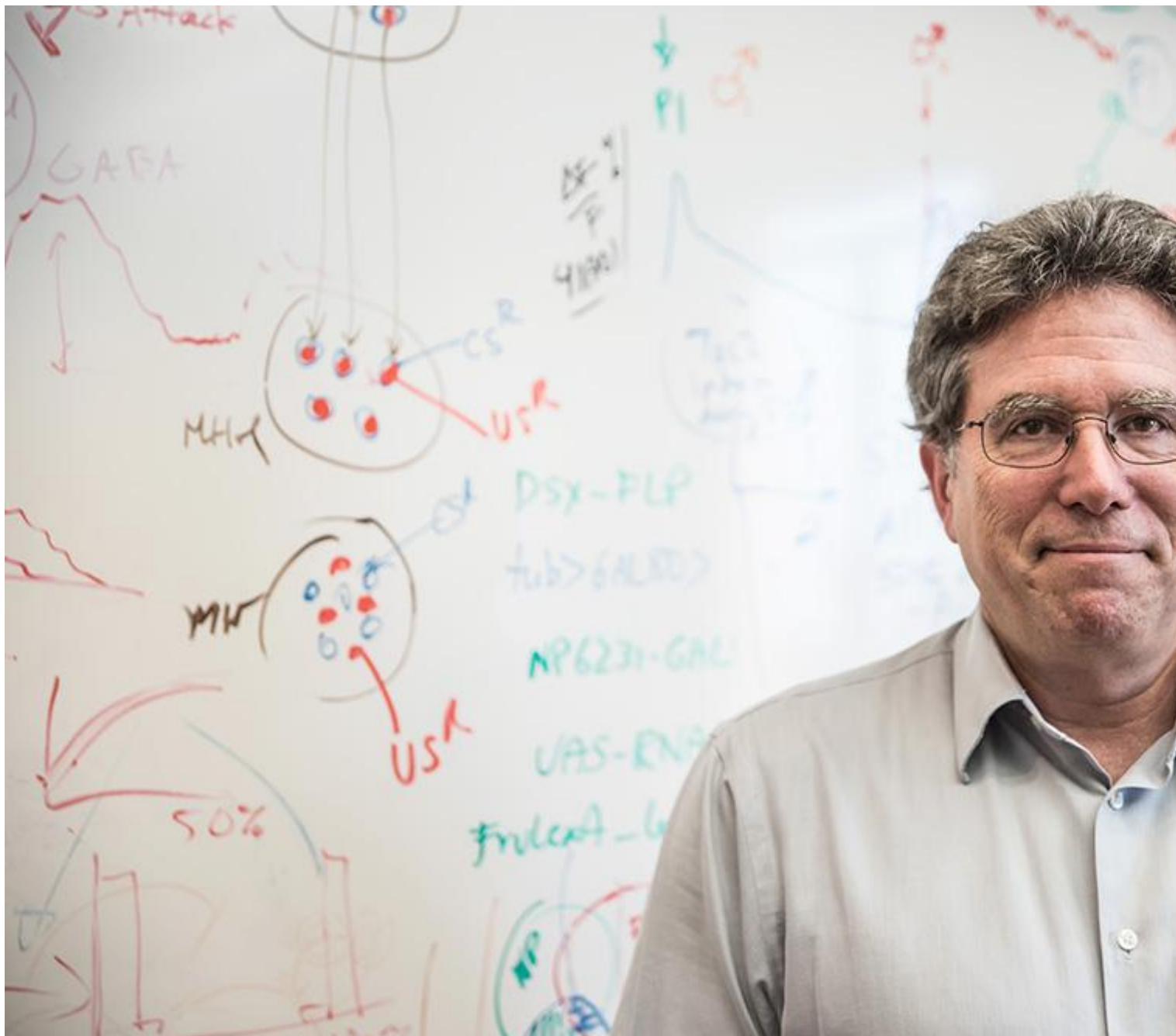


Third annual Barondes Lecture to be held April 22

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By *Nicholas Roznovsky*^[1]



Developmental biologist and neuroscientist David J. Anderson, PhD, will be featured as the visiting lecturer for the third annual Samuel Barondes Lecture at UCSF.

