



PHOTO COURTESY CSUF NEWS MEDIA SERVICES

The Kinesiology and Health Sciences Building on the Cal State Fullerton campus

ADMINISTRATION

NEW DEAN EXCITED ABOUT RESEARCH, SERVING FIRST-GENERATION STUDENTS

Barbosa-Leiker to head Health, Human Development

By Lou Ponsi
contributing writer

Celestina Barbosa-Leiker will soon be back in familiar surroundings. Barbosa-Leiker, a longtime resident of Orange County, has been appointed dean of Cal State Fullerton's College of Health and Human Development.

For the past 14 years, Barbosa-Leiker has been an educator at Washington State University, serving as executive vice chancellor and professor in the College of Nursing at WSU Health Sciences Spokane for the past 17 months.

When she steps into her new role at CSUF on July 1, Barbosa-Leiker will oversee 7,000 students and more than 365 faculty members in the College of Health

and Human Development.

Barbosa-Leiker was drawn to CSUF's College of Human Development, in large part, because of the college's commitment to meet the health care workforce needs of the region and its contributions to research, along with its emphasis on serving first-generation students.

When researching whether CSUF would be a good fit, Barbosa-Leiker was "blown away" upon discovering that the university is among the most affordable in the nation and is ranked No.1 in California and No.3 in the nation for the number of underrepresented undergraduate students among the student population.

"I was really inspired by that and really ... coming from community college as a transfer student, and understanding that experience, all of that completely

resonated with me with who I am and with my internal values." Barbosa-Leiker said. "The college is uniquely situated to help the region and really beyond too."

The College of Health and Human Development offers degrees in child and adolescent studies, kinesiology, counseling, human services, nursing, public health and social work.

"Celestina has a strong sense of our mission for moving the college forward," said Amir Dabirian, provost and vice president for academic affairs. "I am confident that our campus community will welcome her with open arms."

Barbosa-Leiker was born and raised in the San Gabriel Valley before moving to Anaheim.

She attended Mt. San Antonio College in Walnut and Fullerton Community College.

The soon-to-be dean went on to earn a master's degree and doctorate in psychology from Washington State University and completed a postdoctoral fellowship in substance abuse from that university.

Prior to attending WSU, Barbosa-Leiker earned a bachelor's degree at Bridgewater State University in Massachusetts.

Much of Barbosa-Leiker's research has centered around substance use in underserved populations, including gender differences in the measurement of opioid withdrawal, relapse while in treatment and predictors of relapse.

"We're seeing that in really high proportions across a lot of demographic groups," Barbosa-Leiker said. But certainly, since the pandemic, these health disparities that have existed for so long have just been exacerbated, and behavior

DEAN » PAGE 5

MARINE ECOLOGY

Local oyster increase linked to climate change, research finds

Students publish work in science journal

By Nicole Gregory
contributing writer

An increase in non-native Pacific oyster density in Newport Bay correlates with warmer summer seawater temperatures, marine ecology students taught by professor Danielle Zacherl at Cal State Fullerton have discovered. Their research, just published in the science journal PLOS ONE, describes a phenomenon that is also taking place elsewhere around the world.

The paper was published in May and was co-authored by 13 senior and graduate students with the guidance of Zacherl and biology professor William Hoese.

Zacherl has studied population demographics of the non-native Magallana gigas oyster, commonly known as the Pacific oyster, as well as the native Olympia oyster, in local estuaries for years.

"Pretty early in my career, I understood that we had this Pacific oyster present in our estuaries," she said. "I wanted to start up a research model at the Cal State that could support a lot of undergraduate involvement in research. I started doing some basic monitoring of populations on both oyster species. And so I have these really nice, long-term datasets that extend pretty far back in time."

Students in her marine ecology class used these datasets that Zacherl had created as the starting point for their research. "Every time that I teach that class, we take some of my long-term datasets and we expand them by going out and doing some more monitoring." Following this work, students typically make a presentation of their findings.

"I had this particularly motivated cohort of students, who are many of the

student co-authors on this particular paper," she said. "They just went above and beyond."

The students observed a massive increase in the density of the Pacific oyster in one specific location in Newport Bay. (This oyster is the kind that is widely grown with aquatic farming and eaten by seafood lovers, but Zacherl and her students only studied oysters growing in the wild which are typically not harvested for food.)

"The students went and got publicly available data and correlated it with this increase in summer seawater temperatures," Zacherl explained. "They were reading in the scientific literature that elsewhere in the world, the Pacific oyster increased at a variety of locations and especially in Europe during periods when there were lots of warm summers."

This connection got their attention. "They effectively saw a parallel pattern happening here in Southern California," Zacherl said. "It was based on those presentations that I decided, yeah, it's time

ECOLOGY » PAGE 2



PHOTO COURTESY CSUF NEWS MEDIA SERVICES
Danielle Zacherl, professor of biological science, leads the oyster study.

#2

Online Master's **BUSINESS PROGRAM** in California

■ U.S. News & World Report, 2023

Cal State Fullerton

SYMPOSIUM

Examining the use of artificial intelligence in higher education

Discussion: 22 sessions, 31 speakers

By Lou Ponsi
contributing writer

Educators from multiple universities shared their insights and research on expanding the use of artificial intelligence in higher education in a daylong symposium hosted by CSUF's Office of Academic Affairs

The April 30 seminar, "All AI 2024 - Envision Tomorrow: Exploring AI's Role in Higher Education," at the Polak Library consisted of three tracks - AI Changes in the Curriculum, AI Pedagogy Changes and AI Knowledge Base - and was divided into 22 sessions with 31 speakers discussing all aspects of AI's impacts on teaching and learning.

