SOM Fall 2018 Electives

How to enroll in an SOM elective: Email Krisztina Hershon, khershon@ucsd.edu (SOM’s Registrar) and provide her with the course name and number you would like to take along with your PID number. She will authorize you to enroll in the course and will confirm with you when done. You will then be able to add the course via WebReg.

If you have enrolled in an SOM elective, I encourage you to email the course contact *before* the class begins to let them know you are a pharmacy student who has enrolled in the course and ask if there is anything you need to do to prepare for the first day.

**EMED 275  Wilderness Medicine**

Section 954191  
Course Contact: Jill Huhn, jhuhn@ucsd.edu --- During the first class students will receive instruction on the future class dates and other locations to meet for the remainder of the course including the UCSD Hillcrest Hospital Campus.

A practical course covering diagnosis and treatment of injuries and illnesses encountered in the wilderness environment including cold, heat, high altitude, diving medicine, outdoor orthopedic trauma, plant and marine life poisonings, and survival in the wilderness.

| Instructor  | Van Hoesen |
| P-Years Eligible | 23 |
| Units | 1 |
| Classroom | CTF C301 |
| Schedule | Tuesdays: 1:00 PM - 3:00 PM --- 1st class is September 18 |

**FPM 246  Occupational/Environmental Health**

Section 954194  
*** Must contact instructor before enrolling, rheifetz@ucsd.edu ***

Introduction to history/epidemiology of work-related disease. A review of occupationally-related health problems (heart disease, pneumoconiosis, peripheral neuropathy, sterility, birth defects, psychiatric disease and disability. Major modalities of prevention and control will be presented and the role of health practitioners, government, management and labor will be reviewed. Course will include guest lecturers, films, videotapes, and field visits to local industries and/or clinicians treating occupational disease.

| Instructor  | Heifetz |
| P-Years Eligible | 23 |
| Units | 2 |
| Classroom | Stein 247 a/b ConfRm |
| Schedule | Tuesdays: 1:00 PM - 3:00 PM --- 1st class is September 18 |

**MED 239  Health Frontier/Tijuana**

Section 954199  
Course contact: Jose Luis Burgos, jlburgos@ucsd.edu

Students will learn about Mexican health systems and principles and practices of global health as they design and implement health education and screening programs. Under faculty supervision, students will learn how to take histories and perform physical education as well as administration, health education and leadership.

| Instructor  | Burgos |
| P-Years Eligible | 3 |
| Units | 2 |
| Classroom | MED/Telemed 321 |
| Schedule | Mondays: 1:00 PM - 2:00 PM --- 1st class is September 17 |
### MED 246  Current Literature in Glycobiology

**Section** 952877  
**Course contact:** Tracy Gilstrap, tgilstrap@ucsd.edu

This course provides a forum for informally discussing current papers in glycobiology research. Topics include glycan chemistry, biochemistry, genetics, cell biology, and molecular biology in animals, plants, and microbes, as well as medical aspects of glycobiology.  
More information: [http://grtc.ucsd.edu/Current_Lit.html](http://grtc.ucsd.edu/Current_Lit.html)

**Instructor:** Bode  
**P-Years Eligible:** 123  
**Units:** 1  
**Classroom:** BRF2 4103  
**Schedule:** Fridays: 12:00 PM - 1:00 PM --- 1st class is September 28

### MED 249  Understanding the Application of Meditation to Medicine

**Section** 954205  
**Course contact:** Dr. Daniel Lee, MD, dalee@ucsd.edu

Attendance to the first class is absolutely vital as key baseline concepts will be discussed at the first class. From then on, additional concepts that are built on the initial concepts will be discussed in subsequent weeks. Thus, attendance to class will facilitate your understanding. Students will get firsthand experience with learning Kelee meditation ([www.thekelee.org](http://www.thekelee.org)), including the Anatomy of the Kelee and how to apply the Basic Principles of the Kelee to improve their patient care interactions.

Course introduces students to meditation including: a broad review of origins and meditation types, meditation research design considerations, and current comprehensive review of published evidence. Meditation taught emphasizes use as medical therapeutic and to enhance patient-physician relationship.

**Instructor:** Lee  
**P-Years Eligible:** 123  
**Units:** 1  
**Classroom:** MET 315  
**Schedule:** Tuesdays: 5:00 PM - 6:30 PM --- 1st class is September 18

### MED 262  Current Trends/Biomed Informatics

**Section** 954179  
**Course contact:** Dr. Jejo Koola, jkoola@ucsd.edu, 858.246.2563

This seminar series is designed to help students understand the foundations as well as current and new directions in biomedical informatics. Discussions of cutting-edge research conducted by local, regional, national and international experts will be presented.

