

ProfessorsSusan Golden, AP&M 4824, sgolden@ucsd.edu

OH: Wednesday 2:00-3:00

Michael Gorman, McGill Hall 5133, mgorman@ucsd.edu

OH: Thursday 3:30-4:30

* check FAQ (Frequently Asked Questions) on Canvas coursefinder@ucsd.edu first

* put BIMM116 or PSYC133 in subject line of all emails

Lectures: Tu/Th 5–6:20 in [Peterson 110](#)**Course website** – canvas.ucsd.edu

Assignments/quizzes/readings etc. will all be posted on Canvas

DATE	DAY	Lecture	Topic	Lecturer
9/26	Th	1	Introduction and overview	SG
10/1	Tu	2	Rhythmic phenomenology	MG
10/3	Th	3	Fundamental properties of circadian rhythms	MG
10/8	Tu	4	Molecular biology primer/Two process sleep model	SG
10/10	Th	5	Neuroscience primer/Sleep deprivation	MG
10/15	Tu	6	<i>Drosophila</i> clock mechanism	SG
10/17	Th	7	Vertebrate physiology	MG
10/22	Tu	MIDTERM EXAM #1 (Lectures 1-6) (In Class)		
10/24	Th	8	Mammalian clock mechanism	SG
10/29	Tu	9	SCN Networks	DW
10/31	Th	10	Vertebrate photoreception	MG
11/5	Tu	11	Peripheral clocks/feeding	SP
11/7	Th	12	Plant Clocks	SG
11/12	Tu	MIDTERM EXAM #2 (Lectures 7-12) (In Class)		
11/14	Th	13	Human photoperiodism and psychiatry	MM
11/19	Tu	14	Cyanobacterial clock mechanism	SG
11/21	Th	15	Clocks in the real-world clock	SP
11/26	Tu	16	TBD	
11/28	Th	<i>Thanksgiving holiday: No class</i>		
12/3	Tu	17	Entrainment across models	SG & MG
12/5	Th	18	Summary	SG
12/13	F		CUMULATIVE FINAL EXAM 7-10 PM Peterson 110	

Lecturers:

SG = Susan Golden, Biology

DW = David Welsh, Psychiatry

MG = Michael Gorman, Psychology

MM = Michael McCarthy, Psychiatry

SP = Satchin Panda, Salk Institute

Grading: Final course grades will be calculated based on 1000 points.

A = 900 - 1000

B = 800 – 899

C = 700 – 799

D = 600 – 699

F = < 600

Curving of final grades is not expected, but if any adjustments to the scale are made, they will be applied only to *benefit* students (*i.e.*, a more difficult curve will not be used if class performance exceeds expectations).

Final letter grades will be modified with plusses and minuses.

Exams: For a total of 600 points, there are two required, in-class midterms on the dates indicated above (150 points each) and a cumulative final exam (300 points). Tests are multiple choice and you require nothing but a #2 pencil, an eraser, and your student ID. Scantron forms will be provided.

Online quizzes: For a total of 200 points, there will be online quizzes administered through Canvas on assigned videos and course readings. Each quiz is worth 20 points. Except for the one in finals week, these are due on ~~Sunday~~ Monday nights, 11:59 p.m. **PLAN ACCORDINGLY**. Quizzes are open book, meaning that you may consult notes, review the materials etc, but no collaboration with other students is permitted. Please remind yourself of the Academic Integrity Policy (below) and consequences of not adhering to it. **Students are responsible for monitoring Canvas closely for due dates.** Credit for late assignments, if allowed at all, will be significantly discounted. Accommodations will be made for late-enrolling students without penalty.

Discussion section assignments: Participation in discussion sections is **required**. Points for section participation (20 per session) will be accrued up to 120 points total; Instructional Assistants may assign in-class activities to be turned in to earn participation points.

Clicker participation: All students must register an i>Clicker through Canvas for use in lectures. To receive credit for a lecture (10 points), students must answer ~75% of polling points. Full clicker credit for the course is 60 points total. Because there are many opportunities to get full credit, there will be no provision for forgotten or malfunctioning clickers etc.

i>Clicker/discussion section points earned in excess of the requirements may be used, at the professors' discretion, as a criterion for determining borderline grades.

Pre-class and post-class knowledge surveys: For 10 points each, students will be asked to take two short, ungraded, knowledge surveys made available on Canvas.

Drops and Withdrawals: In accordance with current university policy. The first midterm is scheduled before the deadline for dropping without receiving a "W" (and students can self-grade their exams the next day).

Incompletes: Only for medical emergencies, not for personal reasons. Requests must be made prior to the final exam, **NOT** after. Requests must be made in writing: a passing grade in the course up to that point is also a campus requirement for an "I".

Make-up Exams: Available only in the case of a documented emergency. Make-up exams are likely to be in an alternative format including essays and/or oral examination. You must decide whether you are well enough to take an exam; a grade will not be dropped after the fact because you state that you took an exam while sick. Contact an instructor to make arrangements for university-approved, scheduled absences that coincide with exams.

Course Improvements: Your instructors strive to improve the learning experience of students in this course every year. One major avenue for course improvement is the development of online course materials by your peers through the [BioClock Studio](#), a course taught in winter quarter that is supported by a Howard Hughes

Medical Institute (HHMI) teaching-professorship to SSG. Many of your assigned materials were created by students of the BioClock Studio in winters 2015-19. You will have the opportunity to apply for participation in Winter 2020. An application link will be announced on Canvas.

Instructional Assistants: IAs (TAs and tutors) are wonderful resources. Take advantage of the additional value they can offer in this class. Their contact information, office hours and academic biographies will be posted online.

Academic Integrity: The standard of academic conduct for UCSD students requires that no student shall engage in any activity that involves attempting to receive a grade by means other than their own honest effort; for example, no student shall:

- a. knowingly procure, provide, or accept any unauthorized materials that contain questions or answer to any examination or assignment to be given at a subsequent time;
- b. complete, in part or in total, any examination or assignment for another person;
- c. knowingly allow any examination or assignment to be completed, in part or in total, for himself or herself by another person;
- d. plagiarize or copy the work of another person and submit it as his or her own work;
- e. employ aids excluded by the instructor in undertaking coursework;
- f. without proper permission, alter graded class assignments or examinations and then resubmit them for regrading.

Note: *use of another student's i>Clicker to enable them to score points in their absence, or to have another student do the same for you, is academic dishonesty just like cheating on an exam, and will be not be tolerated.*

UCSD Policy on Integrity of Scholarship *"The principle of honesty must be upheld if the integrity of scholarship is to be maintained by an academic community. The University expects that both faculty and students will honor this principle and in so doing protect the validity of University grading. This means that all academic work will be done by the student to whom it is assigned, without unauthorized aid of any kind. Officers of instruction, hereinafter called instructors, for their part, will exercise care in planning and supervising academic work, so that honest effort will be encouraged."*

Violation of Academic Integrity will result in failure in the course as well as other serious penalties.