

2014

RESEARCH

AT A GLANCE

Office of Research  
UC Santa Barbara



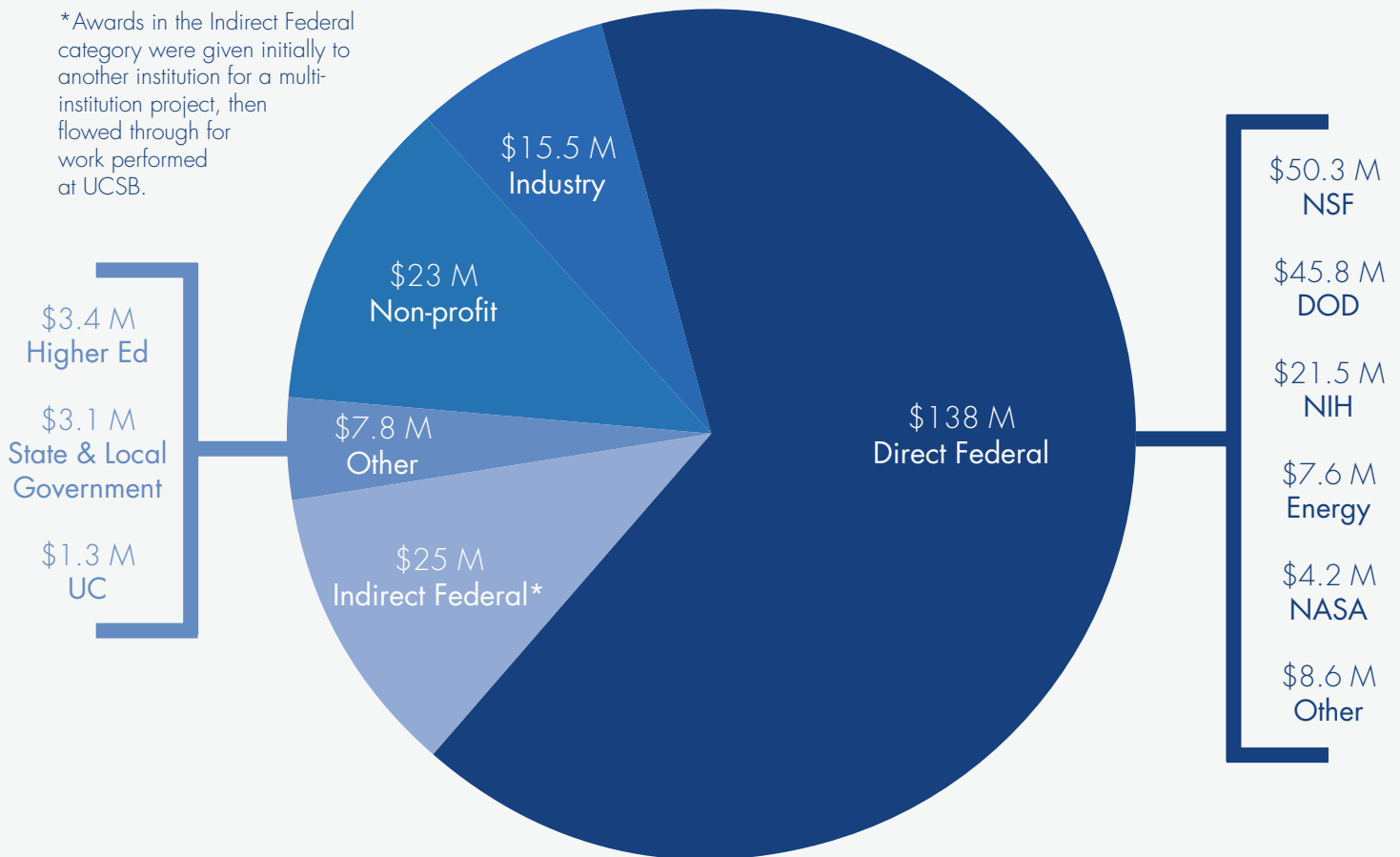
UNIVERSITY OF CALIFORNIA  
SANTA BARBARA

