

Fall 2024

Transfer Discovery & Discovery+ Seminars

Update 7/25/2024

INT 186AC – “Formerly-Incarcerated Students at UCSB and Issues Facing the Carceral Community at Large”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Writing Program
- **Instructor:** Peter Huk
- **Instructor Email:** phuk@ucsb.edu
- **Day - Time - Room:** Wednesday 12:00-12:50 in HSSB 4202
- **Enroll Code:** 72108

Course Description: This seminar will introduce students to a number of issues impacting the formerly-incarcerated student population at UCSB. We will also cover a brief historical overview of the prison industrial complex, a study of select debates on federal and state policies, and a review of literature, journalism, and art issuing from the carceral community within the United States. Majid Mohammad, a graduate student in Physics, and Melissa Ortiz, the coordinator of Gaucho Underground Scholars, will provide their perspectives and expertise as they co-facilitate discussions throughout the quarter.

Bio: Peter Huk teaches a variety of writing classes, primarily the engineering writing sequence, Writing for Global Careers, Writing for Film, and Writing for the Humanities. His pedagogy and research interests include contemplative inquiry and reflection in the writing classroom, representation in documentary film, and prison pedagogy.

INT 186AH – “A place, a grape, and a love story: the science behind the perfect pairing of Santa Barbara and Pinot Noir”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Chemistry and Biochemistry
- **Instructor:** Faye Walker
- **Instructor Email:** fayewalker@ucsb.edu
- **Day - Time - Room:** Tuesday 11:00-11:50 in HSSB 1231
- **Enroll Code:** 71563

Course Description: Thin-skinned. Temperamental. Complex. Such is the *vitis vinifera* grape variety Pinot Noir. This sought-after fruit demands exact, specific circumstances in order to thrive. In particular, the cool viticultural regions of Santa Barbara are an ideal fit. The high cost of maintaining Pinot Noir vineyards means that all production decisions are important. The aim of this course is to scientifically link growing conditions, agricultural interventions, and winemaking processes to the profile of local Pinot Noirs. In honor of the 20th anniversary of the movie *Sideways*, we will examine how its praise of SB Pinot Noir has affected consumers and winemakers alike.

Bio: Faye Walker teaches modern biochemical methods in the Department of Chemistry and Biochemistry. Her publications appear in peer-reviewed journals, textbooks, patents, and newsletters. She has worked in the chemical trade under international conglomerates and small start-ups—always with an eye for applications that promote human health and wellness. A lifetime of training in the liberal arts and the technical sciences has given her an appreciation for the production and consumption of man-made beverages as a universal aspect of culture and cultivation.

INT 186AP – “Crafting on Campus”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Writing Program
- **Instructor:** Martha Webber
- **Instructor Email:** mwebber@ucsb.edu
- **Day - Time - Room:** Tuesday 3:00-3:50 in HSSB 1236
- **Enroll Code:** 72116

Course Description: What kind of crafting practices have groups embraced to make an impact? This seminar explores craft projects created to foster reflection, make connections, and challenge perspectives (with a focus on projects displayed on college campuses). We'll view examples of these projects through online image databases, documentaries, and short readings. We'll also visit and craft in the UCSB library Makerspace during a seminar session. You'll practice sewing, embroidery, and knitting stitches to make at least one crafted item and write a reflection about it. No previous craft experience needed and all materials provided.

Bio: Martha Webber teaches Writing 1, 2, 105PD, 107B, and 107WC for the UCSB Writing Program. She has a PhD in English with a specialization in Writing Studies from the University of Illinois at Urbana-Champaign (and even an AA in Fashion Design). Her research on nonprofit arts and crafts organizations and literacy sponsorship has been published in *Reflections: A Journal of Community-Engaged Writing and Rhetoric*. Her creative writing, including short humor, has appeared in journals including *Slackjaw*, *Paper Darts*, and *Bending Genres*.

INT 186AX – “Climate Change Education: Schools, Communities, and Conversations”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Education
- **Instructor:** Danielle Harlow
- **Instructor Email:** danielle.harlow@ucsb.edu
- **Day - Time - Room:** Friday 1:00-1:50 in ED 1203
- **Enroll Code:** 61440

Course Description: In this class, we will investigate how climate change is directly impacting schools and communities. We will consider the decisions schools and communities make when deciding on how they will ensure that their schools and communities are resilient to increasing risks. You will learn practical skills in talking about climate change and engaging youth in taking action to create a more sustainable world.