Amir Dabirian, provost and vice president for academic affairs at CSUF, said integrated AI in ways that "genuinely enrich and ready our students for the future while advancing our educational objectives" is crucial for the university.

"It is really exciting to talk about AI and about our university moving forward," Dabirian said. "This is a very comprehensive AI conference."

With a rapidly changing landscape, equipping CSUF graduates with an understanding of AI technologies is a necessity, Dabirian said.

Over the course of one week leading up to the conference, 800 faculty members and 4,000 students responded to a survey related to AI technology.

The survey revealed that about 90% of faculty and students were concerned with AI's impact on ethics, privacy and long-term societal impacts.

A slightly lower percentage of students (67%) compared with faculty (78%) agree that AI will become an essential part of most professions.

More students than faculty are concerned about AI's impact on job security (74% of students compared with 65% of faculty).

Donna Budar-Turner and Emeline

Yong, director and assistant director, respectively, of CSUF's Office of Student Conduct, led a session titled "When AI Collides with AI: The Intersection of the Use of Artificial Intelligence and University Standards for Academic Integrity."

The Office of Student Conduct investigates allegations of academic dishonesty.

According to its mission statement, the Office of Student Conduct supports student well-being and approaches misconduct as "an opportunity for holistic student development."

The office "fosters student learning, facilitates reparation of harm caused by a student's conduct."

The presentation from Budar-Turner and Yong juxtaposed technology accessed by students in 2020 that could potentially be used for cheating along with resources available to faculty to determine whether cheating had occurred, with the advanced AI technology available to students in 2024 and the challenges it presents to faculty for discerning academic integrity.

Budar-Turner and Yong said that student use of artificial intelligence to create or revise work submitted for evaluation can be "a slippery slope for scholarly communities to navigate."

"Can students use AI in preparing their assignments? Yes, they can, and they do," the presenters said. "May they use AI in preparing their assignments? That depends on you, the instructor, and the parameters you set in your courses."

Budar-Turner and Yong encouraged educators in attendance to respond to every breach of academic integrity, especially breaches perpetrated by AI, to ensure the integrity of a CSUF degree and maintain a level playing field for students.

Students should be made aware of the benefits of "researching, analyzing, critically thinking, and practicing the range of skills that academic assignments encourage students to exercise."

CSUF art professor Chen Wang delivered a presentation titled "AI Integration in Graphic Design Education."

Wang discussed the ways students can incorporate AI technology into their design process.



PHOTO COURTESY CSUF NEWS MEDIA SERVICES

Using artificial intelligence and augmented reality tools, art students created fantastical avatars that guide visitors through a virtual garden in the Arboretum and Botanical Garden at Cal State Fullerton.

"By guiding students to critically evaluate AI-driven design solutions and consider ethical implications, we prepare them to navigate the complexities of the evolving digital landscape with confidence," Wang said. "This project demonstrates our efforts to harness AI's potential in creating effective design solutions."

AI is a tool to achieve design goals and meet users' specific needs, Wang said.

For children, AI can be used to create content suitable for children of all cognitive abilities and be used to design game elements to ensure learning through play, the professor said.

AI can be used to generate background

music based on the user's music taste and preference, voice-based guides for breathing exercises, and yoga practice to help users relax, Wang said.

Other CSUF presenters included: Shelli Wynants, professor of Child and Adolescent Studies; Nicole Seymour English professor; Thomas May, assistant economics professor; Leslie Bruce, lecturer in the Department of English, Comparative Literature, and Linguistics; Bruce Swanlund, Writing Center supervisor; Nancy Watkins, director, Educational Doctorate Program and associate professor, Educational Leadership; Todd Taylor, Senior Strategic Development Manager for Higher Education.

Ecology

FROM PAGE 1

to write up a paper about this."

As scientists, students did not make a judgment about whether this increase in the Pacific oyster population points to good or bad consequences for the local waters, she said.

"I would predict that they're going to continue to increase," said Zacherl of the Pacific oysters. "They're such a large oyster, and they are definitely a reef-forming oyster. And so, it will be impossible for them not to have an impact on Southern California estuaries. But whether we would characterize the impact as positive or negative remains to be seen," she said.

Oysters provide many advantages for the environment, such as their water filtration capacity, she explained. Another is that they create reefs with their bodies that other species can live in.

"They're considered foundation species," Zacherl explained. "They basically build a whole community around the habitat that they build with their own bodies by cementing to one another and building this reef-like structure - an important source of habitat for lots of juvenile fishes and crabs."

Oyster reefs can also provide erosion control. "Because the reefs have three-dimensional structure, they can slow the water velocity," Zacherl said. "That means that not only is less sediment swept away from the shoreline or eroded away. But also, they actually encourage sedimentation by slowing the water velocity so that small particles can fall out of the water column and settle."

Today, because habitats are disturbed by human activity, oysters in Southern California waters exist mostly on hard, man-made structures, according to Zacherl. "They settle on seawalls and on pier pilings. Even though they're very common, they aren't allowed the space anymore to form those complex reefs," she said. "There's very little attention put to growing that habitat again."