The UCSF Department of Psychiatry is pleased to announce the return of its special distinguished visiting lectureship series highlighting the integration of biological sciences and psychiatry in honor of Jeanne and Sanford Robertson Endowed Chair and Chair Emeritus Samuel Barondes, MD [2].

The third annual Samuel Barondes Lecture will be held at 3 p.m. on Monday, April 22, 2019, in Genentech Hall's Byers Auditorium on the UCSF Mission Bay campus. This year's lectureship recipient is California Institute of Technology developmental biologist and neuroscientist David J. Anderson, PhD [3], who will deliver the keynote address, "Neural Circuits Controlling Innate Social and Defensive Behaviors." The event will open with live jazz performed by B3B4 and brief remarks by Barondes. A reception will immediately follow the presentation in the Genentech Hall Atrium.

The lecture is free and open to the public. No advance tickets are required, but attendees are encouraged to arrive early to ensure seating.

About David J. Anderson, PhD

David J. Anderson, PhD, is the Seymour Benzer Professor of Biology at the California Institute of Technology, where he has been on the faculty since 1986. He is also an investigator of the Howard Hughes Medical Institute. Anderson received his AB from Harvard, PhD from the Rockefeller University under Günter Blobel, and was a postdoctoral fellow with Richard Axel at Columbia.

For the first 20+ years of his career, Anderson's research focused on the biology of neural crest stem cells. He was the first to isolate a multipotent self-renewing stem cell for neurons and glia, and subsequently identified growth factors and master transcriptional regulators that control their differentiation into neurons vs. glia, as well as their self-renewal. He has also made important contributions to angiogenesis and nerve-blood vessel interactions, including the discovery that arteries and veins are genetically distinct from before the onset of heartbeat.

Beginning in the early part of the last decade, Anderson gradually switched his research focus from neural development to the study of neural circuits underlying innate behaviors that are associated with emotional states, including defensive behaviors and inter-male aggression. His work employs both mice and the fruitfly *Drosophila melanogaster* as model organisms, and incorporates optogenetics, pharmacogenetics, electrophysiology, in vivo imaging, and quantitative behavior analysis using machine vision-based approaches.

Anderson played a key advisory role in the initial foundation of the Allan Institute for Brain Sciences and the Allen Brain Atlas, and now serves on their scientific advisory board, as well as on the advisory council for Project MindScope and the Connectional Atlas. He has also been a visiting scientist at HHMI's Janelia Farm Research Campus. Anderson received the Alden Spencer Award in Neurobiology from Columbia University in 1999 and was elected to the

National Academy of Sciences in 2007.

About Samuel Barondes, MD



The official department portrait of Samuel Barondes, MD [2], the Jeanne and Sanford Robertson Endowed Chair and Chair Emeritus.

Samuel Barondes, MD, was educated at Columbia and Harvard and learned to do research at the National Institutes of Health as a postdoc with Gordon Tomkins and with Marshall Nirenberg, in whose laboratory he contributed to the Nobel Prize-winning studies that deciphered the genetic code.

Thereafter, Barondes devoted himself to integrating psychiatry with molecular biology and neuroscience. He has been a professor at the University of California since 1969, first at UC San Diego, where he was a founding member of the Department of Psychiatry and the Neuroscience Program and, since 1986 at UC San Francisco, where he initially served as chair of the Department of Psychiatry and director of the Langley Porter Psychiatric Institute. Since 1994, he has served as the Jeanne and Sanford Robertson Endowed Chair and Director of the Center for Neurobiology and Psychiatry. Throughout his time at UCSF, Barondes chaired the Chancellor's Art Committee, overseeing the acquisition and commissioning of hundreds of works, with special emphasis on the J. Michael Bishop Collection at Mission Bay.