Bio: Danielle Harlow is a professor of STEM Education at UC-Santa Barbara where she works with educators to develop the capacity of youth to innovate a more sustainable and just future. Her work focuses on teacher development and student learning in science. Her work connects classroom educators and informal education institutions to research and create programs and curricula. She has a Ph.D. in Education from the University of Colorado, Boulder, an M.S. in Geophysics from Stanford (now the Doerr School of Sustainability) and a B.S. in Physics from Valparaiso University. She is the Director of the UCSB Certificate in College and University Teaching (CCUT), Affiliated Faculty for the Interdisciplinary PhD emphasis in Climate Science and Climate Change, and Associate Dean of faculty development for the Gevirtz Graduate School of Education.

INT 186AY – “Personal Fitness Program Development”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Exercise & Sport Studies
- **Instructor:** Amy Jamieson
- **Instructor Email:** amyjam@ucsb.edu
- **Day - Time - Room:** Wednesdays 8:00 - 8:50 in Recen 2128 and 9:00-9:50 in RobGym 1430 **This seminar will meet for the first 5 weeks of the quarter only**
- **Enroll Code:** 71688

Course Description: Students will explore concepts of personal fitness and Personal Training. Students will receive basic instruction in exercise science and perform practical application of goal setting, exercise development, and program design. The course information will allow students to explore the field of fitness and wellness with an emphasis on exercise development and program design.

Bio: Amy Jamieson is a professor and industry leader in the promotion of health, wellness, and exercise prescription. She currently teaches in the Department of Exercise & Sport Studies at the University of California Santa Barbara. Amy has been actively involved in the field of exercise science as a lecturer and role model at UCSB for over twenty years. During this time she has trained hundreds of fitness professionals, developed curriculum, supervised student interns and fitness instructors, and served on numerous campus and community committees. Amy is active on the national and international stage as an annual presenter and attendee at various national and international wellness & fitness conferences. Professor Jamieson is board-certified in Nutrition through AASDN; Personal Training and Performance through NASM and Fitness Instruction through Schwinn and ACE. She is also a Certified ACE Health Coach and an ACE master instructor for the accredited program. Amy has become a leader in the growth and development of online education at UC Santa Barbara and the UC system. Professor Jamieson is well recognized as innovative and forward-thinking and therefore is the recipient of numerous educational grants.

INT 186BM – “Religion and Spirituality”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Religious Studies

- **Instructor:** Joseph Blankholm
- **Instructor Email:** blankholm@ucsb.edu
- **Day - Time - Room:** Wednesday 2:00-2:50 in HSSB 1237
- **Enroll Code:** 72702

Course Description: This seminar introduces students to how scholars think about religion and spirituality, which is different from our everyday understanding. Each week covers a different topic, such as belief, prayer, meditation, mysticism, ritual, scriptures, cults, etc. Seminar sessions focus on conversation and learning from one another. There will be a field trip to a site of religion or spirituality in the Santa Barbara area.

Bio: Joseph Blankholm is Associate Professor of Religious Studies at the University of California, Santa Barbara. His research focuses on the variety among the nonreligious, including atheism, agnosticism, and spirituality. He is also interested in secularism and how religion and government interact.

INT 186BO – “Werewolf”

- **Seminar Type:** *Transfer Discovery*
- **Department:** English
- **Instructor:** Heather Blurton
- **Instructor Email:** heatherblurton@english.ucsb.edu
- **Day - Time - Room:** Monday 2:00-2:50 in HSSB 1233
- **Enroll Code:** 72652

Course Description: From Ovid to Dungeons and Dragons, the werewolf has long history in literature, film, and games. The werewolf, that is, a man who transforms into a wolf, embodies themes of transformation, sexuality, and the relationship between humans and beasts, good and evil. This class will survey short werewolf fiction, including Ovid's "Metamorphoses," Marie de France's medieval "Bisclavret," witch-hunting manuals, Angela Carter's feminist rewritings in "The Bloody Chamber," classic movies and role-playing games.

Bio: Heather Blurton teaches medieval literature in the English Department. She has written books on medieval cannibals, saints, and Richard the Lionheart.