Early in her life, Zacherl knew she wanted to study the natural world. "I used to go on forest walks with my mother, and that abiding love for biology stuck around all the way through when I started college," she said.

She received her undergraduate degree at Brown University and taught high school for five years before going to graduate school at UC Santa Barbara, where she got her doctorate in ecology, evolution and marine biology. She has taught at Cal State Fullerton for 20 years.



PHOTO COURTESY OF DANIELLE ZACHERL

Co-authors Ty Frantz, front, and Chelsea Bowers-Doerning survey Pacific oyster density on a chain-link fence in San Diego Bay.

Enrolling **TRANSFER STUDENTS** in California

■ U.S. News & World Report, 2023

Cal State Fullerton

CSUF SECTION STAFF

Managing Editor: Jennifer Karmarkar
Project Manager: Caitlin Adams
Creative Director: Tom Halligan
Senior Graphic Designer: Ken Abbott
Copy Editor: Paul Davenport
Director of Communications: Caroline Wong

Have a story idea or comment for the section? Contact Caroline Wong at cawong@scng.com or 714-796-2202

The Cal State Fullerton community section is produced by The Orange County Register for the benefit of its subscribers. While the university is the section's primary advertising sponsor, all editorial decisions are independent of the university's control.

Published on select Thursdays by The Orange County Register 1920 Main Street, Suite 225 Irvine, CA 92614 ocregister.com/cal-state-fullerton

SOCIAL SCIENCES

New humanities dean is bringing history mainstream

Her interim role made permanent

By **Jenelyn Russo**
contributing writer

After serving as interim dean since January, Cal State Fullerton history professor and author Jessica Yirush Stern has been named dean of the university's College of Humanities and Social Sciences as of June 1. A member of the Titan community since 2007, Stern has also served as associate dean for student relations and as chair of the Department of History.

Stern credits her journey to becoming a historian for much of her vision in this new role. A self-described shy person whose father was a lawyer and mother a microbiologist, she approached her undergraduate studies at Reed College, a small, liberal arts school in Portland, Oregon, as an exploratory experience. After taking an early American history general education course, she was drawn to the idea of pursuing history as a career path.

"Once I realized that what history is trying to understand is what are the conditions that allow folks to change their mind or societies to change their mind, or what are the conditions that prevent change from happening, I looked at it more as the social and intellectual and cultural changes and continuities," Stern said. "I fell in love with history."

Once Stern arrived at CSUF, she found a community within the Department of History that was creative, vibrant, innovative and nurturing. Although she figured she would spend her time primarily working solo in the dusty archives, she discovered a strong interest in developing curriculum that aims to help students thrive. As such, she joined several general education committees on campus and found herself on the administrative path.

"As I got older in my profession, I realized that I actually did like working with people more," Stern said. "It occurred to me that going into administration might



PHOTO COURTESY CSUF NEWS MEDIA SERVICES

Jessica Yirush Stern, dean of the College of Humanities and Social Sciences at CSUF

be a better path for me because it gave me more opportunities to work collaboratively with people."

One of the key programs Stern has helped develop in the general education sphere is CSUF's Explore Core, courses that challenge students to not look at general education classes as strictly "filler," but as opportunities to explore various topics through a range of different instructors and lenses.

"Instead of it being ancillary and something you just tack on, if you take general education seriously, you are learning how to approach problems

from multidirections," Stern said.

Another of Stern's contributions to the university while in the associate dean role is Passage to the Future, a program for humanities and social sciences students to more seamlessly connect with employment opportunities. This effort feeds into one of her main goals as dean — to dispel the myth that humanities and social science degrees don't have a career path and to show both students and community members what those career paths are.

"When you look at the data of what businesses say they need, they say they

want somebody who communicates well, who's a critical thinker and who knows how to do data analysis," said Stern. "Our students in the humanities and social sciences are broadly trained in those skills."

Another area of focus for Stern, and one where she sees some real momentum building, is making sure that the College of Humanities and Social Sciences is more connected to the community.

"Even though the signature of the humanities is to help folks answer these very central questions, like what is value, what is justice, what is truth, as a lot of our academic fields have developed we've gained a reputation for just speaking to ourselves and not being legible to a general public," Stern said. "I want to dispel that, and I want to start opening up our doors to more community events."

As an example, Stern helped bring a lecture panel to campus last fall that discussed Gaza, Hamas and Israel, one of the first of its kind locally at the time. She also sees opportunities for storytelling and connection through CSUF's Lawrence de Graaf Center for Oral and Public History.

"At the core, the humanities are trying to look at how people tell stories, how society tells stories," Stern said. "We're training students in the art of storytelling, story collecting, and having them go back to their communities and collect and highlight these stories."

With more than 8,500 graduate and undergraduate students, 19 departments and 44 degree paths, the College of Humanities and Social Sciences is one of the largest colleges on campus, and Stern is looking forward to seeing how both the college and the university will continue to be a catalyst for achieving excellence through diversity.

"I think one of the things that makes Cal State Fullerton and the College of Humanities so remarkable is that our excellence is rooted in our diversity and our ability to nurture, inspire and help enable our students," Stern said. "Our academic fields push into new directions because we are bringing diverse voices into those fields and pushing those fields forward."

