

# Do Salamanders Smell Better Than Fish?

## Structure and Function of the Nose in Lungless Salamanders

April 10, 2025

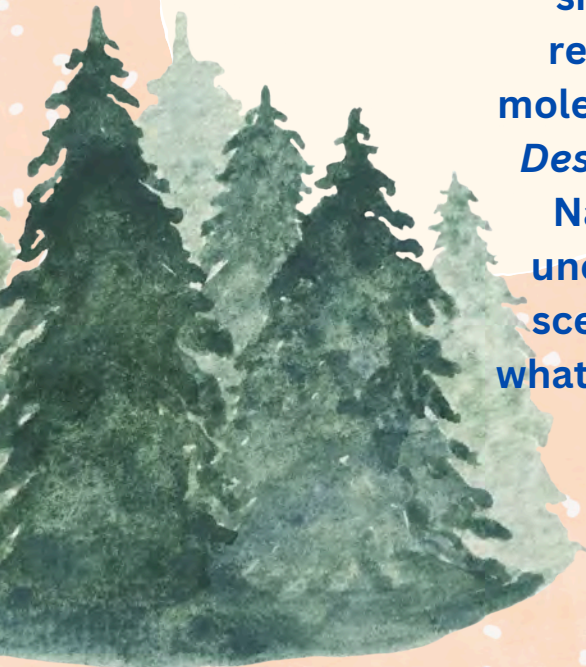
6:30-8:00 p.m.



Presented By:

Karen Kiemnec-Tyburczy Ph.D and John Reiss Ph.D.  
Of the Department of Biological Sciences Cal Poly Humboldt.

Discover the fascinating transformations of California's native lungless salamanders! Explores how the olfactory organs of six salamander species evolve, revealing unique structural and molecular adaptations—especially in *Desmognathus aureatus*. Join The Natural History Museum as we uncover how salamanders detect scents throughout their lives and what this tells us about their survival on land.



**NATURAL  
HISTORY  
MUSEUM**  
CAL POLY HUMBOLDT



1242 G St. Arcata  
707-826-4480  
[Natmus.humboldt.edu/](http://Natmus.humboldt.edu/)

Free, Donations welcome  
Held in the classroom in  
back of museum