

UNIVERSITY OF CALGARY
FACULTY OF ARTS
DEPARTMENT OF HISTORY

COURSE OUTLINE – FALL 2018

COURSE: HTST 493.38 *History of Medicine and Health Care*
LEC 03 and LEC 04

TIME & LOCATION: Monday 12.30-13.20, HSC 1405A (Foothills Campus)
Thursday 17.30-19.20, HSC G500 (Foothills Campus)
(small-group sessions TRW 3E48 Nightingale Room, Foothills Campus)

INSTRUCTOR: Dr. Lesley Bolton

OFFICE: SS 502 (Main Campus) and TRW 3E41 (Foothills Campus)

OFFICE HOURS: Monday 14.00-15.00 (TRW 3E41), Wednesday 14.00-15.00 and
Friday 11.00-12.00 (SS 502), or by appointment.

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ADMINISTRATIVE COURSE CO-ORDINATOR: Donna Weich
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HISTORY OF MEDICINE WEBSITE: <http://hom.ucalgary.ca/>

REQUIRED TEXT

Roy Porter, *The Greatest Benefit to Mankind: A Medical History of Humanity* (New York: W. W. Norton and Company, 1999) ISBN 978-0-393-31980-4

OPTIONAL TEXT

William Bynum, *The History of Medicine: A Very Short Introduction* (Oxford: OUP, 2008) ISBN 978-0-19-921543-0

WEB-BASED MATERIAL

This course makes use of Desire2Learn (<http://d2l.ucalgary.ca>) and the History of Medicine and Health Care Program website (<http://hom.ucalgary.ca/>).

COURSE DESCRIPTION

A survey of the history of medicine and health care, particularly in Western societies (Europe and North America), from antiquity to the present, using a combination of chronological and thematic approaches. It will address the great names of the past—the likes of Hippocrates, Galen and Harvey—and great medical discoveries, but it will also consider the changing ways in which the body, health, disease and the roles of healer and patient have been conceptualized, and how (if at all) those concepts have influenced the development of modern medicine. It will also explore

how past societies faced difficult medical challenges such as pandemics, and reflect on whether we can learn anything from them as we face new challenges.

COURSE REQUIREMENTS

Assessment	Date	Weight
Active Participation	Throughout the course	30%
Oral Presentation in class (15 minutes), "Heroes, Rogues, and Charlatans"	Monday November 5, or Thursday November 8	25%
Annotated Bibliography on research topic, ~7 pages including bibliographical references and critical assessment of the literature	December 6, before 4.00 p.m.	45%

DESIRE 2 LEARN (D2L) HELP

Go to <http://elearn.ucalgary.ca/desire2learn/home/students> for Student Help and FAQ's about D2L. Troubleshooting tips and a tutorial are also available on this website.

POLICY WITH REGARD TO MISSED ASSIGNMENTS/ASSESSMENTS

Consult with the instructor as soon as possible after the missed assignment/assessment.

ELECTRONIC DEVICE POLICY

Respectful use of devices in class.

REGISTRATION

The last day to drop this course with a refund of fees is Thursday September 13.

Last day to register, add courses or change registration is Friday September 14.

The last day to withdraw from this course with no refund of fees is Friday December 7.

NOTE TO MD PROGRAM STUDENTS

There are no additional costs for taking this course, but you are required to register by Friday September 14 (the first class meeting is September 6). It is understood that there will be classes you cannot attend because of exams or special sessions.

COURSE TIMETABLE

This timetable may be subject to slight alteration depending on the availability of guest lecturers. You will be informed in advance of any changes.

Required readings from the course textbook, *The Greatest Benefit to Mankind: A Medical History of Humanity*, are referred to as **Porter**.

The additional readings listed are highly recommended; they will enable you to contribute more to class discussions. I will provide copies where books are not readily available in our libraries.