FACILITIES

Landmark Hall: A new era dawns with groundbreaking

CSUF News Media Services

An exciting new chapter in the life of the Cal State Fullerton College of Business and Economics dawned on June 5, as more than 100 alumni, friends, donors, faculty and staff gathered for the groundbreaking of a new building, Landmark Hall, which will become the leadership hub of Orange County and the West Coast.

The more than 20,000-square-foot trilevel state-of-the-art building situated adjacent to the business college building will greatly benefit students and the Orange County business community in the development of the next generation of transformational community, corporate and thought leaders by providing a needed space for mentoring, training, development and cultivation of the human resources of Southern California's most prestigious county.

As one of the first buildings on the Cal State Fullerton campus to be largely privately funded, Landmark Hall serves as a role model for infrastructure development across the campus and the California State University system.

"Thought leadership is in our DNA. We are in the business of changing lives. And we can provide these opportunities for all students from Cal State Fullerton as the Center for Leadership finds a new home in Landmark Hall," said Sri Sundaram, dean of the College of Business and Economics.

Among the dignitaries speaking at the groundbreaking were Cal State Fullerton President Sylvia Alva, Associate Vice President for Capital Programs and Facilities Management Sarab Singh, Vice President for University Advancement Kimberly Shiner, Center for Leadership Director and Management Professor Jay Barbuto, and esteemed donors and friends Terry Giles and Charlie Zhang.

In attendance were local government representatives including U.S. Rep. Lou Correa '80 (B.A. economics), Fullerton Mayor Pro Tem Fred Jung and Councilwoman Shana Charles, who represents the Cal State Fullerton campus and surrounding neighborhoods. Representatives from the offices of other assembly members and representatives were also on hand. Company officials from Landmark Worldwide, an internationally recognized personal and professional leadership training educational corporation, were also on hand for the groundbreaking.

Made possible through the philanthropic support of alumni and friends such as Giles, the new home for the Giles-O'Malley Center for Leadership will provide classroom space for leadership courses, meeting rooms for community leadership education with Orange County companies, a repository of the leadership materials of experts in the Erhard Institute for Leadership Studies, and so much more.

Through the education they receive here, Cal State Fullerton students, many of them the first in their families



PHOTOS COURTESY CSUF NEWS MEDIA SERVICES

From left, Amir Dabirian, provost and vice president for academic affairs; Sridhar Sundaram, dean of the College of Business and Economics; Charlie Zhang, Giles-O'Malley Center for Leadership Board of Directors member; Terry Giles, CSUF Philanthropic Foundation Board of Governors member, and his wife, Kalli O'Malley; Sylvia A. Alva, university president, and Jay Barbuto, director of the Giles-O'Malley Center for Leadership, pose at the groundbreaking.



Sri Sundaram, dean of the College of Business and Economics



Alum Terry Giles speaks at the June 5 groundbreaking for Landmark Hall.

to achieve a college education or from historically underrepresented demographics, will see a radical transformation of their life trajectories toward personal achievement and giving back to the broader community.

"I'm so lucky to come here on a debate scholarship and see what this college and university has become over the past 50 years," said Giles, a visionary

who along with his friend Joe Modrow, a 1970 bachelor's degree graduate in economics, helped establish the Center for Leadership back in 2010. "Fifty years from now, if people want to study the work done by leadership gurus, they can come to Cal State Fullerton and the archive we have here."

Giles noted there are plans in the works for an annual cash prize for aca-

demics with innovative leadership research, essentially a Nobel Prize in leadership. This will revolutionize thought leadership at Cal State Fullerton and Orange County generally.

"When people study at Landmark Hall, we want them to feel more connected, feel more capable as leaders, and realize a higher purpose for their lives," said Barbuto.

PROJECT CAMINO

\$1.2 million grant to prepare early childhood special education teachers

CSUF News Media Services

Cal State Fullerton has been awarded a \$1.25 million grant from the U.S. Department of Education to address the shortage of diverse and multilingual early childhood special education teachers in local classrooms.

The grant supports “Project Camino: Early Childhood Special Education,” directed by Janice Myck-Wayne, professor of special education, and the university’s 2023 Outstanding Professor. Aja McKee, associate professor of special education, is co-director of the project. The university has received \$250,000 in first-year funding.

Due to the state and nationwide shortage of special education teachers, Project Camino provides financial incentives and support for teacher candidates to enter the special education field.

Two-thirds of grant funds will go toward scholarships — up to \$13,000 — to pay for tuition, books, conference attendance and stipends to assist students in completing their early childhood special education credential.

