

UCI HEARING DAY

Location: UC Irvine Herklotz Conference Room

Date: February 2, 2024

Sponsors: Center for Hearing Research
Chen-Lin Culture and Education Foundation

1:00 – 3:35pm

1:00-1:05pm Introduction (Virginia Richards)

Session I: Virginia Richards (Chair)

1:05-1:35pm M Charles Liberman (Harvard):
Auditory neuropathy and cochlear
synaptopathy: the long view

1:35-2:05pm Tobias Moser (Tubingen):
Toward the optical implant

2:05-2:20pm John Middlebrooks, Matthew
Richardson, Robert Carlyon, and Harrison Lin
(UCI):
Enhanced transmission of temporal fine
structure with a chronic auditory nerve
electrode

2:20-2:35pm Jiayue Liu and Tobias Overath (Duke)
Quantifying the Impact of Auditory Deafferentation
on Speech Perception

2:35-2:50pm Karen Tawk (UCI):
In Vitro & in Vivo Detection of Middle Ear Effusion
Using a Novel Optical Tympanometry Device

2:50-3:05pm Mustafa Okur (UCI):
Exogenous mitochondrial transplantation
improves auditory cell bioenergetics and
prevents H₂O₂-induced cell loss

3:05-3:20pm Katrina Deane (UCR):
Microcircuitry in the primary auditory cortex

3:20-3:35pm Francis Manno (East Carolina Univ
and JHU):
Neuroimaging models of human disease for
better health

3:35 – 4:00pm

Coffee Break

4:00 – 6:30pm

Session II: Raju Metherate (Chair)

4:00-4:15pm Sibylla Guerrero (UCI):

Maintenance of first language is reflected in heritage speakers' brainstem responses to speech

4:15-4:30pm Xin Xie (UCI):

Individual variation in speech adaptation: A role for linguistic diversity?

4:30-4:45pm Kaye Wang (UCI):

Can cognitive performance predict speech recognition at a cocktail party?

4:45-5:00pm Mehdi Abouzari (UCI):

How migraine modulates tinnitus?

5:00-5:15pm Solena Mednicoff (UNLV):

Misophonia reactions increase during childhood and are associated with musicality and other auditory affective experiences

5:15-5:30pm Kelly Reavis (Oregon Health & Science University):

COVID-19 and Hearing Health: An Overview and Veterans' Experiences

5:30-6:00pm Andrej Kral (Hannover):

Brain plasticity leads to aural preference reorganization in single-sided deafness

6:00-6:15pm Konstantina Stankovic (Stanford):

Physician-scientist training

6:15-6:30pm Tucci (NIH):

NIDCD strategic plan

6:30 – 9:00pm

Dinner and Social Hours