

SPRING 2023

Discovery Seminars

Transfer Exploration, & Discovery+ Seminars:

Please note that if a listed seminar does not last the full 10 weeks, the drop deadline may be sooner.

*There are NO BYPASS' due to "unit standing" given out for Discovery Seminars – no exceptions.

Currently there are no Discovery+ Seminars offered for Spring 2023

Update 2/15/2023

INT 186AE - "SciTrek: improving critical thinking in university students"

- **Seminar Type:** *Transfer Exploration*
- **Department:** Chemistry and Biochemistry
- **Instructor:** Norbert Reich
- **Instructor Email:** reich@chem.ucsb.edu
- **Day - Time - Room:** Wednesday 12:00-12:50 in ILP 3205
- **Enroll Code:** 57331

Course Description: Students will be engaged in running SciTrek modules in local high schools; UC students will be assessed for their improvement in critical thinking as a result of participation

Bio: Chemistry and Biochemistry

INT 186AG - "The First Writers: Exploring Ancient Civilization Through Writing"

- **Seminar Type:** *Transfer Exploration*
- **Department:** Writing Program
- **Instructor:** James Donelan
- **Instructor Email:** donelan@ucsb.edu
- **Day - Time - Room:** Tuesday 2:00-2:50 in GIRV 1106
- **Enroll Code:** 57208

Course Description: This seminar takes students on a tour of the ancient world through its first writing systems: A look at Cuneiform tablets, Egyptian hieroglyphs, Maya carvings, Greek letters, and other systems from different civilizations will show us how writing helped develop everything from architecture to government to religion. We'll also consider how culture is preserved and transmitted without writing and the difference between oral tradition and written records.

Bio: James H. Donelan is a Lecturer in the UCSB Writing Program and the College of Creative Studies Writing and Literature Program. He received his Ph.D. in Comparative Literature from Yale University and is the author of *Poetry and the Romantic Musical Aesthetic* (Cambridge University Press, 2008). He received the 2015-16 UCSB Distinguished Teaching Award for Non-Senate Faculty.

INT 186AL NEW - "Listening to Cumbia"

- **Seminar Type:** *Transfer Exploration*
- **Department:** Music
- **Instructor:** David Novak
- **Instructor Email:** dnovak09@ucsb.edu

- **Day - Time - Room:** **Students will need to be free and attend the evening events on April 11th & 12th**
- **April 7th 1-2:30 PM, Music Library 2406**
- **April 11th 7-10 PM, Pollock Theater**
- **April 12th 9 AM-5 PM (McCune Conference Room), 6 PM-8 PM (TBA)**
- **April 28th 1-2:30 PM Music Library 2406**

- **Enroll Code:** 57216

Course Description: This seminar will focus on the transnational Latinx musical genre of cumbia. The class will be organized around "Listening to Cumbia," an international gathering of cumbia scholars, DJs and archivists on April 11th and 12th at UCSB, and draw from readings and media about the contemporary history and revival of cumbia in Los Angeles. To enroll for this class, you will need to be able to attend all meetings, including the film screening on April 11th, and the all-day conference on April 12th. Please ensure that you can accommodate these events in your schedule before registering.

Bio: I am an ethnomusicologist, musician, and researcher in the Music Department at UCSB. My research examines transcultural relationships of media circulation, which I explore through multi-sited ethnographic research. My current book project, *Diggers: A Media Archaeology of Global Popular Music*, theorizes musical globalization through contemporary histories of digital and analog sound media. I am currently researching networks of record and cassette collectors, informal sound archives, reissue labels and sound recording digitization projects in Southeast Asia.

INT 186AO - "Web-based Robotic Control of Modern Physics Labs"

- **Seminar Type:** *Transfer Exploration*
- **Department:** Physics
- **Instructor:** Deborah Fygenon

- **Instructor Email:** fygenson@ucsb.edu
- **Day - Time - Room:** Friday 10:00-11:50 in Broida 5223
- **Enroll Code:** 61853

Course Description: Evidence that necessitated the development of Quantum Mechanics is not readily observable in daily life. Nor is it easily experienced via lecture demonstrations. Ideally, the curious student re-enacts the key experiments prior to their first QM course. However, schools with few physics majors often lack the resources to make the sophisticated apparatus required available to their students. At UCSB, we “remotified” our Modern Physics apparatus to allow authentic manipulation over a web interface during the pandemic. In this seminar, transfer students will get to interact with the remotified apparatus both on-line and in person and thereby first-hand experience with the underpinnings of QM, as well as learn the elements of CAD/3D printing, robotic control, web interfacing, and pedagogy that went into adapting these experiments for remote instruction.

Bio: Professor Fygenson received her BS in Physics from MIT and her PhD in Physics from Princeton. Her research seeks to understand and control biomolecular self-assembly and to use this knowledge to explore physical routes to the emergence of animate matter. Her teaching focuses on re-conceiving the lower-division laboratory experience of physics majors to emphasize skills essential to experimental research.