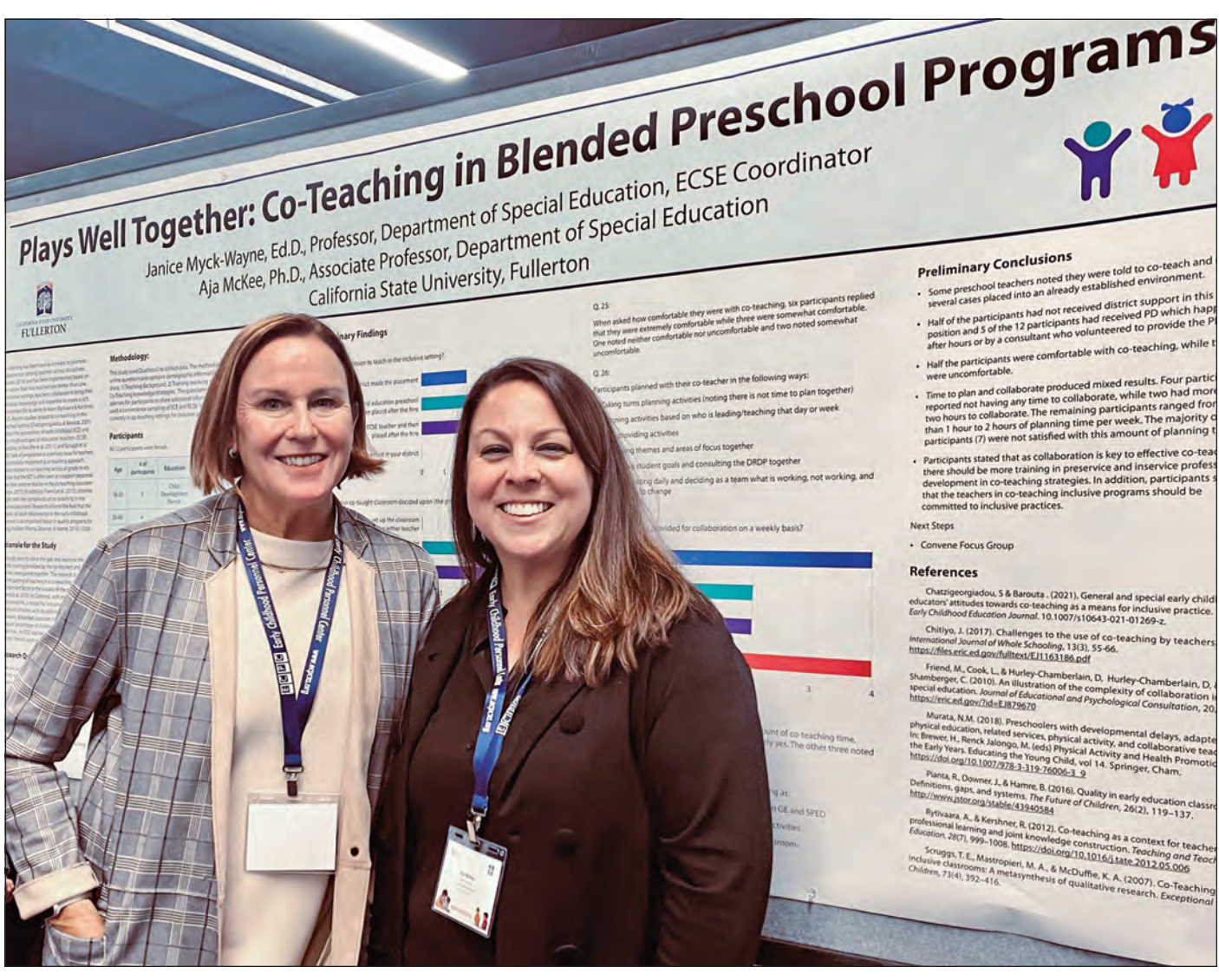
“Project Camino scholars will be able to earn their credential without incurring debt,” Myck-Wayne said.

Project Camino focuses on training future teachers to support and instruct young children with disabilities — from birth to kindergarten — including children with multiple disabilities, significant physical, emotional, sensory and cognitive disabilities, and autism.

“This project will prepare teachers to provide equitable, evidence-based, culturally and linguistically responsive instruction, intervention and service to students and their families,” Myck-Wayne said. “The purpose is to increase the number of multilingual teachers from racially and ethnically diverse backgrounds to serve children with disabilities.”

Nine students will be selected this summer from the College of Education’s early childhood special education credential program, with the project beginning in the fall. A total of 45 credential students will be recruited over the five-year project.

Project Camino strives to ensure equal access and education for all students, with an emphasis on young students who are members of groups that are historically underrepresented.



Special education faculty members Janice Myck-Wayne, left, and Aja McKee

The goals for the project include improving equitable student outcomes for young children with disabilities, particularly in the areas of literacy and mathematics skills. Coursework and in-classroom training for credential students include inclusion, diversity and multilingualism instruction.

The grant funding gives credential students the opportunity to learn from diverse faculty members from across college departments through monthly seminars and other activities. For their classroom training, students will be placed in

high-need, local school districts, guided by veteran educators who are CSUF alumni.

Credential students will participate in professional education conferences and receive training in areas such as working with culturally and ethnically diverse families.

“In California, there is an alarming shortage of special educators that has largely resulted in underqualified teachers providing a substandard service,” Myck-Wayne said.

“This shortage deprives our students

with disabilities of being educated by highly qualified teachers, which affects their learning outcomes. Project Camino is addressing this shortage and filling the need to prepare well-trained teachers.”

This latest funding is the fourth U.S. Department of Education-Office of Special Education Programs grant awarded to CSUF and directed by Myck-Wayne to prepare early childhood special education teachers. Previous grants over the past 15 years, totaling \$3.3 million, are Project ABC, Project STAR and I:DREAM.

PHOTO COURTESY OF JANICE MYCK-WAYNE

CAREER CENTER

Titan alum lands a dream role at Warner Records

CSUF News Media Services

Surrounded by beaming strobe lights, roaring speakers and energetic concertgoers, TJ Landig dreamed of becoming a rock star on the grand stage.

At 5 years old, Landig’s dad taught him how to play the guitar. He immersed himself in his high school band and cherished the rich sound of musical notes filling the air. His love for music boomed at Cal State Fullerton. Landig recalled feeling inspired by Professor Emeritus of American Studies John Ibson’s interactive discussions on masculinity, ethnic diversity in American culture and music’s power to the ear.