**Instructor:** Koola  
**P-Years Eligible:** 123  
**Units:** 1  
**Classroom:** BRF2 5A03  
**Schedule:** Fridays: 1:00 PM - 2:00 PM --- 1st class is September 28
MED 264  Principles of Biomedical Informatics

Section 954180  
Course contacts: Nancy Yuan, f5yuan@ucsd.edu; Alex Wenzel, atwenzel@ucsd.edu

This course is designed to introduce the fundamental concepts and some of the algorithms used in biomedical informatics applications as well as provide exposure to its many sub-domains.

Instructor  
Ohno-Machado

P-Years Eligible  
2

Units  
4

Classroom  
BRF2 5A03

Schedule  
Tuesdays & Thursdays: 12:00 PM - 2:00 PM --- 1st class is September 27

MED 271  Gene and DNA Therapy

Section 956097  
Course contact: Marya Bengali, mbengali@ucsd.edu

Using lectures and discussion groups, we introduce basic science and concepts of different gene delivery systems and their applications to animal models relevant to human diseases and in human clinical trials. Strategies, controversies and results of prior and ongoing human trials will be outlined. Exposure to these topics will enable understanding of the current clinical successes in human gene therapy, future directions, challenges and lessons learnt from the past.

Instructor  
Cherqui

P-Years Eligible  
2

Units  
2

Classroom  
BRF2 1104

Schedule  
Thursdays: 1:00 PM - 2:30 PM --- 1st class is September 27

MED 277  Intro to Biomed Natural Language Processing

Section 954181  
Course Contact: Elizabeth Santillanez, esantill@ucsd.edu, 858.534.8649

Biomedical Natural Language Processing (BioNLP) is an essential tool in both biomedical research and clinical applications. Students taking This course will learn how to process free text data and their Integration with other types of biomedical data with BioNLP.

Instructor  
Hsu

P-Years Eligible  
2

Units  
4

Classroom  
MedEd 304

Schedule  
Tuesdays & Thursdays: 1:30 PM - 3:00 PM --- 1st class is September 28
MED 278  Cancer Genomics Journal Club

For one hour the presenter will discuss a recent (<6 months) article from the published scientific literature on the topic of cancer genomics and related bioinformatics methods. Rotating presenters include class members, instructors, attending faculty or staff.

The class website is: http://moores.ucsd.edu/oncogx/MED278.htm

Section  954208  Course contact: Elizabeth Santillanez, esantillanez@ucsd.edu

| Instructor | Harismendy |
| P-Years Eligible | 23 |
| Units | 1 |
| Classroom | BRF2 5A03 |
| Schedule | Tuesdays: 2:00 PM - 3:00 PM --- 1st class is September 18 |

PSY 230  Introduction to Clinical Hypnosis

Practical concepts for the clinical use of hypnosis are presented by lecture and demonstration. Instructions for self- and hetero-induction are provided and clinical applications are presented by guest lecturers from medicine and other related fields.

Section  954216  Course contact: Edwin Yager, eyager@ucsd.edu, 610.341.4691

| Instructor | Yager |
| P-Years Eligible | 3 |
| Units | 2 |
| Classroom | TBD |
| Schedule | Mondays: 1:00 PM - 4:00 PM --- 1st class is September 17 |

SOMI 223  Intersections of LGBTQ Health

A 9-week open-forum-based course that aims to increase awareness of LGBTQ issues among health care professionals-in-training in order to ameliorate the experiences of sexual and gender minorities.

This is an engaging course that combines didactics with group discussion on LGBTQ health and the disparities that exist within the LGBTQ community. Each week is led by a different facilitator from a different practice in medicine as we try to unpack these complex and thought-provoking topics to help us become more competent healthcare professionals.

Section  954218  Course contacts: Dr. Mary Lewinski, mlewinski@ucsd.edu; Katherine Garcia, k2garcia@ucsd.edu

| Instructor | Willies |
| P-Years Eligible | 123 |
| Units | 1 |
| Classroom | MET 204 |
| Schedule | Thursdays: 5:00 PM - 7:00 PM --- 1st class is September 20 |
Doc-for-a-Day is a "service-learning" activity whereby medical students get the unique opportunity to interact with and engage disadvantaged middle and high school students for one day at the School of Medicine. This event is geared towards exposing inner city kids to the possibility of pursuing a career in science or medicine. It involves students working in small groups with kids teaching physical exams, neurological exams, and anatomy. The students will also hold a panel to discuss issues they encountered upon choosing a career in medicine.

Family, community and cultural influences on health as well as new efforts to tailor diagnosis and treatment based on genetic variation will be presented. Health care systems and their effects on health equity will be discussed.

This course exposes students to an urban high school. Students will be trained to give ten lessons on health topics to the same high school class providing a longitudinal health curriculum. They will learn teaching strategies and written feedback, track student learning and act as role models.