INT 186BP – “Introduction to Soils of the Central Coast”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Environmental Studies Program
- **Instructor:** Iris Holzer
- **Instructor Email:** irisholzer@ucsb.edu
- **Day - Time - Room:** Monday 5:00-6:50 in HSSB 4202 on October 7th and 14th only. * This seminar has a fieldtrip on Saturday October 12th from 9:00am - 4:00pm
- **Enroll Code:** 72660

Course Description: Soils are the dynamic skin of the Earth, where a multitude of chemical, physical, and biological processes come together to support human health, agriculture, thriving ecosystems, and complex landscapes. This seminar will introduce transfer students to the diverse discipline of soil science, with a focus on viewing local soils during a Saturday field trip. Our meeting before the field trip will cover field safety, set

community expectations, and provide an overview of our local Central Coast soils and their formation. Students will have opportunities to reflect on the intersections of soils with their other interests or desired career paths.

Bio: Hi everyone! My name is Iris Holzer (she/her), and I am an Assistant Teaching Professor in the Environmental Studies Program, where I specialize in soils and environmental chemistry. I'm originally from Mississippi and Missouri, but I came to California for college and got my B.A. in Geology from Scripps College. I completed my Ph.D. in Soils & Biogeochemistry at UC Davis in 2023, where I studied rock weathering in the soils of agricultural and natural systems. My primary area of focus is enhanced rock weathering for carbon removal. I'm happiest digging or doing field work, and I'm committed to fostering supportive, safe, and engaging field experiences for students at every stage.

INT 186BQ – “Cognitive Approaches to Writing”

- **Seminar Type:** *Transfer Discovery*
- **Department:** Writing Program
- **Instructor:** Jessica Zisa
- **Instructor Email:** jessicazisa@ucsb.edu
- **Day - Time - Room:** Tuesday 11:00-11:50 in HSSB 3202
- **Enroll Code:** 72694

Course Description: This seminar will explore cognitive approaches to the study and practice of writing. Students will be introduced to the multidisciplinary study of cognition and its application in composition and literary studies. Through selected readings and seminar discussions, we will examine the historical context of cognitive studies and what a '4E cognition' approach can contribute to the study of writing, literacy development, and transfer. This course will also invite students to reflect on their own writing and reading practices and develop a deeper awareness of their thinking and learning processes to carry with them through their UCSB studies and beyond.

Bio: Jessica Zisa holds a Ph.D. in English Literature and is a lecturer in UCSB Writing Program. Her research and teaching interests explore the interdisciplinary boundaries between writing and cognitive studies, affect theory, gender studies, and premodern women writers.

INT 186BR – “Generative Artificial Intelligence - Who is who and what is what”

- **Seminar Type:** *Transfer or First Year Discovery*
- **Department:** Computer science
- **Instructor:** Yuanfang Wang
- **Instructor Email:** yfwang@cs.ucsb.edu
- **Day - Time - Room:** Tuesday 1:00-1:50 in HSSB 2201
- **Enroll Code:** 72678

Course Description: Generative artificial intelligence (GAI) burst onto the world stage with OpenAI's announcement of GPT 4 back in late 2022. Since then various players (OpenAI, Google, Anthropic, Meta, Microsoft, etc.) and systems (GPT, Claude, Gemini, Stable diffusion, Sora, etc.) have joined the fray pushing to realize the goal of AGI (Artificial general intelligence) with GAI gathering the most attention. This seminar will introduce participants to who(s) and what(s) out there in GAI.

Bio: Professor Wang's research focuses on artificial intelligence, machine learning and computer vision. He has taught both undergraduate and graduate courses in machine learning, computer vision and generative artificial intelligence in the Computer Science Department. This seminar will distill contents from those AI and ML related courses to give entering students some exposure to the hot research fields of generative AI and artificial general intelligence.

Discovery+ Seminars – 2 instructors

INT 187AN – “An Ecological Tour of UC Santa Barbara”

- **Seminar Type:** *Transfer Discovery+*
- **Department:** Geography and EEMB
- **Instructor:** Anna Trugman and Leander Anderegg
- **Instructor Email:** att@ucsb.edu, landeregg@ucsb.edu
- **Day - Time - Room:** Tuesday 3:00-4:50 in ARTS 1356
- **Enroll Code:** 71670

Course Description: This Discovery Seminar will explore the local ecology and ecological research surrounding us on the UC Santa Barbara campus from the intertidal to the Santa Ynez Mountains and beyond. This class provides students the opportunity to get to know the local ecological processes that surround UCSB and the ongoing research on these systems. Each class is a field trip on or near campus to visit different areas of ecological importance.