“My professors opened my eyes to American culture in a deeper way, such as understanding the history of rock and roll and jazz music,” said Landig ’06 (B.A. political science and American studies).

During his bustling college years, Landig gained leadership and community relations experience participating in Camp Titan, a former student-run program under Associated Students Inc. that supported underserved youth in Orange County. He was a lead counselor who organized shows, presentations and campfires to entertain young campers.

Landig said he experienced an existential identity crisis in college. A trip to the Career Center job fair changed his career trajectory from finance and banking to his true passion — music. Cal State Fullerton’s Career Center provides students with workshops, career fairs, graduation preparation and specialist appointments.

“One company dropped out of the job fair and Warner Music Group replaced them,” said Landig. “I bought a brand new suit and did a round of interviews with Morgan Stanley and Warner Music Group. I was offered internships at both companies.”

He trusted his gut instinct. Landig joined Warner Records as an intern and radio promotion assistant before transitioning into the marketing department and climbing the corporate ladder to senior vice president.

“Figure out what you love. I love music more than I love trading stocks,” said Landig. “I walked into a music industry that was being faced with challenges by music pirating, but despite that, I chose to commit to it.”

Peeling back the layers of Warner Records’ iconic culture, Landig described the four processes of marketing success.

Through Warner Records’ inventive ideas and creative risks, collaborative leadership drives the artists’ vision in campaigns. Landig said he ensures that the company’s divisions are in line through product development of music, creatively enhancing the brand’s identity and overseeing the marketing budget while investing time in relationships



John Chen, Warner Chappell vice president, left, with TJ Landig, Warner Records senior vice president, at the 66th Annual Grammy Awards

PHOTO COURTESY CSUF NEWS MEDIA SERVICES

with artists.

The exhilarating responsibility of his career is leading campaigns for versatile artists, from country singer-songwriter

Zach Bryan to rapper Mac Miller, rock band Deftones and pop stars Nessa Barrett and Benson Boone.

“Every artist is different and unique.

Our job is to understand what they care about, who their audience is and how to propel their brand,” said Landig.

Branding Bryan to the world was a recent breakout success for Warner Records. Landig felt humbled to contribute to Bryan’s journey. Billboard magazine reported Warner Records’ historic No. 1 Billboard 200 album launch and No. 1 Billboard Hot 100 single debut of his song “I Remember Everything” featuring Kacey Musgraves. Landig explained that Warner Records’ role prioritizes protecting Bryan’s relationship with his audience and bringing forth meaningful opportunities to his team.

“He has had over 20 certified songs and platinum albums over the last year. He is playing at football stadiums all throughout 2024,” said Landig. “We help to support his vision.”

For the late Mac Miller, Landig said he manages posthumous releases in partnership with Miller’s family, estate and the management team.

“We produced his last live performances in Hotel Cafe with a 150-seat room for three nights in a row around his ‘Swimming’ album release,” said Landig. “I feel fortunate to be a part of his evolution, from his high-brow art videos and visuals to physical product offerings. Warner Records will continue to protect and honor his legacy.”

Landig emphasized the importance of innovation in Warner Records’ marketing strategies that keep pushing the envelope. He said the 1988 alternative metal band Deftones was an experimental process.

“I helped orchestrate a deal between Warner Records, Deftones and Marc Jacobs’ ‘Heaven’ fashion campaign, repositioning them into the Gen Z pop culture zeitgeist,” said Landig. “They have trending sounds on TikTok. We help push those without asking the band to engage.”

Warner Records launched the collaboration with a pop-up shop at the Marc Jacobs boutique in Los Angeles and free live Deftones performances in independent record stores. Covered by cutting-edge GQ and Vogue media publications, Landig said the Marc Jacobs and Deftones partnership was rewarding.

“Our marketing campaigns are met with the highest level of taste and care,” said Landig. “These are quality music products and we have a very intentional approach to how we manage the artists’ careers from the label perspective.”

Reflecting on his stomping grounds at Cal State Fullerton, Landig learned the power of manifestation, mindfulness and investing time into the Career Center’s free resources.

“Build upon the core value of loving your career,” said Landig. “Embrace your passion. Your genuine happiness and fulfillment will launch you into new heights.”

GEOSCIENCE

Student's national forest volcanic magma systems study recognized

CSUF News Media Services

Cal State Fullerton geology graduate student Samantha Dunn became fascinated with collecting rocks and exploring the great outdoors as a child.

Dunn credits her maternal grandmother, a middle school earth science teacher, who sparked her interest in learning about the natural world.

"Geology is my true passion," Dunn said.

For her outstanding field mapping and data acquisition skills, Dunn is the recipient of the 2024 Brunton Award from the Association for Women Geoscientists. The worldwide organization introduces girls and young women to geoscience careers. She received a Brunton compass, which geologists use in the field.

"It's gratifying to receive such a distinguished award. It makes me think, 'I have put a lot of hard work and effort into my research, and I am worthy of this recognition,'" Dunn said.

Her research adviser, Valbone "Vali" Memeti, associate professor of geological sciences, shared that Dunn is an exceptional student, researcher and geologic field mapper. A geologic map shows the distribution of different rock types and structures.

"Samantha has a bright future that will include promoting field mapping to future generations," Memeti said.

