



Past Quakes at Fault in Sinking of Seal Beach Wetlands

A Cal State Fullerton faculty-student study shows evidence of abrupt sinking of the wetlands near Seal Beach caused by ancient earthquakes that shook the area at least three times in the past 2,000 years — and it could happen again, the researchers say.

The paleoseismology study reveals that the wetlands at the National Wildlife Refuge Seal Beach, a nearly 500-acre area located within the Naval Weapons Station Seal Beach and next to the communities of Seal Beach and Huntington Harbor, are susceptible to rapid lowering in elevation during large — over 7.0 magnitude — earthquakes.

Matthew E. Kirby, professor of geological sciences and colleague, Brady P. Rhodes, professor emeritus of geological sciences, and alumnus Robert J. Leeper, whose master's thesis is based on the research findings, led the study. The researchers mentored numerous CSUF geology students and collaborated with geologists and earthquake experts, including those from the U.S. Geological Survey (USGS).



CENTER NAMED FOR FOUNDING FACULTY MEMBER

The University's Center for Oral and Public History, focused on recording Orange County's history, will now be named for Lawrence B. de Graaf, professor emeritus of history — a founding faculty member who helped create Cal State Fullerton's first archive and the Oral History Program.



In March, the California State University Board of Trustees approved the Lawrence de Graaf Center for Oral and Public History, in appreciation of gifts and pledges totaling \$1 million from de Graaf and his late wife, Shirley.

"The naming recognizes Dr. de Graaf's exemplary leadership of the History Department and service to the University, including the creation of the Oral History Program," said CSUF President Mildred García. "It is remarkable that Dr. de Graaf's work and vision have made Cal State Fullerton's Center for Oral and Public History the largest oral history archive in the state of California. The collection stands out nationally for its grassroots nature and the wide range of diverse communities represented."

The center's student-driven oral history program will celebrate its 50th year in 2018, and the center holds nearly 6,000 recorded interviews, related transcripts, photographs and other materials.



CSUF BOOSTS ECONOMY BY \$2.26 BILLION

A new economic impact analysis shows that Cal State Fullerton is a major driver of economic activity statewide, powering \$2.26 billion in economic activity, supporting 15,000 jobs and generating \$126 million in local and state tax revenue. The bulk of that impact is felt in Orange and Los Angeles counties.

In addition, CSUF returns \$13.40 to California's economy for every dollar invested by the state. Approximately 44 percent of the University's annual operating budget is allocated by the California State University system as funded each year by the California Legislature and governor.

The data also show that Titan alumni spur an estimated \$4.3 billion in annual spending attributable to their CSUF degree, which supports nearly 25,000 jobs and results in an additional \$245 million in state and local tax revenue, due to this incremental earning power.

BEHIND THE MUSIC: CSUF CHORAL PROGRAM TOPS THE CHARTS

Last summer, the man responsible for some of the most recognizable film scores in history — from the terrifying main theme from “Jaws” to “Hedwig’s Theme” from the Harry Potter films — asked the Cal State Fullerton University Singers to join him in the studio to record anew the compositions he created for some of Steven Spielberg’s movies.

John Williams is no stranger to the University Singers, nor its members to him. The ensemble has joined forces with the Academy Award-winner several times in his annual “Maestro at the Movies” show at the Hollywood Bowl. For the album, the ensemble sang a piece from “Amistad” and one from “Saving Private Ryan.”

“It was a magical day,” says Robert Istad, professor of music and director of the choral program. “We walk in and the maestro is chatting with someone. And it’s Spielberg! The maestro

starts conducting, and Spielberg is walking around and becomes overcome with emotion during the ‘Saving Private Ryan’ piece.

“The students are singing. The composer is on the podium. He’s an example of gratitude and professionalism. And when it’s over, John comes over to thank the students. He’s hugging the kids! And our students are getting this experience.”

Call this a high note in a Cal State Fullerton choral student’s academic career — one of many. “There’s a long history of vocal music here,” says Istad. “It all began with the clear vision of a few people back in the early days.”



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Did You Know?

- Cal State Fullerton is recognized for the diversity of its students.
 - No. 1 in California and second in the nation among top colleges and universities awarding bachelor’s degrees to Hispanics.
 - No. 6 in the national for baccalaureate degrees awarded to underrepresented students.
 - 57 percent of bachelor’s degrees recipients are first-generation university graduates.

