

**Professors**

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OH: Tu 3:30-4:30 pm  
 OH: M 3:30-4:30 pm

- \* check FAQ (Frequently Asked Questions) on TritonEd before emailing a question
- \* put BIMM116 or PSYC133 in subject line of all emails

**Lectures:** M/W 5–6:20 WLH 2001

**Course website** – [TritonEd.ucsd.edu](http://TritonEd.ucsd.edu)

Assignments/quizzes/readings etc will all be posted on TritonEd

**Course Topic Overview**

DATE	DAY	TOPIC	LECTURER
9/26	M	Introduction and overview	SG
9/28	W	Rhythmic phenomenology	MG
10/3	M	Fundamental properties of circadian rhythms	MG
10/5	W	Two process sleep and sleep deprivation	SG & MG
10/10	M	Molecular biology/neuroscience primer	SG & MG
10/12	W	Drosophila clock mechanism	SG
<b>10/17</b>	<b>M</b>	<b>MIDTERM EXAM #1 (Lectures 1-6) (In Class)</b>	
10/19	W	Mammalian clock mechanism	PYP
10/24	M	Vertebrate Physiology	MG
10/26	W	SCN Networks	DKW
10/31	M	Vertebrate photoreceptors	MG
11/2	W	Plant Clocks	SG
<b>11/7</b>	<b>M</b>	<b>MIDTERM EXAM #2 (Lectures 7-11) (In Class)</b>	
11/9	W	Human Photoperiodism and psychiatry	MM
11/14	M	Entrainment mechanisms across models	SG & MG
11/16	W	Mammalian clock and metabolism	SP
11/21	M	Extraordinary entrainment	MG
11/23	W	Thanksgiving holiday, no class meeting	
11/28	M	Cyanobacterial clock mechanism	SG
11/30	W	Summary	SG
<b>12/8</b>	<b>Th</b>	<b>CUMULATIVE FINAL EXAM 7-10 PM location TBD</b>	

**Lecturers:** SG = Susan Golden, Biology  
 MG = Michael Gorman, Psychology  
 SP = Satchin Panda, Salk Institute

PYP = Pagkapol Yhew Pongsawakul, Biology  
 DW = David Welsh, Psychiatry  
 MM = Michael McCarthy, Psychiatry

**Grading:** Final course grades will be calculated based on 1000 points (although 1030 points are available).

A = 900 - 1000

B = 800 – 900

C = 700 – 800

D = 600 – 700

F = < 600.

Curving of final grades *may* be used if necessary, but only to *benefit* students (*i.e.*, a more difficult curve will not be used if class performance exceeds expectations). Final 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 275 points, there will be frequent (usually one per week) online quizzes administered through TED on assigned videos and course readings. The purpose of the quizzes is to help you identify the key points in your reading/viewing assignments. These 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 TED closely for due dates.** Credit for late assignments will be significantly discounted. Accommodations will be made for late-enrolling students.

**Discussion section assignments:** Participation in discussion sections is strongly encouraged, contributes to grade, and will be recorded. Points for section participation (15 per session) will be accrued up to 75 points total; Instructional Assistants may assign quizzes that will be turned in to earn participation points.

**Clicker participation:** All students must register an i>Clicker through TED. Most lectures will use this student response system. 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. *In calculating the final course grade, professors do reserve the right to give minor extra credit for points earned in excess of the requirements for students < 0.5% away from the next highest grade.*

**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 TED.

**Drops and Withdrawals:** In accordance with current university policy. The first midterm will be graded in advance of the deadline for dropping without receiving a “W”.

**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. Contact an instructor to make arrangements for university-approved, scheduled absences that coincide with exams.

**Course Improvements:** Your instructors are attempting to improve the learning experience of students in this course. They have received funding to do so through a UCSD Course Development Instructional Improvement

Program (CDIIP) grant and a Howard-Hughes Medical Institute (HHMI) teaching-professorship to SSG. As part of these activities, your instructors are conducting a research study to assess whether the changes made to the course are effective.

Accordingly, you are being asked to participate in the research study that will assess how well students answer individual exam questions and how attitudes towards science change as a result of taking this class. **Regardless of your participation in the assessment study, your course requirements will be the same, and you will be exposed to the same course material.** If you are under 18 years, you may not participate. You are not compelled to participate in the study and there is no penalty for not participating. Similarly, there is no reward for participating, but accurate assessment of the effectiveness of teaching innovations will benefit students who take this course in future years.

You will be given an assignment in TED that asks you to declare whether or not you wish to participate and provides instructions. If you participate, your answers on exam questions will be included in data analyses conducted by your professors. This will require no extra effort on your part and your data will be kept strictly confidential (as they already are for purposes of instruction). Questions may be directed to Professor Susan Golden ([sgolden@ucsd.edu](mailto:sgolden@ucsd.edu)) and Professor Michael Gorman ([mgorman@ucsd.edu](mailto:mgorman@ucsd.edu)). The study has been approved by the UCSD Institutional Review Board.

**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.**