Dunn has received accolades for her research and grants to help pay for graduate school and her project, including a \$2,500 grant from the Geological Society of America. In 2023, she was awarded a



PHOTO COURTESY OF SAMANTHA DUNN
Geology graduate student Samantha Dunn in the lab

\$10,000 research grant from Advancing Geochronology Science, Spaces and Systems.

At the annual South Coast Geological Society poster session in May, she won the best graduate poster award for her research project. She also received the Department of Geological Sciences Outstanding Graduate Award this year.

Dunn's thesis project focuses on magmatic systems in the Sierra National Forest to learn more about inactive volcanic magma chambers and what triggers volcanic eruptions.

She is investigating the connection between the volcanic and plutonic rocks at the 99- to 97-million-year-old Jackass Lakes pluton. Her project seeks to understand magma plumbing systems and the



PHOTO COURTESY OF VALBONE "VALI" MEMETI
Valbone "Vali" Memeti, associate professor of geological sciences

physical and compositional relationship of the plutonic and volcanic rocks.

"Samantha has the rare opportunity to tease out the answers to important questions that volcanologists and pluton geologists have been puzzling over for some time both in the field and analytically," Memeti said.

Dunn is conducting a petrologic analysis (the study of rocks) of the Jackass Lakes pluton. Rarely are volcanic and plutonic units of similar age juxtaposed to one another, allowing a petrologic comparison to better understand the nature of magma plumbing systems in magmatic arcs (where magma is rising), she explained.

"This research can be used to study and better understand active volcanic

arcs, a chain of volcanoes, such as the Cascades, a mountain range that extends from Northern California through Washington," Dunn said.

Over the past two summers, Dunn spent a total of eight weeks backpacking, camping and mapping the geologic features in the Sierra Nevada.

In the summer of 2022, Dunn and fellow student researchers used pack mules to take food and supplies into the wilderness field area. Last summer, Dunn backpacked to all her mapping destinations, which was quite a feat.

The maps produced from this field work will be submitted this summer to the U.S. Geological Survey's EDMAI program, a mentor-guided program designed to teach students geologic mapping techniques through rigorous field mapping.

"The lab techniques and field skills I have learned at CSUF will only help me as I take my next steps," Dunn said.

Her career goal is to become a college professor and researcher. She plans to apply to doctoral programs in the fall, including at universities in New Zealand and the United Kingdom.

Dunn is working on completing lab work and writing her thesis, which she plans to finish in the fall. She also intends to submit her research for publication in a peer-reviewed, scientific geology journal.

"My research experience has made me a better communicator, collaborator, writer, and overall scientist," Dunn said. "Dr. Memeti set a high bar — and pushed me to achieve."



PHOTO COURTESY OF SAMANTHA DUNN

Samantha Dunn conducted geology fieldwork at Jackass Lakes pluton in the Sierra National Forest.

Dean

FROM PAGE 1

ioral health, mental health, addiction, substance use, right along with that."

Barbosa-Leiker leads an interdisciplinary research team to assess mothers, infants and health care providers in order to better care for women with opioid use disorders, and for women who use cannabis during pregnancy.

She also received a grant from the National Institutes of Health to study the link between psychological risk factors such as stress, substance use, depression and quality of life with brain aging in American Indian adults. The results of these studies will help improve standards and shape policy.

"I have been really privileged and honored to work with tribes across the nation," she said.

In 2020, Barbosa-Leiker became a member of the Diversity Task Force for the American Journal of Drug and Alcohol Abuse, and she serves as an associate editor for Psychology of Addictive Behaviors.

At CSUF, Barbosa-Leiker hopes to collaborate with the faculty in the College of Health and Human Development on more research projects.

"There's a lot of great research already going on in the college, and so it's fantastic and a lot of overlap with the focus on health equity and trying to decrease health disparities," she said. "So, I think that will be great. I think I will be joining a great group of colleagues who have that expertise and that passion."

Barbosa-Leiker met her husband Matthew Leiker, an accomplished artist, while they both had jobs at Disneyland in the 1990s.

The couple will be moving back to Orange County with their two sons, who are 10 and 13.

"We have hundreds of family members down in the area, so it'll be so nice to be coming back home to all of our family down there," she said. We are excited to be coming home."



PHOTO COURTESY CSUF NEWS MEDIA SERVICES

Celestina Barbosa-Leiker is the newly appointed dean of the College of Health and Human Development at Cal State Fullerton.

BIG WEST PLAYER OF YEAR

Golfer Tegan Andrews turns around his mental game

By **Brian Robin**
contributing writer

By his own admission, Tegan Andrews isn't much of a reader — outside of the greens he reads during his day job as the current No. 1 player on the Cal State Fullerton men's golf team. But this — this book was the closest thing to a page-turner.

And the closest thing to a game-changer.

When we last left Andrews, right around this time last year, he was just emerging from a long sentence as a prisoner of his own head. It wasn't a good place to be, a golf prodigy held captive by his own mental demons — demons that derailed him every time he blinked on a golf course.

"Tegan's always had a really high ceiling," CSUF's director of golf and head men's golf coach Jason Drotter said. "Physically, he's always had incredible gifts and talents, but mentally, he's always struggled with maintaining mid-line emotions and staying with hitting one shot at a time. His problem has been when he gets down and gets upset with himself."

