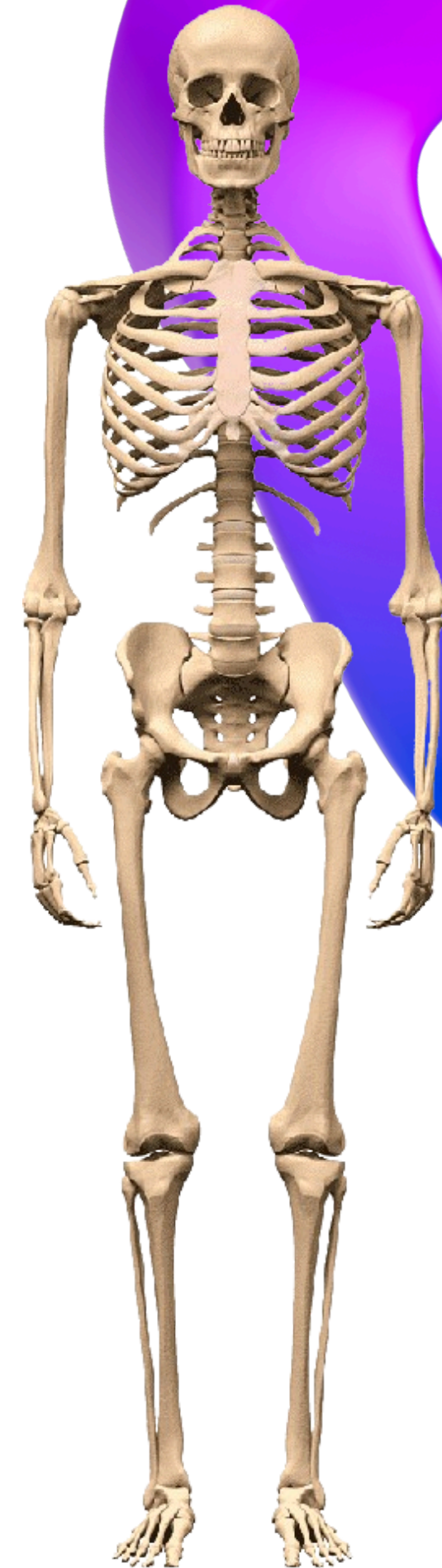


FROM CLASSROOM TO CAREER:

Observing Key Skills Developed in
the Clinical Anatomy Program and
their Professional Outcomes

Presented by Joint Effort



Our Supervisor!