INT 186AS - “Fitness & Wellness Leadership”

- **Seminar Type:** *Transfer Exploration*
- **Department:** Exercise & Sports Studies
- **Instructor:** Amy Jamieson
- **Instructor Email:** amyjam@ucsb.edu
- **Day - Time - Room:** Wednesday 11:00-11:50 in RecCen 2103
- **Enroll Code:** 26971

Course Description: This seminar will explore concepts of fitness. Students will receive basic instruction in exercise science and practical application of concepts. The knowledge will allow students to explore the field of fitness and wellness with emphasis on assessment application, exercise development and program design.

Bio: Amy Jamieson is the Department Chair and faculty member at UC Santa Barbara in the department of Exercise & Sports Studies. She has over 20 years experience in the wellness and fitness industry and spends most of her time working as a lecturer and educator. Amy holds a Masters Degree in Exercise and Health Science with an emphasis in performance enhancement and injury prevention. In addition, she is a certified Nutritionist through the AASDN and serves as the MyPlate Ambassador at UC Santa Barbara. Amy is the chair of the ESS Wellness Committee, responsible for creating and implementing student wellness based programs and resources including the upgraded Wellness and Fitness Institute designed to provide a platform for academic learning and student wellness education. Her broad education and experience in the field provides students with numerous fieldwork and hands-on internships in the field of health, wellness and fitness.

INT 186AU - "Museum In The Field: Art, Food, Community"

- **Seminar Type:** *Transfer Exploration*
- **Department:** Writing Program
- **Instructor:** Alison Williams
- **Instructor Email:** alisonwilliams@ucsb.edu
- **Day - Time - Room:** Thursdays 10:00-10:50 in HSSB 2201 ***This seminar has a field trip**
- **Enroll Code:** 61697

Course Description: How do food, the kitchen, farming, organic practices, sustainability, drought, community, and art connect? In this seminar, we will look at local and international farming communities, where food and community farming is as much an art and craft as food production. How might we see these communities as living museums - if a museum can be thought of as a curatorial space that is created for knowledge production in communities, then can farming projects like these be considered museums? (This seminar will include a field trip to a local farm.)

Bio: Alison Williams is a writer and ceramic artist from California, a place that deeply influences her work. She is a full-time Lecturer in the Writing Program at UC Santa Barbara, where she teaches courses that stem from her background in public relations and brand strategy for entertainment and advertising. Williams has an MFA in Creative Writing and MA in English, and is pursuing a PhD in research-based creative practice. Her research engages feminist and queer rhetorical theory, media cultures and communication, and ecological thinking, and her work has been presented in spaces including Peitho Journal, the Journal of Multimodal Rhetorics, *Levure Litteraire*, *World Literature Today*, Interdisciplinary Humanities Center Platform Gallery (UCSB), and the Hilbert Museum of California Art.

INT 187AL - "Community-based Participatory Research for Health and Social Justice"

- **Seminar Type:** *Transfer Discovery*
- **Department:** ISBER & Feminist Studies
- **Instructor:** Melissa Smith & Laury Oaks
- **Instructor Email:** melissasmith@ucsb.edu, oaks@femst.ucsb.edu
- **Day - Time - Room:** Friday 12:00-1:50 in Education 1203
- **Enroll Code:** 65110

Course Description: This Seminar weaves together the theory and practice of Community-based Participatory Research (CBPR), which is grounded in principles of social justice. Undergraduate students will work with faculty, graduate students, and community partners to develop team-based projects focused on priority issues of health equity. Participants will learn skills necessary to participate effectively in CBPR projects, applying these within the context of underrepresented populations living in California. Students interested in participating in ongoing collaborative team efforts can continue to be engaged in research opportunities that will be offered in the first summer session and fall, 2023.

Bio: **Melissa Smith** (she/her) is Director of Health Equity Initiatives and instructor of CPBR at UCSB. She is a physician who has worked in low-income communities in the US and Latin America for three decades. She has

been involved in CBPR with local partners, in efforts to address health concerns of historically marginalized communities in Santa Barbara County. Dr. Smith has served as medical editor and writer for Hesperian Health Guides, who produce widely used public health manuals on community health and empowerment, accessed in many languages by people around the globe on Hesperian's open-source digital platform.

Laury Oaks (she/her) is Professor of Feminist Studies at UC Santa Barbara. With a background in anthropology and public health, her research has focused on sexual and reproductive health community-based movements, including abortion politics in the U.S., Ireland and Japan as well as activism on college campuses. With UCSB Professor Tania Israel, she conducted a 3-year LGBTQ Community-Based Participatory Action (CBPR) project. Currently, she is a co- advisor for the Preserve Abortion Access California Taskforce, addressing SB 24's mandate for UCs and CSUs to offer medication abortion care and a co-researcher analyzing Ethnic Studies pedagogy in Santa Barbara high schools.