# MEDICAL SCIENCES COURSES



#### Introduction

We would like to thank the faculty and staff of the Medical Sciences departments and programs. We would also like to thank the Human Biology Students' Union (HBSU), Laboratory Medicine and Pathobiology Students' Union (LMPSU), Molecular Genetics & Biology Students' Union (MGBSU), Psychology Students' Association (PSA), Pharmacology & Toxicology Students' Association (PTSA), and the Undergraduate Physiology Students' Association (UPSA) for their help in summarizing the following evaluations.

Editor

## **ANATOMY**

# ANA 300Y1Y Human Anatomy and Histology

Instructor(s): M. Wiley Enr: 125 Resp: 100 Retake: 94% Mean Presents 0 0 0 2 3 28 66 6.6 **Explains** 0 0 0 1 3 20 75 6.7 Communicates 0 0 0 3 10 26 59 6.4 Teaching 0 0 25 6.6 0 1 4 69 Workload 21 8 0 0 29 39 5.3 Difficulty Λ 0 3 41 31 18 5 4.8 Learn Exp 18 27 48

The phrase "Wiley is the best prof ever" kept repeating in the evaluations. Students thought that he was a great instructor who cared about the material and his students.

A few students did comment that the workload was a little heavy at times. Overall, a worthwhile leaning experience.

#### ANA 301H1S Human Embryology

Instructor(s): I. Taylor; M. Wiley

` '	,		,					
Enr: 419		Res	p: 28	5		Reta	ke: 95	%
	1	2	3	4	5	6	7	Mean
Taylor:								
Presents	0	0	1	1	22	35	39	6.1
Explains	0	0	0	2	12	40	45	6.3
Communicates	0	0	0	0	9	29	61	6.5
Teaching	0	0	0	1	11	29	57	6.4
Wiley:								
Presents	0	0	0	2	14	34	48	6.3
Explains	0	0	0	1	12	39	47	6.3
Communicates	0	0	0	2	18	32	46	6.2
Teaching	0	0	0	0	12	26	59	6.4
Course:								
Workload	0	1	4	58	24	8	2	4.4
Difficulty	0	0	3	56	28	8	2	4.5
Learn Exp	0	0	0	8	20	27	43	6.1

Both Taylor and Wiley were excellent instructors. Students said that

they learned a lot in this course and it was one of their favourites at UofT

A few students disliked the multiple-choice testing, but many appreciated that the tests were non-cumulative. The location of the class in the OISE auditorium was poor due to the sound of the passing subway trains. Overall, however, an excellent course.

# **HUMAN BIOLOGY**

#### HMB 200H1S Human Behavioural Biology

Instructor(s): M. Ralph; M. Wall

	Re	Resp: 22 Retake: 77%					
1	2	3	4	5	6	7	Mean
0	4	31	13	27	13	9	4.4
0	0	9	31	31	13	13	4.9
0	0	4	18	36	27	13	5.3
0	0	3	31	18	27	13	5.0
0	0	0	4	22	31	40	6.1
0	0	0	4	18	45	31	6.0
0	0	0	4	22	22	50	6.2
0	0	0	4	13	36	45	6.2
0	0	4	72	13	9	0	4.3
0	0	9	72	9	4	4	4.2
0	4	4	18	22	36	13	5.2
	0 0 0 0 0	1 2 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3  0 4 31 0 0 9 0 0 4 0 0 3  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9	0 4 31 13 0 0 9 31 0 0 4 18 0 0 3 31 0 0 0 4 0 0 0 4 0 0 0 4 0 0 0 4 0 0 0 4	1     2     3     4     5       0     4     31     13     27       0     0     9     31     31       0     0     4     18     36       0     0     3     31     18       0     0     0     4     22       0     0     0     4     18       0     0     0     4     22       0     0     0     4     13       0     0     4     72     13       0     0     9     72     9	1         2         3         4         5         6           0         4         31         13         27         13           0         0         9         31         31         13           0         0         4         18         36         27           0         0         3         31         18         27           0         0         0         4         22         31           0         0         0         4         18         45           0         0         0         4         18         45           0         0         0         4         13         36           0         0         4         72         13         9           0         0         9         72         9         4	1     2     3     4     5     6     7       0     4     31     13     27     13     9       0     0     9     31     31     13     13       0     0     4     18     36     27     13       0     0     3     31     18     27     13       0     0     0     4     22     31     40       0     0     0     4     18     45     31       0     0     0     4     13     36     45       0     0     4     72     13     9     0       0     0     9     72     9     4     4

Ralph was said to be enthusiastic about the material. Students found Wall to be enthusiastic, knowledgeable, available and accessible.

Both instructors gave individual attention, adding to the appreciation of small class size. The course was said to be a good introduction to behavioural biology.

HMB 201H1S Introduction to Genes, Genetics, and Biotechnology

Instructor(s): J. Campbell; M. French

Enr: 80		Re	sp: 55	,		Reta	ke: 84%	
	1	2	3	4	5	6	7	Mean
Campbell:								
Presents	1	1	9	18	27	32	9	5.0
Explains	0	1	7	14	38	27	10	5.1
Communicates	0	1	7	21	27	30	10	5.1
Teaching	0	1	7	12	38	32	7	5.1
French:								
Presents	1	0	0	5	36	32	23	5.7
Explains	0	0	1	7	36	32	21	5.7
Communicates	0	0	0	10	29	40	20	5.7
Teaching	1	0	0	9	29	43	16	5.6
Course:								
Workload	3	1	11	62	14	3	1	4.0
Difficulty	1	1	11	51	24	7	1	4.2
Learn Exp	4	0	0	26	42	17	8	4.9

Campbell's section was found to be more related to immunology than biotechnology. Students found Campbell's lecture style to be slow and unclear at times.

French's lectures were said to be clear, interesting and relevant.

Students desired more direction in assignments with less subjectivity in their marking. Midterms were found to be long and based too much on memorization.

Students appreciated the relatively small class and the ability to interact with other GGB students.

# HMB 265H1S General and Human Genetics

Instructor(s): M. Sauer

Enr: 919		Res	sp: 479	9		6		
	1	2	3	4	5	6	7	Mean
Presents	12	12	18	28	20	5	1	3.6
Explains	12	13	19	29	17	5	2	3.5

Communicates	10	6	9	25	29	13	4	4.2
Teaching	10	9	12	28	24	11	2	3.9
Workload	0	0	0	16	29	30	22	5.6
Difficulty	0	0	1	18	35	30	12	5.3
Learn Exp	7	5	15	45	19	4	1	3.8

Most students found the course interesting and felt it provided a comprehensive overview genetics. Sauer was said to be approachable and attentive and answered questions quickly and thoroughly on BIOME. However, Sauer was said to rush too quickly through material, leaving many students confused. The quizzes and assignments were said to require a disproportionate amount of time and work when considering their value in the marking scheme. Students also found that quizzes and assignments were marked inconsistently by different TAs.

Students believed that either Sauer could have been more selective of the topics taught or that the course should be made into a full-year.

### HMB 301H1S Biotechnology

Instructor(s): D. Christendat; D. Gurfinkel

Enr: 65		Re	sp: 53			Reta	ke: 70%	
	1	2	3	4	5	6	7	Mean
Christendat:								
Presents	0	0	9	32	26	18	3	4.5
Explains	0	1	7	41	24	15	9	4.7
Communicates	0	0	9	30	32	18	9	4.9
Teaching	0	1	11	29	35	13	7	4.7
<u>Gurfinkel</u>								
Presents	0	0	0	13	32	43	11	5.5
Explains	0	0	1	17	34	28	17	5.4
Communicates	0	0	3	11	39	35	9	5.4
Teaching	0	0	1	11	43	25	17	5.5
Course:								
Workload	0	3	19	61	13	1	0	3.9
Difficulty	1	3	13	69	9	0	1	3.9
Learn Exp	0	0	6	41	16	30	4	4.8

Christendat's lectures were a little unstructured and repetitive of material learned in the 100- and 200-level courses. Gurfinkel was enthusiastic, knowledgeable, and approachable.

Test questions were found to be too ambiguous and left room for interpretation.