Dr. Michele Barbeau

Assistant Professor

Dept. of Anatomy and Cell Biology

Undergraduate

Biology
Kinesiology
MedSci

Graduate

Physiotherapy
Clinical Anatomy*

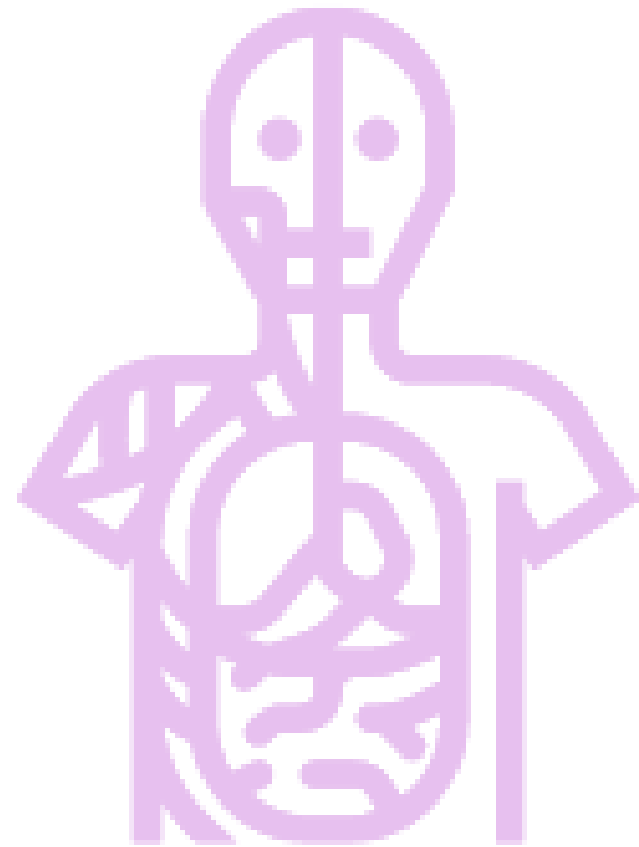
Professional

Medicine
Dentistry

Interests

- Teaching labs
- Clinically related anatomical research

The Clinical Anatomy Program



Clinical
Anatomy

**Extensive Anatomical
Education**

Course-based program

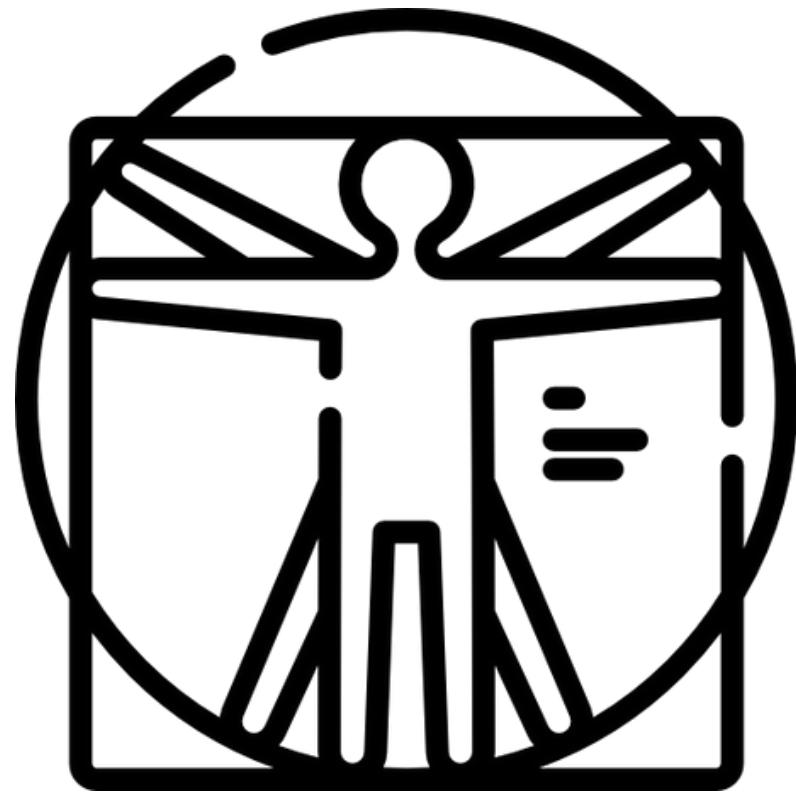
Regular dissection labs

**Plentiful Teaching
Opportunities**

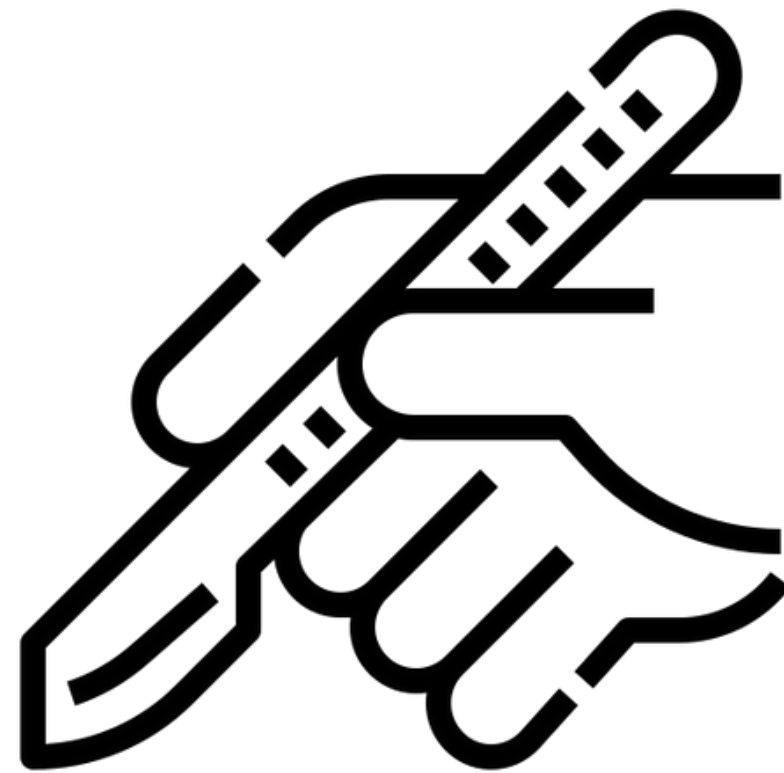
Peer presentations

**Teaching undergraduate &
professional students**

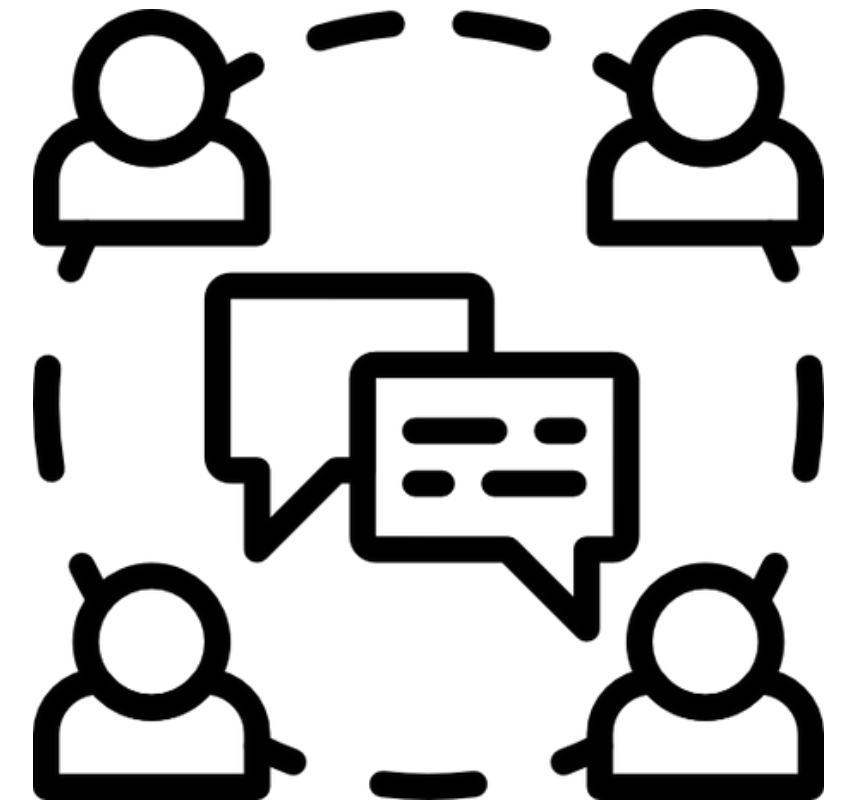
Key Observations



**Gross Anatomical
Knowledge**



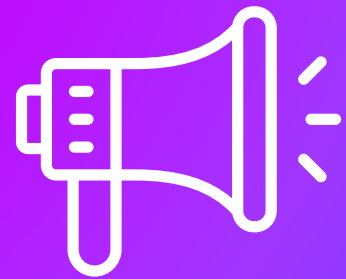
**Manual Dexterity
Skills**



**Ability to Communicate
Science**

Deliverable Process

01









Deliverable Process Overview

General Admin:

- Getting organized
- Streamlining the process

General Admin

- Setting up meeting times
 - Compiling meeting minutes
- Distributing work
- Investigating how to compile necessary information
- Deciding what platform to use for the database
- Becoming familiar with Qualtrics

Name	↓
	Survey
	Shadowing
	Presentation
	Meeting Minutes
	Interviews
	Ethics

Meeting # :

Attendees:	
Absentees:	
Date & Time:	
Virtual/In-Person:	

Agenda:

Notes:

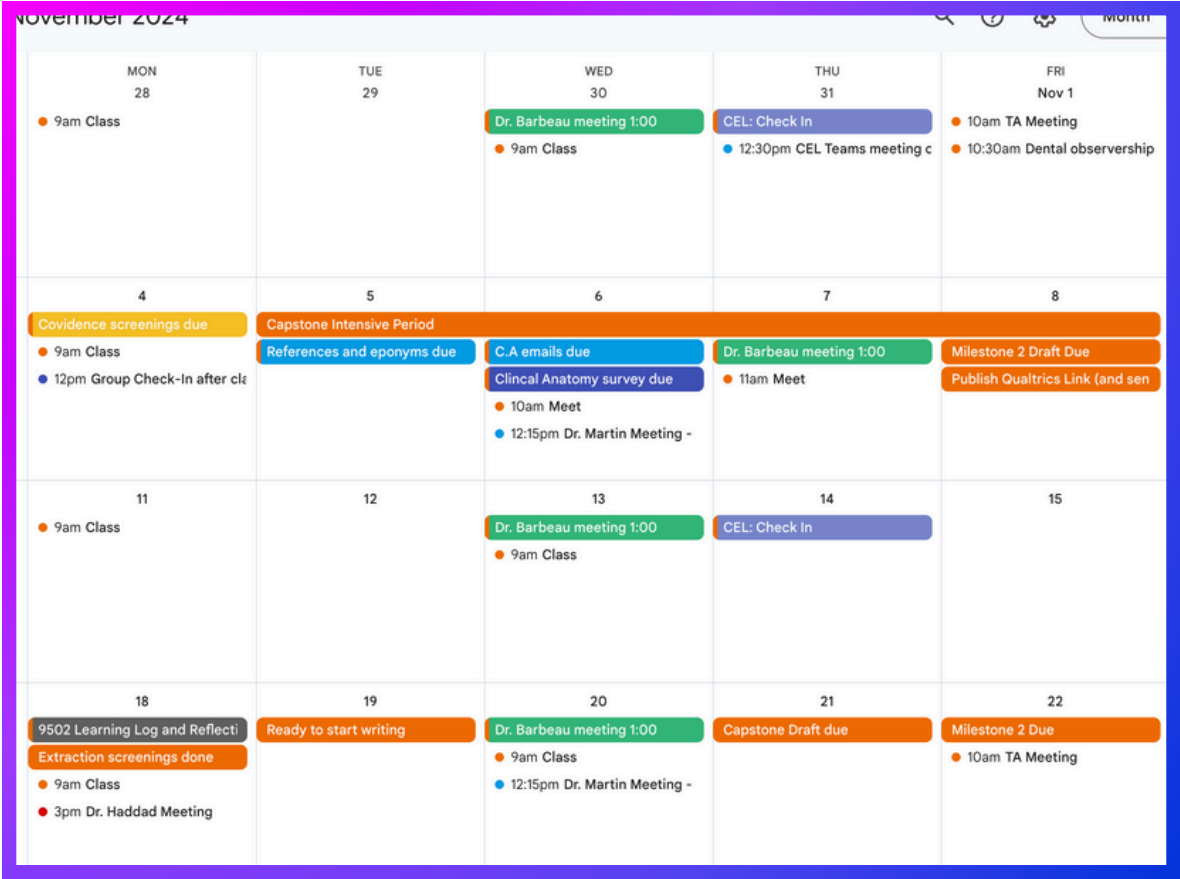
Disclaimers:

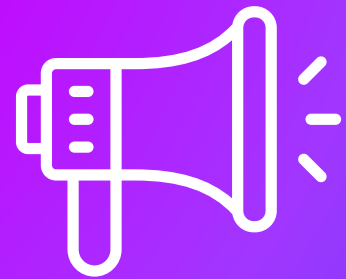
Deadline(s):

Next Steps:

Action Items:

Rishika Sharma	
Sara Izadi	
Vivian Huth	





Deliverable Process Overview

01

General Admin:

- Getting organized
- Streamlining the process

02

Database:

- Tracking alumni
- Compiling contact information

Deliverable Outcome One:

Database:

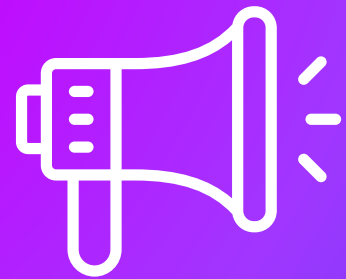
- Shared document that keeps track of Clinical Anatomy Alumni
- Created on excel
- Collection of names, emails, student numbers, and class year from 2007-2023

Key Tools:

- Clinical Anatomy graduate records
- LinkedIn, Western University Email Database



	A	B	C	D	E	F	G
1	First Name	Last Name	LinkedIn	Emails	Occupation	Student Number	Date Completed
2	Jane	Doe	Not on Linked In	jdoe@email.ca			2000
3	John	Doe	Not on Linked In	No UWO Email	Professor	123456789	2001
4							
5							
6							



Deliverable Process Overview

01

General Admin:

- Getting organized
- Streamlining the process

02

Database:

- Tracking alumni
- Compiling contact information

03

Observerships:

- Becoming familiar with the Clinical Anatomy Program
- Assessing developed skills

Attending Observerships:

Steps involved in the process:

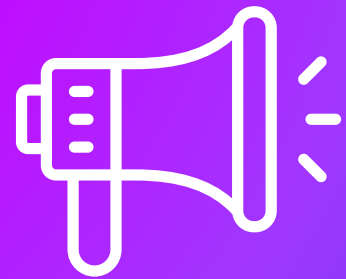
- Arranging observership times
- Become familiar with cadaver lab environment
- Deciding what skills to look for when observing

Overarching Purpose:

- Apply observations to the survey



(DeSales University, 2018)



Deliverable Process Overview

01

General Admin:

- Getting organized
- Streamlining the process

02

Database:

- Tracking alumni
- Compiling contact information

03

Observerships:

- Becoming familiar with the Clinical Anatomy Program
- Assessing developed skills

04

Survey:

- Applying observations
- Developing appropriate questions for understanding alumni's experiences

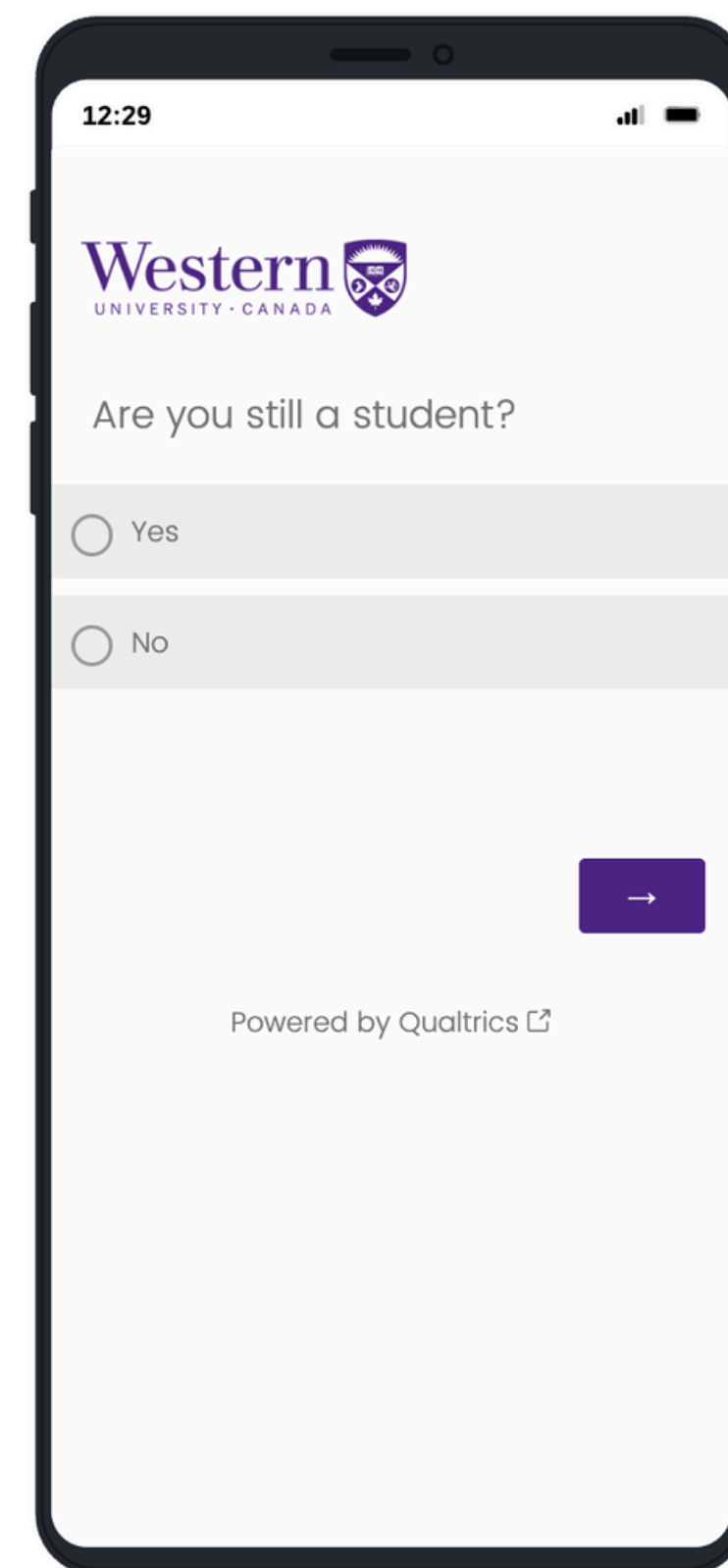
Deliverable Outcome Two:

Survey:

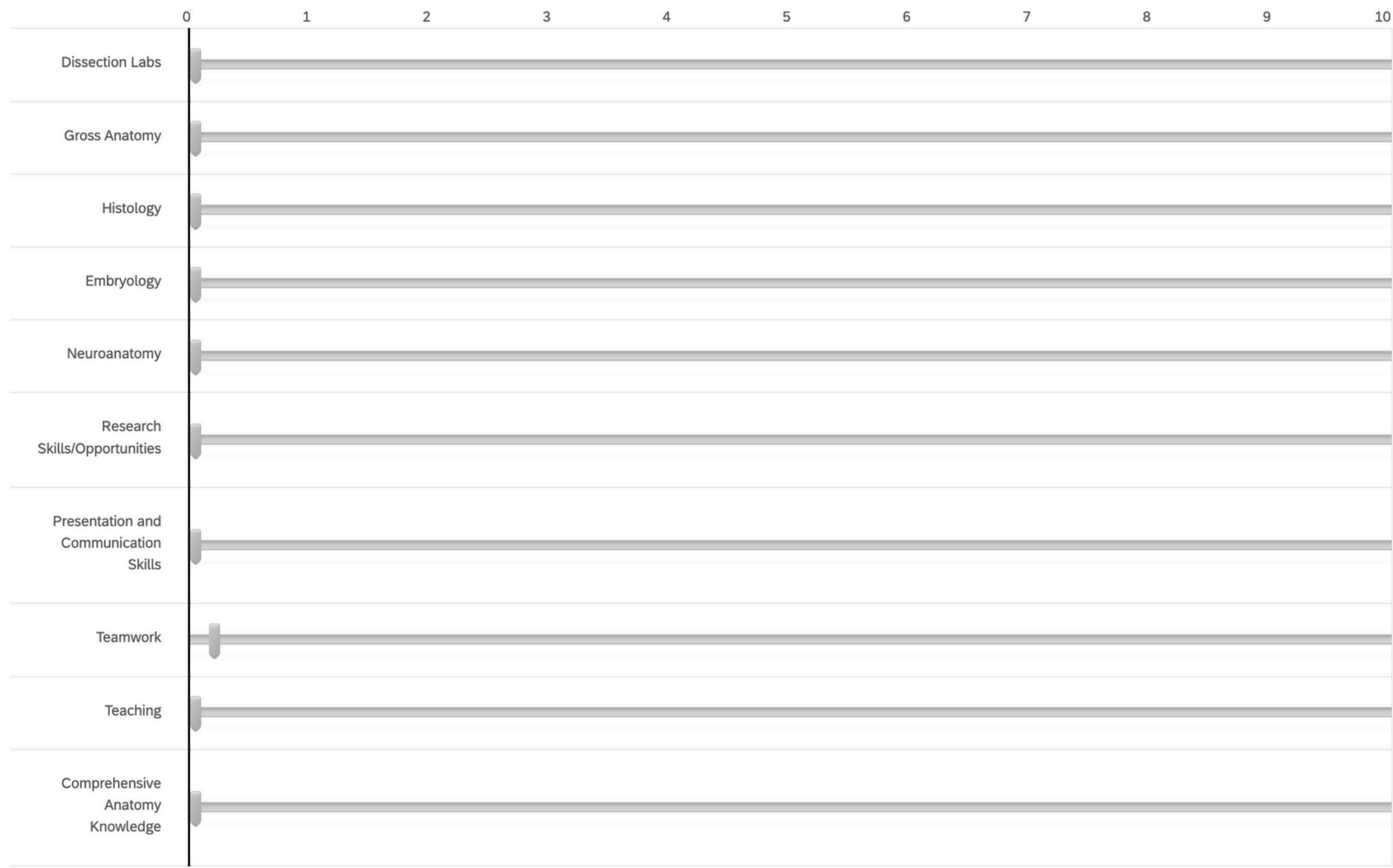
- Clinical Anatomy Feedback Survey
- Created on Qualtrics
- Questions collect key information such as:
 - alumnus' current profession
 - alumnus' perspectives on valuable skills
- Variety of question types
 - multiple choice
 - scale
 - drop down menu

Key Tools:

- Information acquired from observerships
- Qualtrics



Key components of the program are presented for you below. Please use the slider to indicate the value (to you) of each skill gained from the program (0 = Not Applicable, 1 = Not Valuable, 10 = Highly valuable).