Thursday September 6: 'Irrational' Medicine

- ◆ **Porter 44-55.**
- ◆ James Longrigg, *Greek Medicine from the Heroic to the Hellenistic Age: A Source Book* (New York: Routledge 1998), 5-17.
- ◆ Have a look at the *Edwin Smith Surgical Papyrus*, <https://ceb.nlm.nih.gov/proj/ttp/books.htm> (online).
- ◆ Ilan Kutz, "Job and his "doctors": bedside wisdom in the book of Job," *BMJ* 321 (2000): 1613-1615 (online).

Monday September 10: Course Introduction

- ◆ **Porter 3-43, 710-718.**
- ◆ Jane McNaughton, "The Humanities in Medical Education: Context, Outcomes and Structures," *Journal of Medical Ethics: Medical Humanities* 26 (2000): 23-30 (online).
- ◆ Mirko Grmek, "Introduction," in *Western Medical Thought from Antiquity to the Middle Ages*, ed. Mirko Grmek, coordinated by Bernardino Fantini, tr. Antony Shugaar (Cambridge, MA and London: Harvard University Press, 1998), 1-21.
- ◆ Gert Brieger, "The Historiography of Medicine," in *Companion Encyclopedia of the History of Medicine*, eds. W. F. Bynum and Roy Porter (London and New York: Routledge, 1996), 24-44.

Thursday September 13: Ancient Medicine, Hippocrates to Galen

- ◆ **Porter 55-82.**
- ◆ Galen, "The Hand"; Hippocrates, "The Nature of Man" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 17-22 and 43-47.
- ◆ Vivian Nutton, "Humoralism," in *Companion Encyclopedia of the History of Medicine*, eds. W. F. Bynum and Roy Porter (London and New York: Routledge, 1996), 281-291.
- ◆ James Longrigg, "Anatomy in Alexandria in the Third Century B.C.," *The British Journal for the History of Science* 21 (1988): 455-488 (online).

Monday September 17: How to Choose, Refine, and Present your Topic

- ◆ Jacalyn Duffin, *History of Medicine: A Scandalously Short Introduction*, 2nd edition (Toronto: University of Toronto Press, 2010), 428-447.
- ◆ Have a look at some previous presentation topics in Lisa Petermann, Kelsey Lucyck and Frank W. Stahnisch (edd.), *The Proceedings of the 19th Annual History of Medicine Days Conference 2010: The University of Calgary Faculty of Medicine, Alberta, Canada* (Newcastle upon Tyne: Cambridge Scholars Publishing, 2013) (online).
- ◆ Also, check out topics from previous History of Medicine Days Conferences at History of Medicine and Health Care Program website, <http://hom.ucalgary.ca/>.

Thursday September 20: Library Introduction

No assigned readings

Monday September 24: Late Antiquity, Christian and Islamic Medicines

- ◆ **Porter 83-105.**
- ◆ Max Meyerhof, "Thirty-Three Clinical Observations by Rhazes (circa AD 900), *Isis* 23 (1935): 321-356 (online).
- ◆ Peregrine Horden, "The Earliest Hospitals in Byzantium, Western Europe, and Islam," *The Journal of Interdisciplinary History* 35 (2005): 361-389 (online).
- ◆ Owsei Temkin, *Hippocrates in a World of Pagans and Christians* (Baltimore and London: Johns Hopkins University Press, 1991), 241-248.

Thursday September 27: The Ethical Doctor, Hippocratic Oath and Beyond

- ◆ Hippocrates, "The Hippocratic Oath"; Asaf Judaeus, "Admonition"; Arnald of Villanova, "On the Precautions that Physicians Must Observe"; Benjamin Rush, "The Vices and Virtues of Physicians," in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 267-273 and 278-281.
- ◆ Heinrich von Staden, "'In a pure and holy way': Personal and professional conduct in the Hippocratic Oath?," *Journal of the History of Medicine and Allied Sciences* 51 (1996): 404-437
- ◆ Ivan Waddington, "The Development of Medical Ethics: A Sociological Analysis," *Medical History* 19 (1975): 36-51 (online).
- ◆ Paul Weindling, "The origins of informed consent: The International Scientific Commission of Medical War Crimes and the Nuremberg Code," *Bulletin of the History of Medicine* 75 (2001): 37-71 (online).

