

We Make Innovation Happen



Professor Stephen Kane
has located more than 100 planets
beyond our solar system, part
of a grand tradition of
discovery at SF State.

SAN FRANCISCO STATE UNIVERSITY VALUES academic freedom, explores new perspectives and challenges the status quo. Moving beyond the walls of conventional thinking, the University's students, faculty and alumni are responsible for numerous breakthroughs and innovations. Here are just a few:

- ▶ SF State is a leader in the hunt for exo-planets — worlds outside our solar system. It was an SF State team that first pinpointed the location of an exo-planet and developed what is now the standard method used for finding more. So far, SF State researchers have discovered more than 500 planets orbiting other suns.
- ▶ SF State was the first university to incorporate ethnic studies into its curriculum. Today, it's still the only university in the nation with a multi-ethnic, multi-disciplinary College of Ethnic Studies.
- ▶ SF State alum David Walden was a key member of the team that developed ARPANET, the precursor to the modern Internet.
- ▶ SF State was the first public university to begin divesting from fossil fuel-related investments and create a socially responsible portfolio option for its donors.
- ▶ The first jazz studies curriculum was founded at SF State, drawing legendary jazz greats Vernon Alley, John Handy, Vince Guaraldi, George Duke and Cal Tjader to study here.
- ▶ SF State was the first American university to offer a degree in international relations. Today, according to the Institute of International Education, SF State sends more students abroad for long-term study than any other master's-granting institution.
- ▶ Alumnus Stanley Mazor learned to program computers while attending SF State as a mathematics major in the 1960s. He went on to help design and build the first microprocessor.



SF STATE

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- ▶ The first university poetry center and archives were established here, and among SF State's alumni are Pulitzer-Prize winning poets Rae Armantrout and Philip Schultz; poet Michael McClure (who helped launch the beat literary movement); former California Poet Laureate Carole Muske-Dukes; and Professor Alejandro Murguía, poet laureate of San Francisco.
- ▶ SF State is at the forefront of the newly emerging field of citizen science — innovative, wide-ranging research that features substantial contributions from nonprofessional scientists. Between them, two SF State biology professors have recruited nearly 100,000 citizen scientists across the country to monitor threats to dwindling honeybee populations.
- ▶ In recent years, SF State scientists have made breakthroughs in the study of shark genomes, infant brain development, the impact of climate change, workplace stress, play therapy for children with autism and an array of other topics. And they're not stopping there. Every day, in labs, offices and classrooms across campus, SF State is continuing its quest for innovation.

