

ProfessorsSusan Golden, sgolden@ucsd.edu

OH: Wednesday 11:00-noon

Michael Gorman, mgorman@ucsd.edu

OH: Thursday 3:30-4:30

* check FAQ (Frequently Asked Questions) on Canvas before emailing a question

* put BIMM116 or PSYC133 in subject line of all emails

Lectures: Tu/Th 2–3:20 on Zoom via Canvas**Course website** – canvas.ucsd.edu

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

DATE	DAY	Lecture	Topic	Lecturer
Oct 1	Th	1	Introduction and overview	SG
Oct 6	Tu	2	Rhythmic phenomenology	MG
Oct 8	Th	3	Fundamental properties of circadian rhythms	MG
Oct 13	Tu	4	Molecular biology primer	SG
Oct 15	Th	5	Sleep	SG&MG
Oct 20	Tu	6	Entrainment/Neuroscience techniques	MG
Oct 22	Th	7	Drosophila	SG
Oct 27	Tu	8	Vertebrate Physiology	MG
Oct 29	Th		Review/Integration	SG&MG
Nov 3	Tu		No lecture -- EXAM IS DUE	
Nov 5	Th	9	Mammalian TTFL	SG
Nov 10	Tu	10	SCN Networks	DW
Nov 12	Th	11	Photoreception	MG
Nov 17	Tu	12	Systems biology	SP
Nov 19	Th	13	Plants	SG
Nov 24	Tu	14	Cyanobacteria	SG
Nov 26	Th		<i>Thanksgiving holiday: No class</i>	
Dec 1	Tu	15	Human photoperiodism and Psychiatry	MM
Dec 3	Th	16	Entrainment across models	SG&MG
Dec 8	Tu	17	Tidal rhythms	MG
Dec 10	Th	18	Summary	SG
			CUMULATIVE FINAL EXAM TBD	

Lecturers:

SG = Susan Golden, Biology

SP = Satchin Panda, Salk Institute

MG = Michael Gorman, Psychology

DW = David Welsh, Psychiatry

MM = Michael McCarthy, Psychiatry

Grading: Final course grades will be calculated based on 750 points.

A = 675 - 750

B = 600 – 675

C = 525 – 600

D = 450 – 525

F = < 450

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 pluses and minuses.***

Exams: There will be one midterm exam (**150 points**) and a final exam (**200 points**). The final is cumulative, but more emphasis will be placed on material covered since the midterm. Both exams will be delivered asynchronously, but will have a time limit. Both will be open book/open note, but any communication or collaboration is strictly prohibited. Any stretching of this prohibition constitutes academic misconduct. Please remind yourself of the Academic Integrity Policy (below) and consequences of not adhering to it.

Online quizzes: For a total of **225 points**, there will be **untimed** online quizzes administered through Canvas on assigned videos and course readings. Each quiz is worth *15 points*. Generally, there will be a quiz associated with every lecture. *All quizzes will be due on Tuesdays at 2 pm* (so in most weeks there will be two quizzes due). **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.

Participation credit: Students are required to actively engage the material throughout the quarter. Students are expected to accumulate **175 points** from any combination of synchronous section participation (*30 points per week*) and asynchronous submission of lecture-related questions (*15 points per submission*). Together, there are more than 400 point opportunities. Participation points are capped at 175.

Section participation: Sections are held synchronously via Zoom at the time posted on the Schedule of Classes. Points will be awarded for participation in various section activities that may change weekly (e.g., group work, diagnostic quizzes, attendance at beginning, middle or end of section etc). Partial credit may be given. However, section participation is NOT based on correct performance (*i.e.*, if a quiz is given, your participation points will not be determined by how many questions you got right). You only receive credit for participation in your assigned section. If you fully participated in 6 sections, you would earn full credit (6 x 30 points/section = 180 points, but credit is capped at 175).

Lecture questions: To provide an alternative for students who are not able to participate in synchronous discussion sections, full participation points can be earned through the following asynchronous option: For each lecture (except that on Oct 1), students may submit to Canvas by 9 am (San Diego time) one “Understanding Question” related to the pre-recorded lecture and associated materials for that day. There is an “assignment” set up in Canvas for each lecture to submit these questions. Each appropriate submission will earn 15

participation points. No late questions will receive credit. On any given week, you may earn credit both for discussion participation AND lecture questions.

Drops and Withdrawals: In accordance with current university policy.

Incompletes: Only for medical emergencies, not for other 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. Any accommodation regarding missed exams will be evaluated in light of the fact that the exams are available over an extended interval. Do not wait until the last minute before exams are due to request accommodation.

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 was 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 2015-20. In Winter 2021 BioClock will be redesigned as a graduate course for Masters students. Registration information will be advertised later in the quarter.

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 answers 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.

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.