Monday October 1: Mediaeval West

- ◆ **Porter 106-134.**
- ◆ Hildegard de Bingen, extracts in *Medieval Medicine: A Reader*, ed. Faith Wallis (Toronto: University of Toronto Press, 2010), 357-360.
- ◆ S.R. Ell, "Concepts of disease and the physician in the early Middle Ages," *Janus* 65 (1978): 153-165.
- ◆ Faith Wallis, "Signs and Senses: Diagnosis and Prognosis in Early Medieval Pulse and Urine Texts," *Social History of Medicine* 13 (2000): 265-278 (online).

Thursday October 4: Plagues and Epidemics

- ◆ **Porter 397-427, 462-492.**
- ◆ James Longrigg, *Greek Medicine from the Heroic to the Hellenistic Age: A Source Book* (New York: Routledge 1998), 123-135.
- ◆ Rosemary Horrox ed. and tr., *The Black Death* (Manchester: Manchester University Press, 1997), selected readings.
- ◆ Jordan of Turre, "The Symptoms of Lepers"; Ulrich Von Hutten, "Of the Beginning of the French Pox, and the Several Names by Which It has Been Called"; Paul Monette, "Borrowed Time: An AIDS Memoir" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 209-216 and 426-433.

Monday October 8: Thanksgiving, no class

Thursday October 11: Renaissance, Vesalius and Anatomy, Harvey and Blood Circulation

- ◆ **Porter 163-216.**
- ◆ Andreas Vesalius, "The Fabric of the Human Body"; William Harvey, "An Anatomical Study on the Motion of the Heart and the Blood in Animals" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 54-60 and 68-75.
- ◆ Nancy Siraisi, "Anatomizing the Past: Physicians and History in Renaissance Culture," *Renaissance Quarterly* 53 (2000): 1-30 (online).
- ◆ Stanley G. Schulz, "William Harvey and the Circulation of the Blood: The Birth of a Scientific Revolution and Modern Physiology," *News in Physiological Science* 17 (2002): 175-180 (online).

Monday October 15: From New Science to Eighteenth Century Enlightenment

- ◆ **Porter 217-303.**
- ◆ Paracelsus (extracts); Smallpox (extracts) in *Health, disease and society in Europe 1500-1800: a source book*, edd. Peter Elmer and Ole Peter Grell (Manchester and New York: Manchester University Press, 2004), 91-98 and 296-303.
- ◆ Robert D. Thornton, "The University of Edinburgh and the Scottish Enlightenment," *Texas Studies in Literature and Language* 10 (1968): 415-422 (online).
- ◆ Andrew Wear, "The History of Personal Hygiene," in *Companion Encyclopedia of the History of Medicine*, eds. W. F. Bynum and Roy Porter (London and New York: Routledge, 1996), 1283-1308.

Thursday October 18: Scientific Medicine and the Nineteenth Century

- ◆ **Porter 304-396.**
- ◆ Claude Bernard, "An Introduction to the Study of Experimental Medicine" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 314-319.
- ◆ Hilary Marland, "The Changing Role of the Hospital, 1800-1900," in *Medicine Transformed: Health, Disease and Society in Europe 1800-1930*, ed. Deborah Brunton (Manchester and New York: Manchester University Press, 2004), 31-60.
- ◆ Michael Warboys, "Practice and the Science of Medicine in the Nineteenth Century," *Isis* 102 (2011): 109-115 (online).

Monday October 22 (no MD students): Histories of Anatomy, Physiology and Pathology I

- ◆ James Longrigg, *Greek Medicine from the Heroic to the Hellenistic Age: A Source Book* (New York: Routledge 1998), 107-122, 168-177.
- ◆ Baldasar Heseler, "Andreas Vesalius' First Public Anatomy at Bologna, 1540: An Eyewitness Report" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 61-65.