# HMB 302H1F Vertebrate Histology and Histopathology

Instructor(s): R. Wilson

Enr: 89		Res	Resp: 71 Retake: 71%				)	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	5	25	38	30	5.9
Explains	0	0	1	5	27	38	27	5.8
Communicates	0	0	1	1	12	35	48	6.3
Teaching	0	0	1	4	21	34	38	6.0
Workload	0	1	4	52	30	11	0	4.5
Difficulty	0	0	8	51	38	1	0	4.3
Learn Exp	0	1	1	22	42	25	6	5.1

Students found Wilson to be an effective instructor who showed enthusiasm towards the material. Wilson was also seen as approachable and sympathetic to students' concerns. Some commented however, that Wilson was sometimes difficult to contact or locate.

Students also found that tests were too long to complete in the given time. Labs were useful and interesting but many thought more available TAs would have enhanced the learning experience.

#### HMB 321H1F Topics in Genetics

Instructor(s): P. Romans

Enr: 78		Re	sp: 62	2		Reta	ke: 139	%
	1	2	3	4	5	6	7	Mean
Presents	45	8	19	14	9	3	0	2.5
Explains	40	15	21	15	5	3	0	2.4
Communicates	33	14	3	30	6	6	4	3.0

Teaching	40	11	19	18	1	8	0	2.5
Workload	0	1	0	16	30	33	17	5.5
Difficulty	0	0	3	11	13	42	29	5.8
Learn Exp	25	15	17	28	7	1	3	3.0

Overall, students were extremely disappointed with this course. They felt that Romans was disorganized and unable to communicate the course material in an understandable and logical fashion. Although some thought that Romans was helpful on an individual basis when approached outside of class, a number of students believed her ability to answer students' questions and concerns within class to be inadequate. Many expressed concerns that the prerequisites were inadequate preparation for this course. Several students felt that assignment and test questions were too vague and difficult, and some expressed feelings of discouragement as a result of this course in choosing their program of study.

On a positive note, many felt that the tutorials were extremely beneficial and that the TAs did an excellent job in helping students to understand the material and develop skills in critically analyzing scientific papers.

# HMB 420H1S Seminar in Human Behavioural Biology

Instructor(s): G. Einstein

Enr: 15	Resp: 14 Retake: 92					ke: 92%		
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	7	14	57	21	5.9
Explains	0	0	0	0	14	57	28	6.1
Communicates	0	0	0	0	0	14	85	6.9
Teaching	0	0	0	0	7	35	57	6.5
Workload	0	0	0	7	71	21	0	5.1
Difficulty	0	0	0	57	28	14	0	4.6
Learn Exp	0	0	0	7	38	23	30	5.8

Einstein did an "awesome" job with the course. She was caring, very knowledgeable and created a very "interactive and collaborative" learning environment.

# **IMMUNOLOGY**

# IMM 435H1F Practical Immunology

Instructor(s): J. Jongstra-Bilen; A. Martin; J. Carlyle

Enr: 20		Re	sp: 19	)		Reta	ke: 68%	
	1	2	3	4	5	6	7	Mean
Jongstra-Bilen:								
Presents	0	0	11	17	23	35	11	5.2
Explains	0	0	0	11	38	27	22	5.6
Communicates	0	0	0	11	35	23	29	5.7
Teaching	0	0	0	5	41	35	17	5.6
Martin:								
Presents	0	0	10	10	26	36	15	5.4
Explains	0	0	0	10	36	31	21	5.6
Communicates	0	0	0	11	22	33	33	5.9
Teaching	0	0	0	5	26	42	26	5.9
<u>Carlyle</u> :								
Presents	0	0	5	5	36	31	21	5.6
Explains	0	0	0	0	36	31	31	5.9
Communicates	0	0	0	0	21	47	31	6.1
Teaching	0	0	0	0	16	61	22	6.1
Course:								
Workload	0	0	0	17	35	29	17	5.5
Difficulty	0	0	0	75	18	6	0	4.3
Learn Exp	0	0	0	28	35	21	14	5.2

Overall, students felt that it was a good course, and Jongstra-Bilen and Martin did a good job. Carlyle was a good instructor who was very helpful in answering questions. However, they felt that course organization could be improved. There was often mixed messages about requirements. Some students felt that there were too many TAs, and so they could not adapt to the different writing preferences quickly enough. This affected their marks. Students also felt that the workload was too high and was not very organized.

# LABORATORY MEDICINE & PATHOBIOLOGY

#### LMP 301H1S Introduction to the Biochemistry of Human Disease

Instructor(s): A. Vandenbroucke

Enr: 164	Resp: 98				Retake: 83%			
	1	2	3	4	5	6	7	Mean
Presents	0	2	2	21	37	28	8	5.1
Explains	0	0	2	18	34	31	12	5.3
Communicates	0	0	0	8	40	31	19	5.6
Teaching	0	0	0	11	31	45	10	5.6
Workload	1	1	13	65	16	2	0	4.0
Difficulty	0	1	7	63	23	5	0	4.2
Learn Exp	0	0	0	31	32	28	6	5.1

Overall, a very informative and applicable course. Students felt the instructor was enthusiastic and attended to student questions very well. Most students felt that the material tested and the format of the exam was unfair, and would have preferred exams that properly reflected the material taught in class.

#### LMP 363H1F Principles of Pathobiology

Instructor(s): D. Sarma

Enr: 141		Res	sp: 82			Reta	ke: 91%	
	1	2	3	4	5	6	7	Mean
Presents	1	0	2	3	18	37	35	5.9
Explains	1	0	0	3	16	29	49	6.2
Communicates	0	0	1	0	10	27	60	6.5
Teaching	0	0	1	1	11	28	57	6.4
Workload	0	1	1	56	28	8	3	4.5
Difficulty	0	0	1	58	27	9	3	4.6
Learn Exp	0	0	1	15	20	28	35	5.8

Most students commented that Sarma was a fantastic lecturer. Sarma was enthusiastic, caring and responsive to questions. The material was interesting, well-structured, and the lecturer communicated effectively

# LMP 365H1S Neoplasia

Instructor(s): M. Ohh

Enr: 31		Res	sp: 25	;		Reta	ke: 82%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	20	40	40	6.2
Explains	0	0	0	0	25	41	33	6.1
Communicates	0	0	0	0	36	28	36	6.0
Teaching	0	0	0	0	20	36	44	6.2
Workload	0	0	4	36	44	4	12	4.8
Difficulty	0	0	0	32	32	28	8	5.1
Learn Exp	0	0	0	17	35	35	11	5.4

Most students loved this course and thought it was one of the best of their academic experiences. Ohh was very organized and a great teacher.

# LMP 402H1F Inflammation and Infection

Instructor(s): M. McGavin

Enr: 40		Res	sp: 28			Reta	ke: 88	%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	17	42	39	6.2
Explains	0	0	0	3	14	50	32	6.1
Communicates	0	0	0	0	14	39	46	6.3
Teaching	0	0	0	0	17	50	32	6.1
Workload	0	0	0	32	28	28	10	5.2
Difficulty	0	0	0	35	35	17	10	5.0
Learn Exp	0	0	4	9	18	40	27	5.8

### LMP 403H1S Immunopathology

Instructor(s): P. Shek; L. Zhang

Enr: 36		Re	sp: 17			Reta	ke: 75%	
	1	2	3	4	5	6	7	Mean
Shek:								
Presents	0	0	0	11	29	35	23	5.7
Explains	0	0	0	17	23	41	17	5.6
Communicates	0	0	0	11	23	23	41	5.9
Teaching	0	0	0	17	11	29	41	5.9
Zhang:								
Presents	0	0	0	11	23	47	17	5.7
Explains	0	0	0	11	35	23	29	5.7
Communicates	0	0	0	23	17	29	29	5.6
Teaching	0	0	0	17	17	29	35	5.8
Course:								
Workload	0	0	0	29	35	35	0	5.1
Difficulty	0	0	0	31	50	18	0	4.9
Learn Exp	0	0	10	30	40	0	20	4.9

Overall, students found the instructors interesting, stimulating and well-organized.

#### LMP 404H1F Bone and Skeletal Disorders

Instructor(s): W. Vogel

Enr: 45		Re	sp: 32	2		Reta	ake: 82%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	3	3	25	50	18	5.8
Explains	0	3	3	3	34	40	15	5.5
Communicates	0	0	3	3	25	40	28	5.9
Teaching	0	0	3	6	9	56	25	5.9
Workload	0	0	0	64	22	12	0	4.5
Difficulty	0	0	0	61	32	3	3	4.5
Learn Exp	0	0	0	47	26	13	13	4.9

The presentations were found to be interesting and fun, but some thought that there were too many topics, so having larger groups and fewer presentations might have been better.