What is your current employment sector? Please specify subspecialties or level of employment in the text boxes below.

☐ Academia (Post-Secondary)

☐ Medicine

☐ Dentistry

☐ Physiotherapy

☐ Occupational Therapy

☐ Optometry

☐ Paramedic

☐ Education (K-12)

☐ Industry

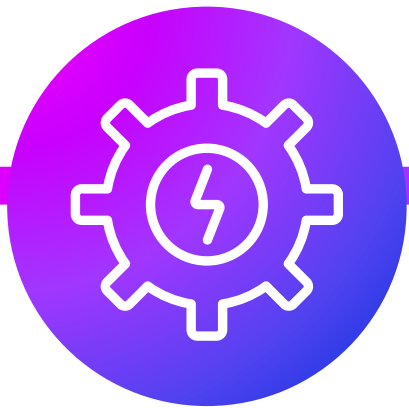
☐ Veterinary Medicine

☐ Chiropractic Medicine

☐ Other

Transformation into Qualitative Research

The Process



Protocol

- Outlined a structured plan
- Reference for ethics application
- Clear framework for study objectives
- Methodology sections essential for REPRODUCIBILITY



Protocol Editing

- Refine research plans
- objectives are well-defined
- minimizing risks of misinterpretation
- enhances the scientific integrity of the work



WREM Application

- Study complies with ethical principles and regulatory guidelines
- Minimize harm and protect privacy
- Commitment to transparency, respect for subjects, autonomy and consent



Publication

- Preparing a manuscript that outlines research findings
- Submission to a peer reviewed journal
- Dissemination of results

The Protocol

Objective



Primary Objective

To evaluate the long-term impact of the Master of Clinical Anatomy (MCA) program on alumni's professional development and career trajectories. The study aims to assess how the knowledge, skills, and experiences acquired during the program have influenced alumni's career paths, job satisfaction, and professional achievements



Study Design

This study employs a qualitative, single-center research design conducted at the Schulich School of Medicine & Dentistry. The design is structured into two complementary components:

Anonymous Online Surveys

Follow-Up Interviews

Data Management and Integration

**Online Consent
Form**



```
graph LR; A[Anonymous Online Surveys] --- C[Online Consent Form]; B[Follow-Up Interviews] --- C;
```



Study Limitations

Survey Response Bias

Limited Generalizability

Recruitment Challenges

WREM



Ethical Considerations

Respect for Persons

Justice

Responsibility

Beneficence

Non-Maleficence

Integrity

This study has been designed to adhere to ethical standards for research involving human participants. All procedures prioritize participant autonomy, confidentiality, and the right to withdraw at any stage.

1. Participation in the survey implies informed consent due to its anonymous nature. The survey's introduction will clearly outline the study's purpose, the voluntary nature of participation, and how responses will be used.
2. Explicit consent will be obtained for follow-up interviews. Participants who agree to be interviewed will complete a separate consent form via Qualtrics.
3. Anonymity will be strictly maintained for survey responses, as no identifiable information will be collected or stored.

WREM

NavigationDocumentsSignaturesCollaboratorsSubmissionsCorrespondenceCentreHistory

HSREB Initial Application

Section

Section 1 - General Information

Section 2 - Study Description

Section 3 - Clinical Trials Information

Section 11 - Risks, Benefits and Safety

Section 12 - Recruitment and Consent

Section 13 - Confidentiality and Data Security

Section 14 - Funding

Section 15 - Translations

Section 16 - Conflict of Interest (actual, apparent, perceived, or potential)

Section 19 - Confirmation of Responsibility

Questions

1.1 - 1.24

2.1 - 2.34

3.1 - 3.19

11.1 - 11.11

12.1 - 12.22

13.1 - 13.27

14.1 - 14.10

15.1 - 15.4

16.1 - 16.8

19.1-19.2

☐ Show Inactive Sections

THANK YOU