- ◆ Frank W. Stahnisch, *Medicine, Life and Function: Experimental Strategies and Medical Modernity at the Intersection of Pathology and Physiology* (Bochum, Freiburg: Projektverlag, 2012), 37-80.

Thursday October 25 (no MD students) small-group session: Histories of Anatomy, Physiology and Pathology II

- ◆ Discussion topics will be distributed before the class

Monday October 29: History of Paediatrics since the Early Modern Period

- ◆ Owsei Temkin tr., *Soranus' Gynecology* (Baltimore: Johns Hopkins Press, 1956), selected readings (with companion readings from Mustio's *Gynaecia*).
- ◆ Jacalyn Duffin, *History of Medicine: A Scandalously Short Introduction*, 2nd edition (Toronto: University of Toronto Press, 2010), 341-374.
- ◆ Stuart Meryn, "Ideology and Experience: Public Health Nursing and the Ontario Rural Child Welfare Project, 1920-1925," *Canadian Bulletin of Medical History* 6 (1989): 113-131 (online).

Thursday November 1: Obstetrics and Gynaecology, Antiquity to Mediaeval times

- ◆ Owsei Temkin tr., *Soranus' Gynecology* (Baltimore: Johns Hopkins Press, 1956), selected readings (with companion readings from Mustio's *Gynaecia*).
- ◆ Helen King, *Hippocrates' Woman: Reading the Female Body in Ancient Greece* (London and New York: Routledge, 1998), 21-39.
- ◆ Monica Green, "Women's Medical Practice and Health Care in Medieval Europe," *Signs* 14 (1989): 434-473 (online).

Monday November 5: "Heroes, Rogues, and Charlatans" student presentations I

No assigned readings

Thursday November 8: "Heroes, Rogues, and Charlatans" student presentations II

No assigned readings

Monday November 12: Reading Week, no class

Thursday November 15: Reading Week, no class

Monday November 19: Women's Health

- ◆ Edward Hammond Clarke, "Sex in Education; or, A Fair Chance for Girls"; Mary Putnam Jacobi, "Do Women Require Mental and Bodily Rest During Menstruation?"; Ignaz Semmelweis, "The Etiology, Concept, and Prophylaxis of Childbed Fever" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 92-102 and 240-246.
- ◆ Whitney Wood, "'The Luxurious Daughters of Artificial Life': Female 'Delicacy' and Pain in Late-Victorian Advice Literature," *Canadian Bulletin of Medical History* 31 (2014), 71-92 (online).
- ◆ Brian Burtch, *Trials of Labour: The Re-emergence of Midwifery* (Montreal and Kingston: McGill-Queen's University Press, 1994), 190-226 (online).

Thursday November 22: Therapeutics, Pharmacology and Pharmaceuticals

- ◆ Lily Beck tr., *Dioscorides, de materia Medica* (Hildesheim, Zürich and New York: Olms-Weidman, 2005), selected readings.
- ◆ Helen King, *Hippocrates' Woman: Reading the Female Body in Ancient Greece* (London and New York: Routledge, 1998), 132-156.
- ◆ Thor Arnason, Richard J. Hebda and Timothy Johns, "Use of plants for food and medicine by Native Peoples of eastern Canada," *Canadian Journal of Botany* 59 (1981): 2189-2325 (online); note, it is not as huge a read as it looks – there are lengthy tables included.
- ◆ Abraham Lilienfeld, "Ceteris Paribus: The Evolution of the Clinical Trial," *Bulletin of the History of Medicine* 56 (1982): 1-18 (online).