# LMP 406H1S Pathobiology of the Cardiovascular System

Instructor(s): M. Benedeck

Enr: 22		Resp: 13				Reta	ke: 66%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	15	30	38	15	5.5
Explains	0	0	0	15	38	23	23	5.5
Communicates	7	0	7	0	30	30	23	5.3
Teaching	7	0	0	15	15	38	23	5.4
Workload	0	0	0	38	61	0	0	4.6
Difficulty	0	0	0	38	46	15	0	4.8
Learn Exp	0	0	0	41	41	0	16	4.9

Many students thought it was a good learning experience. The array of instructors were knowledgeable in their field. However, some students felt the midterm was too long for the allotted time. Also, students would have appreciated the presence of the instructor more often and more adequate instructions should have been given for course assignments.

#### LMP 436H1S Microbial Pathogenesis

Instructor(s): R. Bishop

Enr: 26		Res	sp: 20	)	Retake: 84%			
	1	2	3	4	5	6	7	Mean
Presents	0	5	0	10	35	25	25	5.5
Explains	0	5	0	0	20	55	20	5.8
Communicates	0	0	0	10	15	40	35	6.0
Teaching	0	5	0	5	5	57	26	5.9
Workload	0	0	5	52	26	15	0	4.5
Difficulty	0	0	0	47	42	10	0	4.6
Learn Exp	0	0	8	16	16	33	25	5.5

Students enjoyed Bishop's clear lectures on disease-causing bacteria.

#### **MOLECULAR GENETICS & MICROBIOLOGY**

#### MGY 312H1Y Principles of Genetic Analysis

Instructor(s): B. Funnell; P. McCourt

Enr: 28	Resp: 25					Reta	ke: 90%	
	1	2	3	4	5	6	7	Mean
Funnell:								
Presents	0	0	0	25	25	41	8	5.3
Explains	0	0	0	34	26	30	8	5.1
Communicates	0	4	0	20	45	20	8	5.0
Teaching	0	0	4	12	33	45	4	5.3
McCourt:								
Presents	4	0	12	36	28	16	4	4.5
Explains	4	0	8	28	32	20	8	4.8
Communicates	0	4	0	28	36	16	16	5.1
Teaching	4	0	12	24	24	20	16	4.9
Course:								
Workload	0	0	4	50	33	8	4	4.6
Difficulty	0	4	4	56	30	4	0	4.3
Learn Exp	0	0	0	15	30	40	15	5.6

This was a TA-driven course, and the quality of the course highly depended on the TAs. This year, the TAs were good. Funnell's section was extremely organized and concise. The experiments were fun and logical.

McCourt's section was a little disorganized and not very clear at times. However, he was readily available to answer students' questions and give talks during the lab.

#### MGY 376Y1Y Microbiology Laboratory

Instructor(s): A. Bognar; M. Brown

Enr: 45	Resp: 43					Reta	ke: 72%	
	1	2	3	4	5	6	7	Mean
Bognar:								
Presents	2	2	9	43	29	12	0	4.3
Explains	2	0	9	37	32	18	0	4.5
Communicates	2	0	7	28	35	21	4	4.8
Teaching	0	2	9	23	33	26	4	4.9
Brown:								
Presents	0	2	4	21	31	29	9	5.1
Explains	0	0	5	15	35	30	12	5.3
Communicates	0	0	2	9	24	41	21	5.7
Teaching	0	0	2	16	35	30	14	5.4
Course:								
Workload	0	0	0	9	4	21	64	6.4
Difficulty	0	0	0	41	34	16	6	4.9
Learn Exp	0	0	2	8	29	32	27	5.7

Students agreed that the workload for this course was enormous, and wished that it was offered as a full year one. Both instructors were effective in explaining the goals of the course. Students appreciated the "various microbiological lab techniques that were introduced because these enhanced their learning experience". The lab reports were very tedious. Overall, it was a beneficial course to take.

# MGY 377H1F Microbiology I: Bacteria

Instructor(s): S. Gray-Owen

	٠. ۵,	0 0.						
Enr: 267		Res	sp: 11	7		Reta		
	1	2	3	4	5	6	7	Mean
Presents	2	6	16	25	25	18	5	4.4
Explains	1	1	13	24	33	20	5	4.7
Communicates	0	1	2	16	34	25	18	5.3
Teaching	0	1	3	23	30	30	7	5.1
Workload	1	1	4	42	36	9	4	4.6
Difficulty	1	0	3	37	39	14	3	4.7
Learn Exp	0	2	7	45	28	12	4	4.5

Students thought that Gray-Owen was a good instructor. He was very effective in answering students' questions and he was always available for consultation outside of lectures. Some students, however, found his lecture notes disorganized and contained too many figures without thorough explanations.

Instructor(s): J. Liu; J. Brumell

Enr: 267		Re	sp: 92	<u>-</u>				
	1	2	3	4	5	6	7	Mean
<u>Liu</u> :								
Presents	1	1	1	15	35	34	10	5.3
Explains	1	1	5	27	36	23	4	4.9
Communicates	1	0	9	21	37	21	7	4.9
Teaching	0	0	2	25	37	24	10	5.2
Brumell:								
Presents	0	0	3	14	32	35	14	5.4
Explains	1	0	4	20	35	26	12	5.2
Communicates	0	0	2	12	29	30	25	5.6
Teaching	0	0	1	17	36	30	14	5.4
Course:								
Workload	1	1	1	40	28	17	10	4.9
Difficulty	1	0	2	28	39	20	7	5.0
Learn Exp	1	1	11	36	26	14	8	4.6

Some students found Liu difficult to understand at times. He seemed to lack enthusiasm. On the other hand, his notes were very clear and students found them useful in understanding the material. He was also very approachable and friendly in person.

Brumell was a good lecturer who was very enthusiastic and knowledgeable. He made good use of examples and movies, and his lectures were fun to attend. However, students felt that he spoke too fast and tended to rush through his lectures. He often ended his lectures early, and students felt that this time should have been used to explain important concepts.

# MGY 378H1S Microbiology II: Viruses

Instructor(s): L. Frappier

Enr: 182	Resp: 67					Reta	ke: 66	%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	10	22	40	25	5.8
Explains	0	0	0	10	23	43	23	5.8
Communicates	0	1	4	10	27	43	12	5.4
Teaching	0	0	1	6	28	48	15	5.7
Workload	1	1	3	40	38	10	3	4.6
Difficulty	0	1	0	29	42	12	12	5.0
Learn Exp	0	2	7	46	24	14	4	4.6

Frappier was very effective and enthusiastic in conveying the goals of the course.

Instructor(s): A. Cochrane

Enr: 182		Resp: 78				Reta	ke: 60%	
	1	2	3	4	5	6	7	Mean
Presents	1	5	10	24	30	19	8	4.7
Explains	3	2	8	26	20	25	11	4.8
Communicates	3	2	5	23	29	17	17	5.0
Teaching	1	1	7	25	26	21	15	5.0
Workload	1	0	2	33	44	13	4	4.8
Difficulty	1	1	1	29	38	17	10	5.0
Learn Exp	0	1	11	41	29	9	5	4.5

The course was interesting. Cochrane was reluctant to answer students' questions and did not make them feel at ease when concerns about the material were raised. Overall, the instructor presented the material in an organized and enthusiastic manner.

MGY 425H1S Signal Transduction and Cell Cycle Regulation

Instructor(s): S. Egan

Enr: 16		Re	Resp: 12			Reta	ke: 50	%
	1	2	3	4	5	6	7	Mean
Presents	0	0	9	18	18	45	9	5.3
Explains	0	0	18	9	18	27	27	5.4
Communicates	0	0	9	9	27	45	9	5.4
Teaching	9	0	0	9	18	36	27	5.5
Workload	0	0	0	30	30	30	10	5.2
Difficulty	0	0	0	30	20	40	10	5.3
Learn Exp	11	0	0	33	22	22	11	4.7

Students felt this was a very densely packed course with a lot of material to memorize. The material was enjoyable, yet challenging. The midterm exam was by far too long, and seemed to reflect speed, as opposed to knowledge. Egan was a good lecturer and very knowledgeable.