# \$209 MILLION TOTAL AWARDS

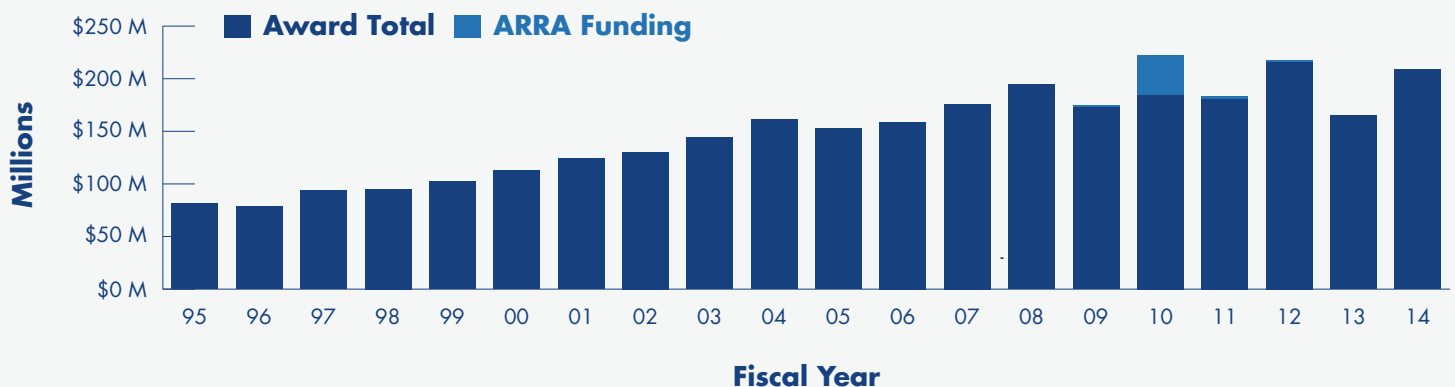
From July 1, 2013 through June 30, 2014, UC Santa Barbara received \$163 M in direct and indirect federal funding\*, which represents 78% of the total sponsored project awards.

## AWARDS BY SPONSOR TYPE

\*Awards in the Indirect Federal category were given initially to another institution for a multi-institution project, then flowed through for work performed at UCSB.

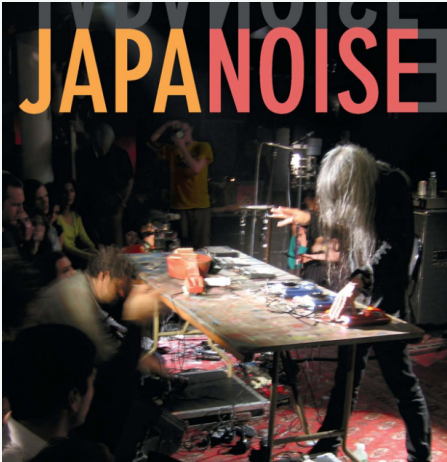


## AWARDS BY FISCAL YEAR



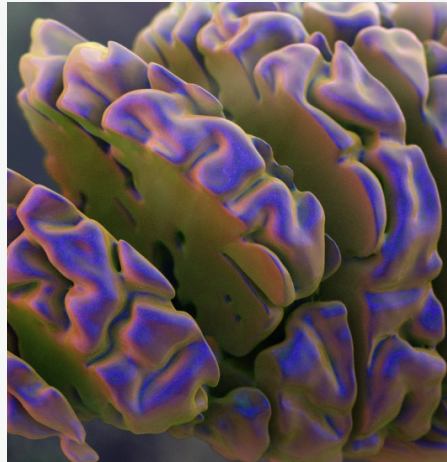
# PROFILES IN RESEARCH

See more highlighted research at [research.ucsb.edu/profiles](https://research.ucsb.edu/profiles).