Andrews knew he needed help with more than his wedges, the one on-course area that lags the rest in his considerable game. As Drotter said earlier this year, you could put Andrews on a range with PGA Tour pros and you wouldn't be able to tell the difference between him and tour players in the sound of his ball-striking, the ball-flight — all of it. Yes, his ceiling is that high.

Unfortunately, Andrews knew his mental game was that low. One errant drive, one pushed iron shot or clanked wedge and Andrews went into a mental tailspin on the course. His ability to reconcile the inevitable calamities that befall every golfer didn't exist. Without that ability to stay in the moment and put bad shots behind you, Andrews' game would never reach its true ceiling.

It took Brian Kane about five minutes to get Andrews out of his mental prison. A former student of Ken Ravizza, the legendary mental coach and CSUF Athletic Hall of Fame member, Kane recommended Andrews read Jon Sherman's "The Four Foundations of Golf." Given Sherman's background as a one-time golf prodigy who burned himself out over unreachable expectations, it was like Kane handed Andrews the Holy Grail.

Sherman spent 420 pages and more than 90,000 words addressing four areas: strategy, practice, the mental game

and — the key to Andrews' mental prison — expectation management. Make no mistake; Andrews didn't read all 420 pages.

"I read about 20 pages, and that's all I needed. I had the concept down when I realized golf was all about managing expectations," he said. "It's all about not getting bent out of shape about things you can't control. I only got a few pages in, but I got enough out of it to help me.

"The story I remembered the most was he (Sherman) got so angry that he threw his driver and almost decapitated his father. He decapitated his dad's driver. What I started doing at that point was mentally having the picture that the people I care about were watching me. What would you do if your family was around and you did that? It made me disciplined to the point where I wouldn't be throwing clubs or cussing."

Andrews may not be a scratch golfer of a reader, but he's a Masters champion when it comes to comprehension. He took those lessons and parlayed them into being the Big West Golfer of the Year, the capstone on one of the best seasons in program history.

Andrews went from sitting out the 2022-23 season to winning the Big West title, one he punctuated with a record-tying, opening-round 63 on a La Quinta Country Club course that sees tour players every January in the American Express. He won three tournaments this season and racked up six top-10 finishes in 11 events.

"I knew going into that tournament, I was in that position," he said about the Big West Championships. "I knew no matter where I was, I was the mentally strongest person out there. In that first round, I'm 8-under (par) through 11 holes. If I had done that in the past, holy hell, get the cameras out. Now, it's me. This is what I'm capable of at this point of my career. I was grateful at how I played, but I expect this of myself now.

"That was the biggest thing in the turnaround of my mental game and the work I had done behind the scenes with my wedges. And the rest of my game fell into place."

Andrews may not join any book clubs, but he's a quick study with a healthy dose of self-awareness. He's always been one of the best ball-strikers in program history, someone who can split fairways with 330-yard drives, hit pure irons and drain more than his share of putts. It was his wedge game that lagged.

And he knew it. Drotter told the story about an early-morning meeting he had with CSUF Athletic Director Jim Dono-



PHOTO COURTESY CSUF NEWS MEDIA SERVICES

CSUF golfer Tegan Andrews was the first-place champion at the Visit Stockton Invitational in Stockton, shooting a 14-under par 202.

van. Drotter arrives at campus around 6:30 a.m. and is greeted with the sight of Andrews at the practice facility, hitting wedges.

He's still an open book. Last week, Andrews was in Ohio for sectional qualifying for the U.S. Open. It was the second consecutive year he survived local qualifying and reached the 36-hole sectionals that funnel nonexempt players into the U.S. Open. To get there, Andrews had to survive a seven-player-for-three-spot local qualifier at a brutally difficult and windy La Purisima in Lompoc. He did so by draining a 15-foot putt, then — two holes later — getting up-and-down for par.

So yes, Andrews can handle pressure. But when he was in Ohio last week, finishing 1-over on the Ohio State Scarlet Course, where 68 players competed for five spots, Andrews started applying some of the wedge game tips he learned from playing a U.S. Open qualifier with tour pro Eric Cole last year. Andrews marveled at the sight of Cole getting upset whenever he hit a wedge outside of 10 feet.

That sight and Andrews' natural curiosity around the course stayed with him. Like his awareness about his mental game, Andrews talked to whomever he could about the array of shots you can

hit with wedges. Every tip he got went to use somewhere during his game-changing season.

And all of it was made possible by what he did with the 15th club in the bag — the one between his ears.

"He recognized it," Drotter said. "That is nine-tenths of the battle, accepting that you're mentally weak. Not weak in the sense that he can't handle pressure, but weak in the sense that he can't handle his own adversity. The fact he recognized that and attacked it is the biggest reason he's having success."

Again, we did mention Andrews' penchant for self-awareness. He understands so much more about the game — and himself. Perhaps a book is in his future? With his name on it as the author?

"Who am I doing this for? I'm playing this game and grinding over it because I love it," he said. "If it makes me that frustrated, that's OK. But to react like I had been isn't conducive of loving the game. Not being results-driven reminds me of who I am. This game is my job, but it's not who I am.

"This is what I do, and I'm trying to be really, really good at what I do, but it doesn't define me. That was a big thing that I realized at the end of the day, and it helps me control the things I can control."

CONGRATULATIONS

TO OUR **13,000+**

CLASS OF 2024 GRADUATES



Cal State **Fullerton**



fullerton.edu/commencement