#### MGY 428H1F Microbial Genomics

Instructor(s): P. Roy; T. Hughes

Enr: 29		Res	sp: 23			Reta	ke: 45%	
	1	2	3	4	5	6	7	Mean
Roy:								
Presents	0	0	8	13	26	26	26	5.5
Explains	0	4	4	8	30	17	34	5.6
Communicates	0	0	4	0	36	22	36	5.9
Teaching	0	0	9	22	22	22	22	5.3
Hughes:								
Presents	0	0	0	8	30	30	30	5.8
Explains	0	0	0	8	34	21	34	5.8
Communicates	0	0	4	4	40	18	31	5.7
Teaching	0	0	0	13	39	17	30	5.7
Course:								
Workload	0	4	0	27	40	13	13	5.0
Difficulty	0	0	0	40	25	30	5	5.0
Learn Exp	5	0	0	44	22	22	5	4.7

The required reading was too extensive. Hughes taught the class with enthusiasm and presented the material in an organized manner. Friction developed when Roy decided to change the marking scheme part way into the course without the agreement of the students. The change resulted in the addition of an in-class question-and-answer period determining 5% of the final marks pertaining to the assigned readings. These questions asked in class were rather subjective and made the students uncomfortable during the lectures. Furthermore, the essay assignment topics were too general and hard to pinpoint exactly what was essential.

MGY 432H1F Laboratory in Molecular Genetics and Microbiology

 $Instructor(s) \hbox{:} \ \, \mathsf{B.} \ \, \mathsf{Blencowe}; \ \, \mathsf{S.} \ \, \mathsf{Gray-Owen}$ 

Enr: n/a		Resp: 42 Retake: 79%						
	1	2	3	4	5	6	7	Mean
Blencowe:								
Presents	2	0	2	19	26	30	19	5.4
Explains	0	0	5	22	27	30	15	5.3
Communicates	0	0	4	17	31	19	26	5.5
Teaching	0	0	4	7	41	29	17	5.5
Gray-Owen:								
Presents	0	0	9	21	28	21	19	5.2
Explains	0	0	4	21	21	30	21	5.4
Communicates	0	0	2	7	29	26	34	5.8
Teaching	0	0	0	7	36	34	21	5.7
Course:								
Workload	0	2	4	40	21	16	14	4.9
Difficulty	0	2	2	70	17	2	4	4.3
Learn Exp	0	3	10	20	31	34	0	4.8

Students found Blencowe's section fun and with interesting projects. The lab manual for the molecular genetics portion was well designed and organized. However, many students thought that the test required knowledge regarding topics not covered. There were also numerous

complaints regarding the TAs' fairness and subjective marking.

Although students found Gray-Owen approachable and helpful, they also found the microbiology section a little disorganized. The project was fun and interesting, but the technical problems experienced detracted from the course.

Generally, students would have liked to see a lecture component from the instructors to explain the concepts or perhaps an hour with the TAs to help interpret results.

MGY 434H1S Bacterial Signalling and Physiological Regulation

Instructor(s): A. Bognar; K. Ireton

Enr: 13		Re	sp: 10	)		Reta	ke: 30%	
	1	2	3	4	5	6	7	Mean
Bognar:								
Presents	0	0	30	10	50	10	0	4.4
Explains	0	10	0	50	20	10	10	4.5
Communicates	10	0	30	20	40	0	0	3.8
Teaching	0	10	0	50	20	10	10	4.5
Ireton:								
Presents	0	10	10	20	50	10	0	4.4
Explains	10	0	0	30	40	10	10	4.6
Communicates	10	0	30	0	50	10	0	4.1
Teaching	10	0	0	40	30	10	10	4.5
Course:								
Workload	0	0	0	70	20	10	0	4.4
Difficulty	0	0	0	60	20	20	0	4.6
Learn Exp	0	0	44	22	22	11	0	4.0

#### MGY 440H1F Molecular Virology

Instructor(s): M. Brown

Enr: 18		Resp: 12				Retak	e: 100%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	8	25	41	25	5.8
Explains	0	0	0	16	16	25	41	5.9
Communicates	0	0	0	16	8	25	50	6.1
Teaching	0	0	0	8	16	41	33	6.0
Workload	0	0	0	58	33	0	8	4.6
Difficulty	0	0	0	50	41	0	8	4.7
Learn Exp	0	0	0	0	44	44	11	5.7

Students enjoyed this course. They found that Brown was a very good instructor who was very enthusiastic about the material and extremely attentive in answering students questions. Students liked that she encouraged class discussion. However, students noted that the material should have been returned in a more timely fashion.

MGY 445H1F Genetic Engineering for Prevention and Treatment of Disease

Instructor(s): S. Joshi

Enr: 27	Resp: 16					Reta	ke: 50%	
	1	2	3	4	5	6	7	Mean
Presents	0	12	18	25	18	18	6	4.3
Explains	0	18	25	6	18	25	6	4.2
Communicates	18	12	0	18	31	12	6	3.9
Teaching	0	6	18	25	25	12	12	4.6
Workload	0	6	0	56	25	12	0	4.4
Difficulty	0	6	0	56	6	25	6	4.6
Learn Exp	0	14	14	21	28	7	14	4.4

Students found that Joshi was enthusiastic about the course material and attentive in answering students' questions. She made herself available for extra help outside of the classroom. However, they found that she moved through the material too quickly, making it difficult to follow and understand. Students would have preferred more detailed notes that explained the figures and their relevance. The would have also preferred that more attention be given to gene therapies for disease other than just HIV.

MGY 451H1F Genetic Analysis of Development: Yeast and Worms Instructor(s): A. Spence

Enr: 27		Resp: 21				Reta	ke: 84	%
	1	2	3	4	5	6	7	Mean
Presents	0	0	5	10	30	35	20	5.6
Explains	0	0	0	9	23	42	23	5.8
Communicates	0	0	0	9	14	52	23	5.9
Teaching	0	0	0	10	35	45	10	5.6
Workload	0	0	5	68	21	5	0	4.3
Difficulty	0	0	0	47	36	15	0	4.7
Learn Exp	0	0	0	18	43	37	0	5.2

Spence made great use of examples to explain his concepts and went at a slow pace to ensure that all students understood the material. His assignments and test were difficult but logical.

## MGY 452H1S Genetic Analysis of Development: Flies and Mice

Instructor(s): C. Boulianne; H. Lipshitz

Enr: 13	Resp: 8					Retake: 33%			
	1	2	3	4	5	6	7	Mean	
Boulianne:									
Presents	0	0	12	0	25	62	0	5.4	
Explains	0	0	0	12	25	62	0	5.5	
Communicates	0	0	0	12	0	75	12	5.9	
Teaching	0	0	0	12	25	50	12	5.6	
Lipshitz:									
Presents	0	0	12	0	37	50	0	5.2	
Explains	0	0	12	0	12	75	0	5.5	
Communicates	0	0	0	12	37	50	0	5.4	
Teaching	12	0	0	25	25	37	0	4.6	
Course:									
Workload	0	0	0	50	33	16	0	4.7	
Difficulty	0	0	0	16	50	33	0	5.2	
Learn Exp	0	0	0	75	25	0	0	4.2	

### MGY 470H1S Human and Molecular Genetics

Instructor(s): J. Rommens

Enr: 47	Resp: 27				Reta	Retake: 95%		
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	11	3	59	25	6.0
Explains	0	0	0	0	15	46	38	6.2
Communicates	0	0	0	0	14	25	59	6.4
Teaching	0	0	0	0	11	59	29	6.2
Workload	0	0	3	69	19	7	0	4.3
Difficulty	0	0	0	69	23	7	0	4.4
Learn Exp	0	0	0	36	13	27	22	5.4

Students all liked Rommens. They found her notes to be very clear and helpful. However, students felt that she lectured too quickly.

# **NEUROSCIENCE**

## NRS 201H1S Neuroscience

Instructor(s): J. Yeomans

Enr: 51	Resp: 35				Reta	ke: 88%		
	1	2	3	4	5	6	7	Mean
Presents	2	0	11	42	25	5	11	4.5
Explains	0	2	2	14	28	25	25	5.5
Communicates	0	0	0	0	5	22	71	6.7
Teaching	0	0	2	8	37	34	17	5.5
Workload	0	2	8	71	17	0	0	4.0
Difficulty	0	2	0	44	35	17	0	4.6
Learn Exp	0	0	0	3	39	50	7	5.6

Students commended Yeomans for his interesting lectures, as well as his enthusiasm and attentiveness to students' questions. Many students found the material to be interesting and valuable. A number of students

suggested that the tests should have included other types of questions, such as multiple choice, given the detailed nature of the course material. Other suggestions included having a better fit between lectures and the assigned text readings, and to provide lecture notes and figures online.