Barondes is a member of the National Academy of Medicine, and a fellow of the American Academy of Arts and Sciences and the American Association for the Advancement of Science. In 1976, he was a founder of the McKnight Neuroscience Program, and served as its president for 10 years. His books include *Cellular Dynamics of the Neuron* (1969); *Neuronal Recognition* (1976); *Molecules and Mental Illness* (1993); *Mood Genes* (1998); *Better Than Prozac* (2003); *Making Sense of People* (2011, 2016); and *Before I Sleep: Poems For Children Who Think* (2014).

Related links

- Video of the 2017 Barondes Lecture ^[4]
- Video of the 2018 Barondes Lecture ^[5]

About UCSF Psychiatry

The UCSF Department of Psychiatry ^[6], UCSF Langlely Porter Psychiatric Hospital and Clinics ^[7], and the Langlely Porter Psychiatric Institute are among the nation's foremost resources in the fields of child, adolescent, adult, and geriatric mental health. Together they constitute one of the largest departments in the UCSF School of Medicine and the UCSF Weill Institute for Neurosciences, with a mission focused on research (basic, translational, clinical), teaching, patient care, and public service.

UCSF Psychiatry conducts its clinical, educational and research efforts at a variety of locations in Northern California, including UCSF campuses at Parnassus Heights, Mission Bay and Laurel Heights, UCSF Medical Center, UCSF Benioff Children's Hospitals, Zuckerberg San Francisco General Hospital and Trauma Center, the San Francisco VA Health Care System, and UCSF Fresno.

About the UCSF Weill Institute for Neurosciences

The UCSF Weill Institute for Neurosciences ^[8], established by the extraordinary generosity of Joan and Sanford I. "Sandy" Weill, brings together world-class researchers with top-ranked physicians to solve some of the most complex challenges in the human brain.

The UCSF Weill Institute leverages UCSF's unrivaled bench-to-bedside excellence in the neurosciences. It unites three UCSF departments—Neurology, Psychiatry, and Neurological Surgery—that are highly esteemed for both patient care and research, as well as the Neuroscience Graduate Program, a cross-disciplinary alliance of nearly 100 UCSF faculty members from 15 basic-science departments, as well as the UCSF Institute for Neurodegenerative Diseases, a multidisciplinary research center focused on finding effective treatments for Alzheimer's disease, frontotemporal dementia, Parkinson's disease, and other neurodegenerative disorders.

About UCSF

UC San Francisco (UCSF) [9] is a leading university dedicated to promoting health worldwide through advanced biomedical research, graduate-level education in the life sciences and health professions, and excellence in patient care. It includes top-ranked graduate schools of dentistry, medicine, nursing and pharmacy; a graduate division with nationally renowned programs in basic, biomedical, translational and population sciences; and a preeminent biomedical research enterprise.

It also includes UCSF Health [10], which comprises three top-ranked hospitals ? UCSF Medical Center and UCSF Benioff Children?s Hospitals in San Francisco [11] and Oakland [12] ? as well as Langley Porter Psychiatric Hospital and Clinics, UCSF Benioff Children?s Physicians, and the UCSF Faculty Practice. UCSF Health has affiliations with hospitals and health organizations throughout the Bay Area. UCSF faculty also provide all physician care at the public Zuckerberg San Francisco General Hospital and Trauma Center, and the San Francisco VA Medical Center. The UCSF Fresno Medical Education Program is a major branch of the University of California, San Francisco?s School of Medicine.

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Links

- [1] <http://profiles.ucsf.edu/nicholas.roznovsky>
- [2] <http://profiles.ucsf.edu/samuel.barondes>
- [3] <http://davidandersonlab.caltech.edu/davidanderson>
- [4] https://www.youtube.com/watch?v=hjvEm_M-DbI
- [5] <https://psych.ucsf.edu/barondes2018>
- [6] <https://psychiatry.ucsf.edu/welcome-ucsf-psychiatry>
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