## Music on the Edge

David Novak, associate professor of music, explores the feedback, distortion, and electronic effects that make up the musical genre Noise in his book *Japanoise: Music at the Edge of Circulation*.



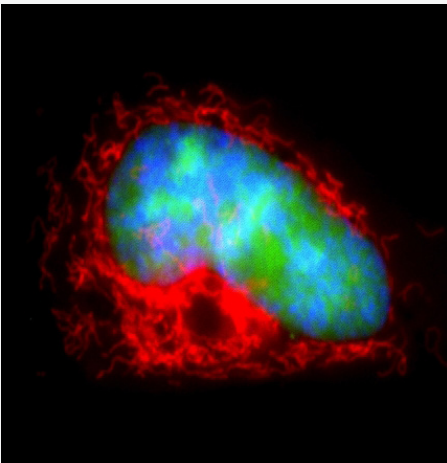
## This is Your Brain on Drugs

Professors Tom Soh, Tod Kippin, and Kevin Plaxco work to determine the neurochemistry of addiction using a biosensor that tracks the concentration of specific molecules in vivo, in real time.



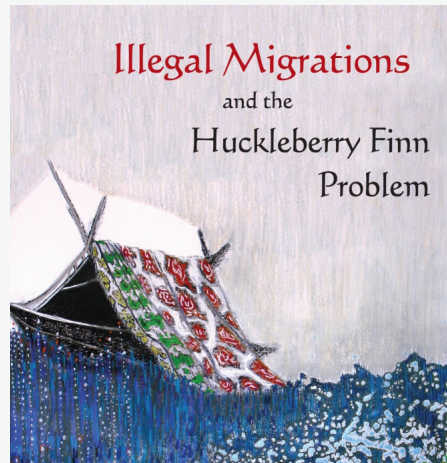
## Large Wildlife Declines

Hillary Young, assistant professor in ecology, evolution and marine biology, directly linked an increased risk of human disease to spikes in disease-carrying rodent populations resulting from large wildlife declines.



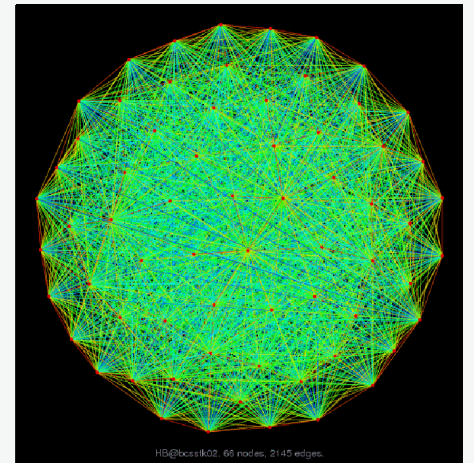
## A Giant Step Forward

Denise Montell, Duggan Professor of molecular, cellular, and developmental biology, furthers the field of regenerative medicine with her research on anastasis, the surprising reversal of cell death.



## Illegal Migrations

John S.W. Park, professor of Asian American studies, explores the ongoing problems of status and illegality in American law and society in his book *Illegal Migrations and the Huckleberry Finn Problem*.



## Big Data & Network Science

Professor of computer science Ambuj Singh and several colleagues established a new network science graduate program to train students to be innovative researchers in the new era of Big Data.



# UCSB BY THE NUMBERS

For more information, please visit [ucsb.edu](http://ucsb.edu).



**6 Nobel Laureates**  
since 1998



**1<sup>st</sup> nationally**  
in percentage of assistant professors receiving NSF CAREER awards



**1 of 62**  
institutions in the American Association of Universities



**8<sup>th</sup> in the world**  
in Leiden Ranking of top 500 universities



**Over 50%**  
of undergraduate students participate in research



**Over 100**  
interdisciplinary research centers and institutes



**65+**  
startups based on UCSB technology



**50% of inventions**  
from UCSB are under a licensing agreement



**1050**  
faculty members

**Chancellor**  
Henry T. Yang

**Executive Vice Chancellor**  
David Marshall

**Vice Chancellor for Research**  
Michael Witherell

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