#### NRS 202H1S Neuroanatomy

Instructor(s): P. Stewart

Enr: 67	Resp: 38				Retake: 91%			
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	5	21	72	6.7
Explains	0	0	0	2	2	44	50	6.4
Communicates	0	0	0	2	7	23	65	6.5
Teaching	0	0	0	2	2	31	63	6.6
Workload	0	0	2	57	13	15	10	4.7
Difficulty	0	0	5	44	28	15	5	4.7
Learn Exp	0	0	0	3	20	23	53	6.3

Stewart was described as an excellent instructor who was very interesting and enthusiastic. Although the course was challenging, the material was well-organized, and well-presented.

#### NRS 302H1F Neuroscience Laboratory

Instructor(s): J. Yeomans; C. Perumalla

Enr: 17		Re	sp: 14			Reta	ke: 21%	
	1	2	3	4	5	6	7	Mean
Yeomans:								
Presents	0	0	7	28	14	50	0	5.1
Explains	0	7	7	14	28	28	14	5.1
Communicates	0	0	0	14	14	57	14	5.7
Teaching	0	0	0	30	23	46	0	5.2
Perumalla:								
Presents	0	7	7	23	15	46	0	4.8
Explains	0	21	7	21	28	14	7	4.3
Communicates	7	7	14	14	21	28	7	4.5
Teaching	0	14	0	21	50	14	0	4.5
Course:								
Workload	0	0	0	0	21	14	64	6.4
Difficulty	0	0	0	14	28	14	42	5.9
Learn Exp	0	0	18	36	36	9	0	4.4

Yeomans displayed enthusiasm for the lab material and the course in general. However, most students found that Yeomans did not communicate the goals of the course very clearly.

Instructor(s): B. Murray

Enr: 17	Enr: 17			Resp: 13				%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	7	38	46	7	5.5
Explains	0	0	0	7	46	38	7	5.5
Communicates	0	0	0	7	38	38	15	5.6
Teaching	0	0	0	7	46	46	0	5.4
Workload	0	0	0	0	8	25	66	6.6
Difficulty	0	0	0	8	25	16	50	6.1
Learn Exp	11	0	11	44	22	11	0	4.0

Students appreciated Murray's enthusiasm and clearly explained lectures. Murray was also considered very helpful, pleasant and approachable. Many, however, found that the course workload was too heavy. Students complained about having too many difficult reports to hand in.

### **NUTRITIONAL SCIENCES**

## NFS 284H1F Basic Human Nutrition

Instructor(s): T. Wolever

Enr: 518		Res	p: 25	0		6		
	1	2	3	4	5	6	7	Mean
Presents	0	2	8	29	30	21	6	4.8

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Explains	0	1	3	24	29	31	9	5.1
Communicates	0	1	1	13	29	29	24	5.6
Teaching	0	2	1	21	29	36	9	5.3
Workload	0	3	12	64	14	21	1	4.0
Difficulty	0	1	17	68	8	2	0	3.9
Learn Exp	0	0	5	35	30	16	11	4.9

Wolever was an enthusiastic and interesting lecturer who interjected a lot of humour in his instruction which students appreciated. He conveyed the material clearly and effectively. Students complained about the marking standards in the course saying that "there was too much variance from TA to TA - others marked too easily while some were too harsh." They also didn't like the breakdown of marks claiming that a 50% final exam was unfair considering that the assignments did not really prepare them for it. The readings were long and the course involved a lot of memorization. Nonetheless, students enjoyed Wolever's fun lectures and appreciated his helpfulness in clarifying confusing concepts.

#### NFS 484H1F Advanced Nutrition

Instructor(s): C. Greenwood

Enr: 31	Resp: 12					Reta	ke: 75	%
	1	2	3	4	5	6	7	Mean
Presents	0	0	8	33	25	25	8	4.9
Explains	0	0	0	16	25	50	8	5.5
Communicates	0	0	0	16	8	41	33	5.9
Teaching	0	0	0	16	25	33	25	5.7
Workload	0	0	8	33	58	0	0	4.5
Difficulty	0	0	8	33	50	8	0	4.6
Learn Exp	0	0	0	44	44	0	11	4.8

#### NFS 486H1S Nutrition and Human Disease

Instructor(s): D. Ma

Enr: 28		Re	sp: 20	)		Reta	ke: 94%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	15	35	35	15	5.5
Explains	0	0	0	25	35	25	15	5.3
Communicates	0	0	0	25	5	45	25	5.7
Teaching	0	0	0	10	20	45	25	5.8
Workload	0	0	15	70	15	0	0	4.0
Difficulty	0	0	20	65	15	0	0	4.0
Learn Exp	0	0	0	37	6	37	18	5.4

Ma was very friendly, helpful and accommodating. Students found the assignments and creative presentations enjoyable.

#### NFS 487H1F Functional Foods and Nutrigenomics

Instructor(s): A. El-Sohemy

Enr: 40		Re	sp: 17	,		Retake: 71%			
	1	2	3	4	5	6	7	Mean	
Presents	0	0	6	25	25	25	18	5.2	
Explains	0	0	0	0	50	37	12	5.6	
Communicates	0	0	0	25	6	50	18	5.6	
Teaching	0	0	0	37	31	25	6	5.0	
Workload	0	6	6	37	18	25	6	4.7	
Difficulty	0	0	12	43	25	12	6	4.6	
Learn Exp	0	15	0	30	23	23	7	4.6	

### NFS 488H1S Nutritional Toxicology

Instructor(s): A. El-Sohemy

Enr: 99		Re	sp: 74		Retake: 100%				
	1	2	3	4	5	6	7	Mean	
Presents	0	0	0	8	28	42	20	5.8	
Explains	0	0	1	5	26	42	24	5.8	
Communicates	0	0	0	8	30	38	23	5.8	
Teaching	0	0	0	4	21	52	21	5.9	
Workload	0	0	11	66	22	0	0	4.1	
Difficulty	0	0	12	78	8	0	0	4.0	
Learn Exp	0	0	1	24	33	32	8	5.2	

El-Sohemy was funny, approachable and knowledgeable. He presented concepts in a clear and logical manner. The lecture notes were concise and informative. Students were always given help, but they suggested that clearer expectations on assignments and tests should have been stated.

#### NFS 490H1S Socio-Cultural Aspects of Nutrition

Instructor(s): S. Parker

Enr: 68		Re	sp: 29	)		Reta	ke: 88%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	13	44	20	20	5.5
Explains	0	0	0	17	34	34	13	5.4
Communicates	0	3	0	17	37	24	17	5.3
Teaching	0	0	0	10	34	37	17	5.6
Workload	0	0	14	46	32	7	0	4.3
Difficulty	0	0	14	82	3	0	0	3.9
Learn Exp	0	0	0	40	36	13	9	4.9

The course provided valuable information regarding social facets of nutrition. Parker was kind and considerate.

# PHARMACOLOGY & TOXICOLOGY

PCL 201H1S Introduction to Pharmacology: Pharmacokinetic Principles

Instructor(s): W. Burnham

Enr: 249		Res	sp: 11′	1		Reta	ke: 97	%
	1	2	3	4	5	6	7	Mean
Presents	0	0	1	9	18	43	26	5.8
Explains	0	0	1	4	12	44	36	6.1
Communicates	0	0	0	6	10	42	39	6.1
Teaching	0	0	0	4	9	41	45	6.3
Workload	0	6	22	61	8	0	0	3.8
Difficulty	0	7	19	60	10	0	0	3.8
Learn Exp	0	0	1	10	24	35	28	5.8

An excellent course overall. Students found Burnham to be approachable and very knowledgeable. He also explained concepts well and evaluated fairly. The lectures were very interesting, however, some students felt that it was difficult to hear at times. Also, the lecture guide seemed a little disorganized.