Monday November 26 Pasteur to Penicillin

- ◆ **Porter 428-461.**
- ◆ Louis Pasteur, "On the Extension of the Germ Theory to the Etiology of Certain Common Diseases"; Robert Koch, "The Aetiology of Tuberculosis" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 253-257 and 319-329.
- ◆ Deborah Brunton ed. *Health, disease and society in Europe 1800-1930: A source book* (Manchester: Manchester University Press, 2004), 182-188.
- ◆ Miles Weatherall, "Drug Therapies," in *Companion Encyclopedia of the History of Medicine*, eds. W. F. Bynum and Roy Porter (London and New York: Routledge, 1996), 915-938.

Thursday November 29: History of Contemporary Pathology

- ◆ Jan G. van den Tweel and Clive R. Taylor, "A brief history of pathology," *Virchows Archiv* 457 (2010): 3-10 (online).
- ◆ Sean Moore, Thomas A. Seemayer and Gilles Tremblay, "The Career and Influence of Pierre Masson (1880-1959)," *International Journal of Surgical Pathology* 9 (2001):231-236 (online).
- ◆ Jacalyn Duffin, *Lovers and Livers: Disease Concepts in History* (Toronto: University of Toronto Press, 2005), 79-128.

Monday December 3: History of Surgery

- ◆ **Porter 597-627**
- ◆ James Longrigg, *Greek Medicine from the Heroic to the Hellenistic Age: A Source Book* (New York: Routledge 1998), 178-190.
- ◆ Joseph Lister, "On the Antiseptic Principle in the Practice of Surgery" in *Medicine and Western Civilization*, edd. David Rothman, Steven Marcus, and Stephanie Kiceluk (New Brunswick, NJ: Rutgers University Press, 1995), 247-252.
- ◆ Ulrich Tröhler, "Surgery (Modern)" in *Companion Encyclopedia of the History of Medicine*, eds. W. F. Bynum and Roy Porter (London and New York: Routledge, 1996), 984-1028.

Thursday December 6 (no MD students) small-group session: Regimens of Health

- ◆ Discussion topics will be distributed before the class

Important Departmental, Faculty, and University Information

Attention history majors: History 300 is a required course for all history majors. You should normally take it in your second year.

Department Twitter @ucalgaryhist

Faculty of Arts Program Advising and Student Information Resources:

- Have a question, but not sure where to start? The Arts Students Centre (ASC) is your information resource for everything in Arts! Drop in at Social Sciences 102, call 403-220-3580, or email artsads@ucalgary.ca. For detailed information on common academic concerns, you can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate>.
- For program planning and advice, contact the Arts Students Centre (ASC) in SS 102, call 403-220-3580, email artsads@ucalgary.ca, or visit <http://arts.ucalgary.ca/advising>.
- For registration issues, paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK (7625), visit the office in the MacKimmie Library Block (MLB) or their website at <http://www.ucalgary.ca/registrar/>.

Writing:

This course will include written assignments. Faculty policy directs that all written assignments (including, although to a lesser extent, written exam responses) will be assessed at least partly on writing skills. Writing skills include not only surface correctness (grammar, punctuation, sentence structure, etc.) but also general clarity and organization. Research papers must be properly documented.

Writing Support:

Students are also encouraged to use Writing Support Services and other Student Success Centre Services, located on the 3rd floor of the Taylor Family Digital Library (TFDL). Writing Support Services assist with a variety of assignments, from essays to lab reports. Students can book 30-minute one-on-one appointments online, sign up for 15-minute drop-in appointments, and register for a variety of writing workshops. For more information on this and other Student Success Centre services, please visit www.ucalgary.ca/ssc.

Copyright:

The University of Calgary has opted out of the Access Copyright Interim Tariff proposed by the Copyright Board. This means that instructors in all University of Calgary courses will strictly adhere to Copyright Act regulations and the educational exceptions permitted by the Act for both print and digital course material. What this simply means is that no copyrighted material may be placed on course D2L or web sites without the prior permission of the copyright holders. In some cases, this may mean that instructors will require you to purchase a print course pack from the University of Calgary bookstore or that you will have to consult books on reserve at the library. For more information on the University of Calgary's copyright policy, see <http://library.ucalgary.ca/copyright>.

