Undergraduate Medical Science (BMSUE) & Graduate & Postdoctoral Programs

Presented By:

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Vice-Dean, Basic Medical Sciences
Professor, Departments of Physiology & Pharmacology and Medicine

New Faculty Orientation
August 24, 2017

Vice-Dean, Basic Medical Sciences

A. Oversight of the Basic Medical Sciences Undergraduate Education Program (Assistant Dean, Candace Gibson) ~ 3000 students

B. Oversight of the Medical Science Postdoctoral & Graduate Programs, Clinical and Basic (Associate Dean, Andy Watson) ~ 750 trainees

C. Collaborative oversight of Faculty Affairs: primarily for the non-clinical, Basic Science faculty aligned with the School
   o Annual Probationary Reviews.
   o Dean’s Representative: APE & Arbitration
The Decanal Team

Dr. Douglas L. Jones
Vice Dean, Basic Medical Sciences

Dr. Candace Gibson
Assistant Dean, Basic Medical Science Undergraduate Education

Dr. Andrew J. Watson
Associate Dean, Graduate & Postdoctoral Studies

Undergraduate and Graduate & Postdoctoral Staff

Kathy Boon
BMSUE Coordinator

Joan Eastabrooks
BMSUE Manager

Janelle Cobban
Graduate Manager

(Plus Numerous programmatic faculty & staff)
Basic Medical Science Undergraduate Education

Everything you need to know about BMSUE and Neuroscience Programs

- websites
- communication to BMSc, Neuroscience and Med Sci 1 and 2 students
- eligibility and progression for BMSc, Neuroscience and Med Sci 2

Key Functions of the Office

Basic Medical Science Modules

- Biochemistry
- Biochemistry and Cell Biology
- Biochemistry of Infection and Immunity
- Biomedical Engineering (Interdisciplinary – being developed for 2018)
- Chemical Biology
- Computational Biochemistry
- Epidemiology & Biostatistics
- Interdisciplinary Medical Sciences
- Medical Biophysics (Medical Sciences concentration)
- Medical Biophysics (Clinical Physics concentration)
- Medical Biophysics and Biochemistry
- Medical Cell Biology
- Medical Health Informatics
- Microbiology & Immunology
- Microbiology & Immunology with Pathology
- Neuroscience (Interdisciplinary)
- Pathology
- Pharmacology
- Physiology
- Physiology & Pharmacology
Interdisciplinary Medical Science Courses
- Medical Science 3999 (Drs. Sarah MacLean & Nicole Campbell)
- Medical Sciences 4100 (Not offered this year)
- Medical Sciences 4200 (Drs. Sarah MacLean & Nicole Campbell)
- Medical Sciences 4900 (Dr. Michelle Belton)
- Medical Science 4930 (Multiple participants)

Key Functions of the Office

Year 2016/17 BMSc enrolment numbers
We’re one of the largest groups in Schulich!

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<tbody>
<tr>
<td>Medical Sciences 1</td>
<td>832</td>
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<tr>
<td>Medical Sciences 2</td>
<td>552</td>
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<tr>
<td>BMSc Year 3</td>
<td>471</td>
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<tr>
<td>BMSc Year 4</td>
<td>424</td>
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<tr>
<td>Combined HBA/BMSc</td>
<td>35</td>
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<td>TOTAL</td>
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Plus additional students taking our courses and/or a BSc with the Faculty of Science
Where do our graduates go?

CAREER SURVEY – BMSc STUDENTS 2007-2017

- Volunteer, travel, working: 18%
- Medicine: 28%
- Dentistry: 4%
- Graduate Studies: 33%
- Other Professional Programs - Optometry, Pharmacy, ...: 12%
- Special Student: 5%

More information

Websites:
- www.schulich.uwo.ca/bmsc
- www.schulich.uwo.ca/neuroscience/undergraduate/index.html
Key Functions of the Office

1. Provide an interface between Schulich programs and SGPS (The School of Graduate and Postdoctoral Studies)
2. Work with Schulich graduate programs on common areas of interest
3. New program submissions
4. Recruitment
5. Communications & Marketing of Grad Students & Postdocs
6. Scholarships & Awards
7. Database and online tools development
8. Postdoctoral Scholar Admissions and Appointments
9. Graduate Student/Postdoc mentorship
10. Career Pathways workshops
Key Functions of the Office

11. Faculty, graduate student, Postdoc mentorship workshops
12. Conflict/dispute resolution
13. Graduate student / Postdoctoral Scholar wellness assistance
14. Facilitate Graduate Student and Postdoctoral Scholar social events
14. Coordinate graduate/postdoctoral affairs in all Canadian medical schools via association of facilities of medicine Canada (AFMC)

Graduate Programs (17+)

- Anatomy & Cell Biology (Stand alone and Clinical Anatomy)
- Biochemistry
- Biomedical Engineering (Interdisciplinary)
- Developmental Biology (Collaborative)
- Epidemiology & Biostatistics
- Family Medicine
- Interfaculty Program in Public Health (MPH)
- Musculoskeletal Health (Collaborative)
- Medical Biophysics (Stand alone and CAMPEP)
- Microbiology & Immunology (Accelerated Masters and Thesis based)
- Molecular Imaging (Collaborative)
- Neuroscience (Interdisciplinary)
- Oral and Maxillofacial Surgery
- Orthodontics
- Pathology and Laboratory Medicine (Stand alone and Pathologists Assistants)
- Physiology & Pharmacology
- Surgery

410 MSc students; 225 PhD students; 635 total (2016-17)

DDS/MSc, DDS/PhD or MD/PhD
**Postdoctoral Scholars**

- 108 in Schulich School of Medicine & Dentistry
- Represent > 25% of University’s total number
- Helped lead the University’s centralized admissions and renewal process for Western Postdocs by participating in SGPS task force
- New databases allow us to link Postdocs to specific labs for the first time
- Have introduced one on one career development mentoring for postdocs over 5 years from PhD

**More Information**

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