# PCL 376H1F Experimental Design and Data Analysis for Pharmacology and Toxicology

Instructor(s): J. Nobrega

Enr: 55		Re	sp: 31			Reta	ke: 41%	
	1	2	3	4	5	6	7	Mean
Presents	0	3	6	9	45	29	6	5.1
Explains	0	3	3	35	19	32	6	4.9
Communicates	0	0	10	20	40	20	10	5.0
Teaching	0	0	6	25	25	32	9	5.1
Workload	3	3	14	64	12	0	0	3.8
Difficulty	3	0	9	61	22	3	0	4.1
Learn Exp	0	0	11	50	23	11	3	4.5

Nobrega was an approachable and friendly instructor.

### PCL 470Y1Y Systems Pharmacology

Instructor(s): A. Lanca

Enr: 42		Re	sp: 23	3		Reta	ke: 45%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	13	39	30	17	0	4.5
Explains	0	0	26	26	26	13	8	4.5
Communicates	0	8	4	30	30	26	0	4.6
Teaching	0	4	17	39	21	17	0	4.3
Workload	0	0	0	0	17	17	65	6.5
Difficulty	0	0	0	13	17	39	30	5.9
Learn Exp	5	10	5	15	30	20	15	4.8

Students found this course to have a lot of work, but it was interesting. Students disliked the idea of being evaluated on details and the fact that answers were not posted and papers were not returned. They also disliked the cumulative final exam and felt that a cumulative midterm would have been better. Students felt that Lanca explained the material well.

# PCL 471Y1Y Pharmacology Laboratory

Instructor(s): A. Hamadanizadeh

Enr: 28		Re	Resp: 28				ke: 42%	42%	
	1	2	3	4	5	6	7	Mean	
Presents	0	3	11	29	40	14	0	4.5	
Explains	0	3	7	37	44	7	0	4.4	
Communicates	0	3	3	32	42	17	0	4.7	
Teaching	3	0	7	28	35	17	7	4.8	
Workload	0	0	0	17	53	25	3	5.1	
Difficulty	0	0	0	37	55	3	3	4.7	
Learn Exp	0	0	8	50	25	12	4	4.5	

A few students complained about having different TAs for each lab. They found it hard to adapt to each TAs' expectations and requirements, which generally affected their mark. Students also wished that the prelab preparation was better, as most of the time during the lab was spent on setting up.

# PCL 473Y1Y Interdisciplinary Toxicology

Instructor(s): C. Woodland

Enr: 39		Resp: 32 Retake: 63%						
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	19	32	29	19	5.5
Explains	0	0	0	22	25	32	19	5.5
Communicates	0	0	0	9	19	35	35	6.0
Teaching	0	0	0	12	9	48	29	5.9
Workload	0	3	0	45	16	25	9	4.9
Difficulty	0	0	0	45	32	16	6	4.8
Learn Exp	0	3	3	15	42	19	15	5.2

Students found Woodland to be a very enthusiastic, knowledgeable and approachable instructor. Topics covered in class were intense, but interesting. A few students found the tests to be too detail-oriented and ambiguous. Overall, a great course - very insightful and geared for future Toxicologists!

# PCL 475Y1Y Neuropsychopharmacology

Instructor(s): W. Burnham

Enr: 18	Resp: 11				Retak	e: 100%		
	1	2	3	4	5	6	7	Mean
Presents	0	0	9	36	27	9	18	4.9
Explains	0	0	0	18	36	9	36	5.6
Communicates	0	0	0	0	9	27	63	6.5
Teaching	0	0	0	0	9	27	63	6.5
Workload	0	0	0	0	45	45	9	5.6
Difficulty	0	0	0	18	36	45	0	5.3
Learn Exp	0	0	0	0	10	50	40	6.3

Students found Burnham to be very enthusiastic, approachable and simply put - an outstanding instructor. The small class size allowed for more class interaction. A highly recommended course!

# PCL 476H1F Experimental Design and Data Analysis for Pharmacology and Toxicology

Instructor(s): J. Nobrega

Enr: 70		Re	sp: 33	}				
	11	2	3	4	5	6	7	Mean
Presents	3	3	9	15	34	25	9	4.9
Explains	3	6	9	12	46	15	46	4.7
Communicates	3	3	6	18	36	18	15	5.0
Teaching	3	3	3	18	25	37	9	5.1
Workload	0	3	18	66	9	0	3	3.9

Difficulty	0	6	12	51	24	6	0	4.1
Learn Exp	3	6	13	31	31	6	6	4.3

PCL 481H1S The Molecular and Biochemical Basis of Toxicology

Instructor(s): P. O'Brien

Enr: 40		Re	Resp: 34 Retake: 31%					
	1	2	3	4	5	6	7	Mean
Presents	3	6	18	28	28	9	6	4.2
Explains	3	0	16	35	29	16	0	4.4
Communicates	6	3	6	34	31	18	3	4.5
Teaching	3	9	3	37	25	9	12	4.5
Workload	3	0	12	45	29	9	0	4.3
Difficulty	0	0	3	33	50	10	3	4.8
Learn Exp	4	12	0	56	20	0	8	4.1

Students found O'Brien to be a knowledgeable and funny instructor, but unorganized at times. The TAs were much appreciated and very helpful. Also, students found that the goals of the course were poorly defined and that guest lecturers covered too much material without explaining them well.

#### **PHYSIOLOGY**

#### PSL 201Y1Y Basic Human Physiology

Instructor(s): C. Perumalla

Enr: 280	Resp: 116					Reta	ake: 64%			
	1	2	3	4	5	6	7	Mean		
Presents	0	0	0	2	21	39	35	6.1		
Explains	0	0	0	0	18	45	34	6.1		
Communicates	0	0	0	0	15	49	33	6.1		
Teaching	0	0	0	4	19	43	31	6.6		
Workload	0	0	1	41	34	14	7	4.8		
Difficulty	0	0	2	40	36	14	4	4.7		
Learn Exp	1	1	9	42	21	18	5	4.6		

Students felt that Perumalla was a very good and organized instructor.

# PSL 300H1F Human Physiology I

Instructor(s): W. Mackay; V. Watt

Enr: 46		Re	sp: 10	)		Retake: 90%			
	1	2	3	4	5	6	7	Mean	
Mackay:									
Presents	0	0	10	40	10	10	30	5.1	
Explains	10	0	30	30	0	10	20	4.2	
Communicates	10	20	20	0	20	10	20	4.1	
Teaching	0	10	0	20	30	20	20	5.1	
Watt:									
Presents	11	11	11	11	33	11	11	4.2	
Explains	0	0	10	20	10	40	20	5.4	
Communicates	0	0	0	20	10	30	40	5.9	
Teaching	0	10	10	10	0	60	10	5.2	
Course:									
Workload	0	0	0	0	33	33	33	6.0	
Difficulty	0	0	0	0	11	55	33	6.2	
Learn Exp	0	12	0	0	25	0	62	5.9	

# PSL 301H1S Human Physiology II

Instructor(s): C. Perumalla

Enr: 14	Resp: 7					Reta	ke: 50%	
	1	2	3	4	5	6	7	Mean
Presents	14	0	0	0	28	28	28	5.3
Explains	0	14	0	14	14	28	28	5.3
Communicates	0	0	0	0	42	14	42	6.0
Teaching	14	0	0	14	14	14	42	5.3
Workload	0	0	0	50	16	16	16	5.0
Difficulty	0	0	0	0	50	16	33	5.8
Learn Exp	0	0	16	33	16	33	0	4.7

# 160 MEDICAL SCIENCES

Students felt Perumalla did a good job teaching basic background information before going into details.

Instructor(s): N. Jones

Enr: 14		Re	esp: 6			%		
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	16	50	33	6.2
Explains	0	0	0	0	0	66	33	6.3
Communicates	0	0	0	0	40	20	40	6.0
Teaching	0	0	0	0	16	50	33	6.2
Workload	0	0	0	60	0	20	20	5.0
Difficulty	0	0	0	0	40	20	40	6.0
Learn Exp	0	0	25	25	0	50	0	4.8

#### PSL 302Y1Y Human Physiology

Instructor(s): W. Mackay; V. Watt

Enr: 676		Res	sp: 27	7		Reta	ıke: 61%	
	1	2	3	4	5	6	7	Mean
Mackay:								
Presents	0	3	11	25	26	19	12	4.8
Explains	3	5	12	29	22	19	7	4.5
Communicates	10	8	14	27	18	11	8	4.1
Teaching	4	5	11	25	27	17	8	4.6
Watt:								
Presents	0	0	4	25	38	19	10	5.0
Explains	0	0	3	17	38	28	11	5.3
Communicates	0	0	0	11	29	35	22	5.7
Teaching	0	0	1	18	35	32	10	5.3
Course:								
Workload	0	0	1	21	36	25	14	5.2
Difficulty	0	0	0	15	32	35	16	5.5
Learn Exp	0	2	3	35	29	18	9	4.9

Many students appreciated Mackay's detailed notes as a supplement to his lectures. Posting webnotes before lectures also helped students grasp lecture material better. Some students thought Mackay was "dry" and should have been more enthusiastic while others found his "sarcastic humour enjoyable".

