

The Kavli Institute for Brain and Mind (KIBM) at UC San Diego and the Salk Institute is a virtual environment unhampered by disciplinary boundaries, providing scientists with opportunities for effective interdisciplinary integration of research and knowledge. KIBM will transcend traditional disciplinary barriers to foster new discourse among top scientists, accelerating discoveries about the connections between mechanism and behavior.

KIBM's mission is to support research that furthers our understanding of the origins, evolution and mechanisms of human cognition, from the brain's physical and biochemical machinery to the experiences and behaviors called the mind. KIBM will leverage UC San Diego's and The Salk Institute's preeminence in such fields as neuroscience, biology, cognitive science, psychology and medicine, along with the extensive resources of the broader La Jolla scientific community, to extend its position as the pacesetter in brain-mind research and education, and as a vibrant hub for dissemination of its discoveries to advance science and benefit humankind.

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Please write your question here

Speaker to whom your question is directed:

INFLUENCE OF EARLY EXPERIENCE ON ADULT BRAIN ORGANIZATION AND FUNCTION



A KIBM SYMPOSIUM

Friday, December 2, 2016 / 1:00 - 5:30 pm
Conrad T. Prebys Auditorium, Salk Institute

Co-Chairs

Terry Sejnowski/Salk Institute
Carla Shatz/Stanford University

Sponsored by the KIBM
Co-Directors: Rusty Gage/Salk Institute
& Nicholas Spitzer/UC San Diego



INFLUENCE OF EARLY EXPERIENCE ON ADULT BRAIN ORGANIZATION AND FUNCTION

1:00 - 1:05 pm

Nicholas Spitzer/UC San Diego/KIBM Co-Director

Welcome

1:05 - 1:10 pm

Terry Sejnowski/Salk Institute/Symposium Co-Chair

Opening Remarks

1:10 - 1:30 pm

April Benasich/Rutgers University

Early brain trajectories and evolving oscillations: Template for mature function?

1:30 - 1:50 pm

BJ Casey/Yale University

The effects of early life stress on brain and behavior

1:50 - 2:10 pm

Catherine Dulac/Harvard University

Neurobiology of the parental brain

2:10 - 2:30 pm

Jay Giedd/UC San Diego

The amazing teen brain

2:30 - 2:50 pm

Carla Shatz/Stanford University/Symposium Co-Chair

Making an old brain young? From developmental critical periods to Alzheimer's disease

2:50 - 3:10 pm

20-Minute BREAK/Salk Institute Foyer

3:10 - 3:30 pm

Beth Stevens/Harvard University

How immune cells sculpt developing synaptic circuits

3:30 - 3:50 pm

Mark F. Bear/MIT

Using neurobiology to overcome genetic and environmental adversity

3:50 - 4:10 pm

Matthew State/UCSF

Traversing the path from spontaneous genetic mutations to neurobiology in autism spectrum disorders

4:10 - 4:30 pm

Terry Sejnowski/Salk Institute/Symposium Co-Chair

The challenge of integration

4:30 - 4:35 pm

Carla Shatz/Stanford University/Symposium Co-Chair

Wrap-up

4:35 - 5:30 pm

Question and Answer Session

5:30 pm

Rusty Gage/Salk Institute/KIBM Co-Director

Closing Remarks