Bio: **Anna** grew up in the southern Rocky Mountains in Northern New Mexico. She received a BS from Stanford University in Geological and Environmental Sciences, a Ph.D. from Princeton University in Atmospheric and Oceanic Sciences, and was a USDA NIFA Postdoctoral Fellow in the School of Biological Sciences at the University of Utah. Anna has been an Assistant Professor in the Department of Geography at UCSB since 2019. Professor Trugman's research focuses on how changes in climate and water availability affect ecosystem diversity, productivity, and resilience across large spatial scales.

Leander grew up in rural Colorado, and have spent much of my life trying to justify spending time in the woods. I received a BA in Human Biology from Stanford University in 2011, and got hooked on research while performing honors research on the water use of trembling aspen trees. I went on to study plant ecology with Janneke Hille Ris Lambers at the University of Washington. I received a PhD in Biology from the UW in 2017, with my dissertation focusing on within-species physiological variation and species geographic range constraints. Before joining EEMB at UCSB, I spent two years as an NSF Biological Collections postdoctoral fellow and two years as a NOAA Climate and Global Change fellow working jointly with Todd Dawson (UC Berkeley) and Joe Berry (Carnegie Institution for Science) studying plant responses to global change through a lens of drought physiology and remote sensing.

INT 187AO – “The Art and Science of Autobiographical Storytelling”

- **Seminar Type:** *Transfer Discovery+*
- **Department:** Writing Program and Psych and Brain Sciences

- **Instructor:** Ellen O'Connell Whittet and Nicole Alea Albada
- **Instructor Email:** whittet@writing.ucsb.edu, nicole.albada@psych.ucsb.edu
- **Day - Time - Room:** Tuesday 9:00-10:50 in ILP 3312
- **Enroll Code:** 71555

Course Description: This seminar will bring together the science behind remembering the personal past and the implications of remembering for psychological outcomes, and the process of writing autobiographical stories. Writing autobiographical stories provides us with a chance to make meaning from the raw materials of our life. These raw materials are not verbatim recollections but are versions of an event that are reconstructed in an effort to meet the psychological goals of the self. Over the quarter, we will study different writers' crafts, looking at the writing decisions they have made, gathering a repertoire of tools to practice on our own and put those tools to use. We will then explore the process that psychological science uses to find themes in these works that say something about human personality and behavior by reading empirical articles and content-coding written narratives. We will look at every piece, both published and written by peers, with the aim of understanding the motives of the storyteller, and learn how to develop our own unique voices and a stronger sense of narrative rhythm and pacing necessary for effective storytelling.

Bio: Ellen O'Connell Whittet - I received my BA in Literature and French from UC Santa Barbara, and then earned my MFA in nonfiction writing from Sarah Lawrence College, with an emphasis on memoir and oral history. I have been teaching at UCSB since 2011, and have published essays and journalism all over, including Time, Vogue, The Paris Review, The Atlantic, New York Magazine, and BuzzFeed. I am the author of a memoir about ballet and injury, *What You Become in Flight* (Melville House 2020). My research interests include embodied pedagogy and writing and the intersection of journalism and creative writing. I teach classes in the Writing Program and CCS Literature & Writing in journalism, memoir, service learning, writing about visual arts and humanities, and publishing. I will be teaching you the Art behind autobiographical storytelling.

Nicole Alea Albada- I am an Associate Teaching Professor in the PBS Department. I received my BS in Psychology from the University of Florida. I continued at the University of Florida, earning my PhD in Developmental Psychology, with an emphasis on adult development and aging. I am the director of the Thinking About Life Experiences (TALE) Lab, which explores why and how people remember events from their life, the implications of sharing autobiographical stories with others, and the links between remembering the personal past and psychosocial well-being across adulthood and cultures. I am also the Director of Education and Outreach for the Center for Aging and Longevity Studies (CALs). I teach mostly research methods and statistics for psychology pre-majors. I will be teaching you about the Science behind autobiographical remembering and storytelling.