Students found Watt to be enthusiastic and outgoing. She was able to engage students well. However, many felt that her slides needed more information.

Instructor(s): C. Perumalla

Enr: 515	Resp: 259					Reta	take: 60%			
	1	2	3	4	5	6	7	Mean		
Presents	0	0	2	12	30	34	17	5.5		
Explains	1	0	1	11	32	33	19	5.5		
Communicates	1	0	0	9	26	39	22	5.7		
Teaching	1	0	0	13	30	34	18	5.5		
Workload	0	0	2	30	31	24	10	5.0		
Difficulty	0	0	1	17	31	28	20	5.5		
Learn Exp	2	3	9	31	29	18	6	4.6		

Students thought Perumalla was a good instructor. His slides were well-organized and explained very well. Students enjoyed his enthusiasm and use of humour as a break during the difficult lectures.

Instructor(s): N. Jones

Enr: 515		Res	p: 214	4		Reta	ke: 65%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	1	11	28	40	17	5.6
Explains	0	0	0	9	27	42	19	5.7
Communicates	0	0	0	9	24	42	23	5.8
Teaching	0	0	0	8	32	40	18	5.7
Workload	0	1	2	32	30	21	10	5.0
Difficulty	0	0	0	17	38	23	18	5.4
Learn Exp	2	2	8	29	28	20	8	4.8

Students found Jones' lectures to be interactive, clear, concise, and extremely enjoyable. Students especially liked her problem based learning component at the end of the lectures. However, some students pointed out that her lecture slides were different from the online notes.

PSL 350H1S Mammalian Molecular Biology

Instructor(s): V. Watt

Enr: 77	Resp: 59				Reta	ıke: 47%		
	1	2	3	4	5	6	7	Mean
Presents	8	5	10	25	29	13	6	4.3
Explains	1	3	8	33	15	30	6	4.8
Communicates	1	0	0	11	16	33	35	5.9
Teaching	3	1	15	25	23	25	5	4.6
Workload	0	1	15	52	19	7	3	4.2
Difficulty	0	0	10	51	27	3	6	4.4
Learn Exp	0	6	10	50	22	10	0	4.2

Most students thought Watt communicated well. She was nice and approachable. Some thought her lecture material was a little disorganized. Everything assigned was last minute and evaluations took too long to be returned.

# PSL 372H1F Mammalian Physiology Laboratory

Instructor(s): C. Perumalla

Enr: 136		Resp: 117 Retake: 51%					%	
	1	2	3	4	5	6	7	Mean
Presents	1	1	10	35	30	16	3	4.5
Explains	0	1	14	21	31	21	7	4.8
Communicates	0	0	1	16	24	35	21	5.5
Teaching	0	0	3	24	29	28	12	5.2
Workload	0	0	0	3	14	35	46	6.2
Difficulty	0	0	0	4	27	41	25	5.8
Learn Exp	0	2	2	17	31	32	13	5.3

Students generally enjoyed the labs but many felt the lab reports were too much work and difficult. They also felt the report instructions were vague and they had problems with finding the physiology information needed

# PSL 374H1S Advanced Physiology Laboratory

Instructor(s): C. Perumalla

Enr: 31		Res	sp: 22	2		Reta	ke: 54%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	4	13	45	27	9	5.2
Explains	0	0	0	4	50	27	18	5.6
Communicates	0	0	0	0	22	27	50	6.3
Teaching	0	0	0	0	33	38	28	6.0
Workload	0	0	0	9	13	40	36	6.0
Difficulty	0	0	0	18	18	40	22	5.7
Learn Exp	0	0	0	14	28	28	28	5.7

Students found the course to be difficult especially the exams. Students also found the course to be a little disorganized with a heavy workload. However, most felt it was a good learning experience. The instructor was also very enthusiastic and knowledgeable.

# PSL 421H1S Reproduction II: Pregnancy and Birth

Instructor(s): S. Matthews

Enr: 38		Re	sp: 14					
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	7	14	42	35	6.1
Explains	0	0	7	0	21	50	21	5.8
Communicates	7	0	0	7	35	28	21	5.4
Teaching	0	0	7	7	50	28	7	5.2
Workload	0	0	0	33	58	8	0	4.8
Difficulty	0	0	0	36	54	9	0	4.7
Learn Exp	0	0	14	28	14	14	28	5.1

Students found the course somewhat disorganized with too many different instructors. The material was in-depth and also overlapped between instructors.

PSL 425H1F Integrative Metabolism and its Endocrine Regulation Instructor(s): I. Fantus

Enr: 32		Res	sp: 21			Reta	ke: 94%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	30	30	25	15	5.2
Explains	0	0	5	15	50	20	10	5.2
Communicates	0	0	0	25	40	25	10	5.2
Teaching	0	0	0	30	40	15	15	5.2
Workload	0	0	0	68	15	15	0	4.5
Difficulty	0	0	5	57	10	21	5	4.6
Learn Exp	0	0	0	31	25	31	12	5.2

## PSL 432H1S Theoretical Physiology

Instructor(s): D. Tweed

Enr: 13	Resp: 9					Reta	ake: 66%		
	1	2	3	4	5	6	7	Mean	
Presents	0	0	0	22	11	44	22	5.7	
Explains	0	0	0	22	11	33	33	5.8	
Communicates	0	0	11	0	22	11	55	6.0	
Teaching	0	0	0	11	0	5	33	6.1	
Workload	0	22	11	44	0	22	0	3.9	
Difficulty	0	11	11	11	22	33	11	4.9	
Learn Exp	0	0	0	33	33	11	22	5.2	

Some students felt that they didn't have the adequate knowledge of programming for the course. Students found the lectures interesting, but challenging.

PSL 440Y1Y Neuroscience I: Systems and Behaviour

Instructor(s): D. Ballyk; J. Dostrovsky

Enr: 34		Re	sp: 22	2		Reta	ke: 90%	
	1	2	3	4	5	6	7	Mean
Ballyk:								
Presents	0	0	4	9	22	40	22	5.7
Explains	0	0	0	4	23	52	19	5.9
Communicates	0	0	0	4	18	31	45	6.2
Teaching	0	0	0	9	22	54	13	5.7
Dostrovsky:								
Presents	0	0	9	13	31	22	22	5.4
Explains	0	0	4	22	40	27	4	5.0
Communicates	0	0	31	18	36	13	0	4.3
Teaching	0	0	4	27	36	31	0	5.0
Course:								
Workload	0	0	5	65	15	15	0	4.4
Difficulty	0	0	0	55	25	20	0	4.7
Learn Exp	0	0	0	8	41	33	16	5.6

Ballyk was very enthusiastic and clear in her presentations. Students enjoyed the bell-ringer anatomy test.

Dostrovsky went through the material too quickly.

Instructor(s): D. Broussard

Enr: 34		Re	sp: 21			Reta		
	1	2	3	4	5	6	7	Mean
Presents	0	0	4	23	38	28	4	5.0
Explains	0	0	0	23	42	23	9	5.2
Communicates	0	0	14	14	42	23	4	4.9
Teaching	0	0	5	10	45	30	10	5.3
Workload	0	0	0	55	22	22	0	4.7
Difficulty	0	0	0	22	55	22	0	5.0
Learn Exp	0	0	0	0	66	33	0	5.3

#### PSL 443H1S Motor Control Systems

Instructor(s): H. Kwan; W. McIlroy

Enr: 22		Re	esp: 1	7			Retake: 75%			
	1	2	3	4	5	6	7	Mean		
Kwan:										
Presents	0	0	0	17	11	52	17	5.7		
Explains	0	0	0	18	31	31	18	5.5		
Communicates	0	0	0	5	29	41	23	5.8		
Teaching	0	0	0	17	11	47	23	5.8		
McIlroy:										
Presents	0	0	0	23	35	29	11	5.3		
Explains	0	0	0	18	25	43	12	5.5		
Communicates	0	0	5	5	29	35	23	5.6		
Teaching	0	0	0	35	29	17	17	5.2		
Course:										
Workload	6	6	18	31	25	12	0	4.0		
Difficulty	6	0	6	43	31	12	0	4.3		
Learn Exp	0	0	0	50	21	28	0	4.8		

Kwan's lectures were thought to be very interesting, and most students agreed that they were a pleasure to attend. Although some students noted the high math content, they felt that the subject matter was extremely interesting.