Red Box Policy:

Essays and other assignments may be handed in to the red box located outside of the History Department office (Social Sciences, Room 656). Please include the following information on your assignment: 1) **course name and number**, 2) **instructor**, 3) **your name** and 4) **your student number**. Assignments received after 4:00 p.m. will be date stamped with the date of the next business day. We do not time stamp any papers. Please do not bring your paper into the office to be stamped. The box is emptied promptly at 8:30 a.m. and at 4:00 p.m. Monday to Friday.

Departmental Grading System:

The following percentage-to-letter grade conversion scheme has been adopted for use in all Canadian Studies, History, and Latin American Studies courses.

Percentage	Letter Grade	Grade Point Value	Description
90-100	A+	4.00	Outstanding
85-89	A	4.00	Excellent—superior performance showing comprehensive understanding of subject matter.
80-84	A-	3.70	
77-79	B+	3.30	
73-76	B	3.00	Good—clearly above average performance with knowledge of subject matter generally complete.
70-72	B-	2.70	
67-69	C+	2.30	
63-66	C	2.00	Satisfactory—basic understanding of the subject matter.
60-62	C-	1.70	Receipt of a grade point average of 1.70 may not be sufficient for promotion or graduation.
56-59	D+	1.30	Minimal pass—marginal performance; generally insufficient preparation for subsequent courses in the same subject.
50-55	D	1.00	
0-49	F	0	Fail—unsatisfactory performance or failure to meet course requirements.

Plagiarism:

Plagiarism occurs when one submits or presents one's work in a course, or ideas and/or passages in a written piece of work, as if it were one's own work done expressly for that particular course, when, in fact, it is not. As noted in *The History Student's Handbook* (http://hist.ucalgary.ca/sites/hist.ucalgary.ca/files/history_students_handbook_2015.pdf), plagiarism may take several forms:

- Failure to cite sources properly may be considered plagiarism. This could include quotations, and wording used from another source but not acknowledged.
- Borrowed, purchased, and/or ghostwritten papers are considered plagiarism, as is submitting one's own work for more than one course without the permission of the instructor(s) involved.
- Extensive paraphrasing of one or a few sources is also considered plagiarism, even when notes are used, unless the essay is a critical analysis of those works.
- The use of notes does not justify the sustained presentation of another author's language and ideas as one's own.

Plagiarism is a serious academic offence and written work that appears to contain plagiarized passages will not be graded. All such work will be reported to the Faculty of Arts' associate deans of students who will apply the penalties specified in the *University of Calgary Calendar*.

Universal Student Ratings of Instruction (USRI):

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference. Please participate in USRI surveys.

Academic Accommodations (implemented July 1, 2015):

The student accommodation policy can be found at: ucalgary.ca/access/accommodations/policy.

Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities ucalgary.ca/policies/files/policies/student-accommodation-policy.

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the course instructor.

Campus Resources for Mental Health:

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the SU Wellness Centre (Room 370,

MacEwan Student Centre, <https://www.ucalgary.ca/wellnesscentre/services/mental-health-services>) and the Campus Mental Health Strategy website (<http://www.ucalgary.ca/mentalhealth/>).

Other Useful Information:

- Faculty of Arts Representatives: 403-220-6551, arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca.
- Campus Security & Safewalk: 403-220-5333, <http://www.ucalgary.ca/security/safewalk>.
- Freedom of Information: <http://www.ucalgary.ca/legalservices/foip/foip-hia>.
- Emergency Evacuation Assembly Points: <http://www.ucalgary.ca/emergencyplan/assemblypoints>.
- Student Union Information: <http://www.su.ucalgary.ca/>.
- Graduate Student Association: <http://www.ucalgary.ca/gsa/>.
- Student Ombudsman Office: <http://www.ucalgary.ca/provost/students/ombuds>

Fall 2018