  | Dr. Magbule Doko<br>Dr. Matthew Battiston<br>Dr. Nicole Hugel       |
| Learner Peer Award  | Andrew Nguyen<br>Angela Fan<br>Alex Levesque                        |
| Dr. Colin Nisbet Award for Excellence in Emergency Medicine | Julia Cirone  |
| Dr. Gordon Vail Resident Award in Emergency Medicine        | Dr. Maryam Zaree  |
| Windsor Family Medicine – Faculty of the Year Award         | Dr. Joseph Zakaria  |
| Windsor Sub Specialty Rotation – Faculty of the Year Award  | Dr. Takeshi Takahashi   |
| Post Graduate Award for Academic Leadership                 | Dr. Steven Brunet   |
| City of Windsor – Family Physician Award                    | Dr. Maryam Zaree  |
| City of Windsor – Psychiatry Physician Award                | Dr. Andrew Bridgen  |
| Windsor Psychiatry – Faculty of the Year Award              | Dr. Yousha Mizra  |
| <b>Alumni of Distinction Awards</b>                         |   |
| The Dr. Stephen Blizzard Trailblazer Award                  | Roberta Bondar, MSC'71, Resident Alumna, DSC'95                     |
| Professional Achievement Award Medicine                     | Dr. Franco Demonte, MD'85<br>Dr. Anthony M. Jevnikar, MSC'78, MD'81 |
| Alumni of Distinction – Dentistry                           | Dr. Marilyn MacLoghlin, DDS'70                                      |

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| Honorary Alumni of Distinction  | Dr. Bertha M. Garcia, Acting Vice Dean Director Dentistry                           |
| Community Service Award   | Dr. Samir K. Sinha, MD'02   |
| Young Alumni Award  | Dr. Gustavo Gusso, MCLSC'10   |
| Young Alumni – Dentistry  | Dr. Jonathan Mahn, DDS'07   |
| Young Alumni – Basic Science  | Anita Woods, PhD'07   |
| Excellence in Basic Science Research  | Matthew S. Miller, BMSC'07, PhD'12  |
| Dean's Distinguished Lecture  | Dr. Gillian Kernaghan, MD'82<br>Dr. Anthony Miniaci, MD'82<br>Dr. Dale Ziter, MD'82 |
| <b>Schulich Medicine &amp; Dentistry Internal Graduate Awards</b>                       |   |
| Collip Medal Award  | Dr. Denny Chin  |
| Cobban Student Award in Heart and Stroke Research                                       | Kevin Chung   |
| Drs. Madge and Charles Macklin Fellowship for Teaching and Research in Medical Sciences | John Chmiel   |
| Drs. Madge and Charles Macklin Fellowship for Publication in Medical Sciences           | Matthew Demmings  |
| Jonathan & Joshua Memorial Graduate Scholarship   | Neil Donison<br>Hayley Shanks<br>Esmin Unaran<br>Alice Zheng                        |
| Jonathan & Joshua Memorial Graduate Travel Scholarship (Masters or Doctoral)            | Matthew Jones   |
| Norman E. Nixon Marie Rämö Nixon Award  | Olivia Sehl   |
| Morris Kroll Award-not given out in the 2022 year (every other year)                    |   |



**Western University Awards**

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| Distinguished University Professor | Subrata Chakrabarti, PhD                                      |
| Faculty Scholar                    | Nathalie Berube, PhD<br>Jimmy Dikeakos, PhD<br>Dan Hardy, PhD |

**Western Teaching Awards**

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|---|---|
| Edward G. Pleva Award for Excellence in Teaching  | Sarah McLean, PhD   |
| The Vice-Provost (Academic Programs) Award for Excellence in Online Teaching and Learning | Brian Allman, PhD<br>Michele Barbeau, PhD<br>Tyler Beveridge, PhD<br>Charys Martin, PhD<br>Tim Wilson, PhD<br>David Creces<br>Haley Linklater |

**Western Award of Excellence**

Darren Pitre  
Jennifer Devlin

**25-Year Service Award**

Joanne Gibb  
Dr. Robert Hegele  
Kari Kilbreath  
Dale W. Laird, PhD  
Liz McInnis  
Dr. Georghios Nicolaou  
Timothy Scholl, PhD  
Joseph Torchia, PhD  
Dr. John Yoo

**External Awards**

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| 2022 Potamkin Prize              | Dr. Vladimir Hachinski                   |
| CAME Certificate of Merit Awards | Dr. Bertha Garcia<br>Dr. Patricia Valcke |

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| CAME Rising Star Certificate of Excellence | Max Stone<br>Dr. Beatrice Preti<br>Olivia Ghosh-Swaby |
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| Canadian Academy of Health Sciences Fellows | Frank Beier, PhD<br>Dr. Ruth Lanius<br>Kathy Nixon Speechley, PhD |
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| Canadian Medical Hall of Fame | Dr. Carol Herbert<br>Dr. Stephen Blizzard (posthumous) |
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| Canadian Society of Pharmacology & Therapeutics Distinguished Service and Education Award | Dr. Michael Rieder |
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| Colgate Award for Research Excellence | Dr. Noha Gomaa |
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| Fellow of Canadian Academy of Engineering | Hanif Ladak, PhD |
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| Gates Cambridge Scholarship | Dr. Benjamin Chin-Yee |
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**Global Undergraduate Awards**

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| Global winner | Leighton Schreyer |
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| Regional winner | Rory Gilliland |
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| Highly Commended | Steven Xiu<br>Victor Lam |
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| London Inc.'s 20 Under 40 Class of 2022 | Dr. Caitlin Symonette |
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| London's Twenty in Their 20s | Kenisha Arora |
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| Ontario Confederation of University Faculty Associations Award | Dr. Nicole Campbell |
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| Royal Society of Canada | Aaron Fenster, PhD |
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| The Order of Canada | Dr. William Clark |
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# SOCIAL ACCOUNTABILITY



## SOCIAL ACCOUNTABILITY

- > The newly opened Equity Diversity Inclusion and Decolonization (EDID) Office appointed Dr. Sukhveer (Sukhi) Bains as Acting Associate Dean. The office is responsible for providing leadership to help our Faculty embed equity, diversity, inclusion and decolonization principles in all that we do, and is part of Schulich Medicine & Dentistry's strategic plan commitment to belonging and social accountability.
- > The recently created Medical Science Community Outreach (MaSCot) program had a successful test launch. The "Get Connected" app was introduced in September 2022 with approximately 100 third and fourth-year Bachelor of Medical Sciences (BMSc) students signing up to be part of the program. The app assists with building partnerships between the School and community, benefiting future health-care leaders, who may not know the volunteer opportunities in the city, and meeting the volunteer needs of local organizations.
- > Dr. Kevin Pottie, the Ian McWhinney Chair of Family Medicine Studies, has co-authored a curriculum framework that he hopes will become part of the core competencies acquired by all future medical students. The curriculum includes developing new skills and greater insight into trauma in order to care for vulnerable newcomers, such as those seeking refugee status.
- > Feeling the burden to better understand COVID-19 and the devastating effect it is having on Black communities in Canada, Dr. Michelle Barton-Forbes partnered with colleagues on the seroMARK research study. The study aims to determine the prevalence of COVID-19 infection in Black Canadian communities, the level of immunity to COVID-19 within these communities, and the risk factors associated with both contracting the infection and having poor outcomes.
- > A new strategic partnership between Western University and the Joint Clinical Research Centre (JCRC) in Kampala, Uganda, is establishing a long-term commitment for research collaboration to address the world's most challenging global health issues. This partnership aims to provide a more global perspective to curriculums and provide experiential learning opportunities.



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