Students generally agreed that McIlroy was a good and enthusiastic instructor. Some felt that he could have improved his lectures by incorporating more of his own research, or by incorporating review articles.

Instructor(s): W. Mackay; W. Hutchison

` '		•						
Enr: 22		Re	sp: 18	3		Reta	ke: 76%	
	1	2	3	4	5	6	7	Mean
Mackay:								
Presents	0	0	5	27	33	16	16	5.1
Explains	0	0	0	22	33	27	16	5.4
Communicates	0	0	0	22	33	27	16	5.4
Teaching	0	0	5	11	50	22	11	5.2
Hutchison:								
Presents	0	0	5	27	38	16	11	5.0
Explains	0	0	5	33	22	27	11	5.1
Communicates	0	0	5	33	16	27	16	5.2
Teaching	0	0	0	27	38	27	5	5.1
Course:								
Workload	5	5	11	41	29	5	0	4.0
Difficulty	5	0	5	35	35	17	0	4.5
Learn Exp	0	0	7	46	15	30	0	4.7

Students felt that the material for this course was interesting and detailed. Mackay's lecture notes were very complex, however, his exam questions were very broad and did not test all the material taught.

Hutchison was enthusiastic in the subject. However, he was a bit rushed and students thought more time should have been allocated for his material. He did not answer well to emails.

#### PSL 452H1F Membrane Physiology

Instructor(s): Z-P. Feng; L-Y. Wang

Enr: 8		Re	esp: 7			Reta	ke: 57%	
	1	2	3	4	5	6	7	Mean
Feng:								
Presents	0	0	16	50	16	0	16	4.5
Explains	0	0	33	16	33	0	16	4.5
Communicates	0	0	16	66	16	16	16	4.8
Teaching	0	0	16	50	16	0	16	4.5
Wang:								
Presents	0	0	0	42	28	14	14	5.0
Explains	0	0	0	42	28	14	14	5.0
Communicates	0	0	0	28	42	14	14	5.1
Teaching	0	0	14	42	14	14	14	4.7
Course:								
Workload	0	0	0	66	16	0	16	4.7
Difficulty	0	0	0	66	16	0	16	4.7

Learn Exp 0 0 0 83 0 0 16 4.5

Instructor(s): R. Tsushima

Enr: 8		Re	sp: 9			Reta	ke: 60	%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	22	11	44	22	5.7
Explains	0	0	0	11	22	44	22	5.8
Communicates	0	0	0	11	22	55	11	5.7
Teaching	0	0	0	11	33	33	22	5.7
Workload	0	0	0	20	20	0	60	6.0
Difficulty	0	0	0	20	20	0	60	6.0
Learn Exp	0	0	0	40	20	0	40	5.4

Students thought that Tsushima was very enthusiastic and made ion channels fun.

#### PSL 460H1F Molecular Physiology

Instructor(s): V. Watt

Enr: 12		Re	Resp: 10 Retake: 70%					
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	10	40	50	0	5.4
Explains	0	0	0	10	15	30	10	5.4
Communicates	0	0	0	0	30	20	50	6.2
Teaching	0	0	0	0	40	40	20	5.8
Workload	0	0	11	11	33	33	11	5.2
Difficulty	0	0	11	0	66	11	11	5.1
Learn Exp	0	0	0	25	62	12	0	4.9

Watt was a very helpful instructor; she was very enthusiastic. The course was a good learning experience and the presentations were interesting. However, there were too many papers to read.

PSL 462H1S Molecular Aspects of Cardiovascular Function

Instructor(s): R. Tsushima; S. Heximer

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Enr: 14		Re	sp: 11			)		
	1	2	3	4	5	6	7	Mean
Tsushima:								
Presents	0	9	0	18	18	54	0	5.1
Explains	0	0	18	0	36	45	0	5.1
Communicates	0	0	18	18	45	18	0	4.6
Teaching	0	0	0	36	36	18	9	5.0
Heximer:								
Presents	0	9	0	36	27	27	0	4.6
Explains	0	0	9	9	63	18	0	4.9
Communicates	0	0	9	18	36	36	0	5.0
Teaching	0	0	0	36	54	9	0	4.7
Course:								
Workload	0	0	0	50	20	20	10	4.9
Difficulty	0	0	0	40	20	30	10	5.1
Learn Exp	12	0	0	50	37	0	0	4.0

Instructor(s): B. Bruneau

monactor(c). D.	Diane	Juu						
Enr: 14	Resp: 11							
	1	2	3	4	5	6	7	Mean
Presents	9	0	27	18	36	9	0	4.0
Explains	9	0	27	27	27	9	0	3.9
Communicates	9	0	0	18	63	9	0	4.5
Teaching	9	0	18	9	54	9	0	4.4
Workload	0	0	0	25	25	25	25	5.5
Difficulty	0	0	0	25	25	25	25	5.5
Learn Exp	50	0	0	50	0	0	0	2.5

Students thought there was not enough description with the lecture slides.

#### PSL 470H1S Cardiovascular Physiology

Instructor(s): L. Adamson; C. Wittnich

Enr: 40		Res	sp: 11			Reta	ke: 77%	
	1	2	3	4	5	6	7	Mean
Adamson:								
Presents	0	0	9	9	45	18	18	5.3
Explains	0	0	0	9	54	36	0	5.3
Communicates	0	0	0	9	36	45	9	5.5
Teaching	0	0	0	0	70	20	10	5.4
Wittnich:								
Presents	0	9	0	18	54	9	9	4.8
Explains	0	9	0	18	54	18	0	4.7
Communicates	0	0	9	0	36	45	9	5.5
Teaching	0	9	0	9	63	9	9	4.9
Course:								
Workload	0	0	0	40	40	20	0	4.8
Difficulty	0	0	0	50	20	30	0	4.8
Learn Exp	0	0	0	40	60	0	0	4.6

Instructor(s): G. Van Arsdell

Enr: 40		Re	sp: 10	)		Reta	ke: 85%	
	1	2	3	4	5	6	7	Mean
Presents	0	10	0	50	30	0	10	4.4
Explains	0	0	10	40	30	10	10	4.7
Communicates	0	0	0	20	40	10	30	5.5
Teaching	0	0	10	30	30	30	0	4.8
Workload	0	0	0	37	37	25	0	4.9
Difficulty	0	0	0	62	0	37	0	4.8
Learn Exp	0	0	0	66	33	0	0	4.3

Van Arsdell went through material too quickly and expected students to have a strong background in cardiology. However, his information was very interesting.

#### PSL 472H1S Sleep Physiology and Chronobiology

Instructor(s): R. Horner

Enr: 19		Res	sp: 17			Reta	ke: 52%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	11	35	23	29	5.7
Explains	0	0	5	17	17	17	41	5.7
Communicates	0	0	0	17	17	35	29	5.8
Teaching	0	0	5	23	17	35	17	5.4
Workload	0	0	5	64	23	5	0	4.3
Difficulty	0	0	0	70	17	11	0	4.4
Learn Exp	0	0	0	33	33	33	0	5.0

Students found the course to be very interesting and engaging. Horner was a good lecturer. The test questions were vague and the lecture notes were not effective. Students felt that "fill-in-the-blank" notes took away from the overall learning experience.

# PSL 497H1F Scientific Communication

Instructor(s): V. Watt

Enr: 17		Re	sp: 14	ļ		Reta	ke: 84%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	8	16	25	33	16	5.3
Explains	0	0	0	21	35	21	21	5.4
Communicates	0	0	0	7	7	28	57	6.4
Teaching	0	0	7	7	14	50	21	5.7
Workload	0	0	0	14	35	42	7	5.4
Difficulty	0	0	15	69	15	0	0	4.0
Learn Exp	0	0	0	9	18	27	45	6.1

Students felt the course and instructor were good. They felt that feedback concerning assignments should have been given sooner.