2021 Winter CAPS 430 - Advanced Laboratory in Physiology Course Schedule

Course Coordinator

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Teaching Assistants

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TERM 1

All classes 10am-4pm in the Biological Sciences Building 3027, 3029 teaching labs [unless otherwise advised]

Sept 17

- 9:30 AM Welcome and course outline to CAPS 430 (Allan, Hull, Miao)
- 10:00 AM - 12:00 PM EDI workshop (Miled, Campol)
- 1:00 – 2:00 PM Q+A about the lab series. (Allan, Hull, Miao)

Sept 24  Bioinformatics (Allan, Loewen, TA: Miao)

Oct 1  R workshop series 1 (Cembrowski, TA: Sullivan)

Oct 8  R workshop series 2 (Cembrowski, TA: Sullivan)

Oct 15 R workshop series 3 (Cembrowski, TA: Sullivan)

Oct 22  Gross anatomy lab: GI Tract and Renal. Meet at LSI Reception. (Vogl, TA: Werschler)

Oct 29  pH Lab 1 (Loewen, Young, TA: Indran)

Nov 12  MIDTERM BREAK

Nov 19  pH Lab 2: Gene Array analysis (Loewen, Young, TA: Indran)

Nov 26  Human Cardiovascular Physiology (Hull, TA: Overby)

Dec 3  Scientific Process (Allan, TA: Miao)

**TERM 2**

**All classes in BioSci Teaching Lab unless otherwise stated - (10am-4pm)**

Jan 14  Gross anatomy lab: Nervous system. Meet at LSI Reception. (Vogl, TA: Werschler)

Jan 21  Neuroscience 1  (Mason, Hull)

Jan 28  Neuroscience 2. Group A (Mason, Hull).

          Calcium imaging 1.Group B  (Luciani, TA: Pasula)

Feb 4  Neuroscience 2.Group B (Mason, Hull)
Calcium imaging

Feb 11  Neuroscience 3. Group A (Mason, Hull)
          Group B Lab TBD (TBD)

Feb 18  Neuroscience 3. Group B (Mason, Hull)
          Group A Lab TBD (TBD)

Feb 25  MIDTERM BREAK

Mar 4   Gross anatomy lab: Endocrine system. Meet at LSI Reception. (Vogl, TA: Werschler)

Mar 11  Glucose Tolerance (Hull, TA: Overby)

Mar 18  Lipid Metabolism (Rideout, TA: Biswas)

Mar 25  Scientific controversies 1, Debate prep (Weidberg)

Apr 1   Scientific controversies 2, Debate (Weidberg)