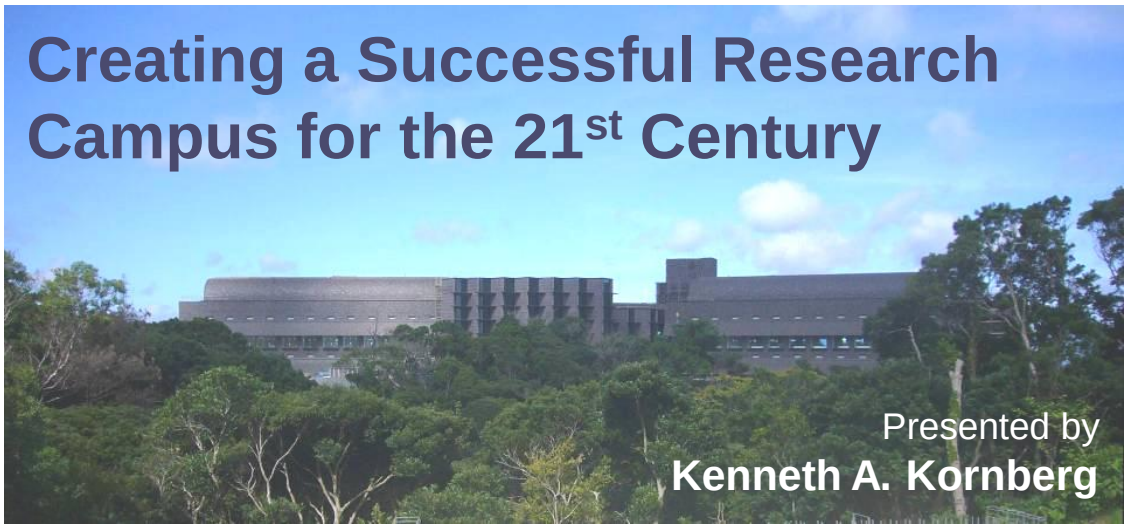
Academy of Neuroscience for Architecture

in partnership with UC San Diego, the Salk Institute & the NewSchool of Architecture & Design present

ANFA INTERFACES

A series of discussions about emerging research at the intersection of Neuroscience and Architecture



Okinawa Institute of Science & Technology is a new 2.5M square foot research campus set on 500 acres of tropical paradise on the island of Okinawa. OIST follows Janelia Farms and Biopolis as one of a wave of new research centers located away from any major academic research hub.

How do you attract and retain 3,000 ambitious scientists to a remote island far from the mainstream of academic research? The answers to this question include Sense of Community, Schools and Cultural Amenities for the Scientists and their Families, Ability to Attract Visiting Scientists and Lecturers, Funding, and the **Quality and Organization of the Institute** (the focus of this presentation), which covers:

- The geographical organization of engineering, chemistry, biology, mathematics, computing, physics, faculty, disciplines in terms of departments, schools, cores, families;
- Aesthetics and environmental responsibilities of introducing a community of 3,000 people and 2.5M square feet of technical facilities into a rural island resort;
- Creating collaboration and interaction in an environmentally sensitive site of 500 acres;
- Planning and architecture that will accommodate continuous change; and
- Maximizing the efficiency of the research activity. This will necessarily spotlight the "usual suspects" of topics: bench size, large lab/small lab, PI office locations, central support, shared equipment, stratification, interstitial space, privacy/ interaction.

Kenneth A. Kornberg is President of Kornberg Associates, a 20-member award-winning architectural firm he founded in 1979. Kornberg Associates specializes in the design of research facilities. The firm has offices in San Diego, CA; Menlo Park, CA; and Tokyo, Japan. Mr. Kornberg has managed more than 500 research facility projects with scopes ranging from feasibility studies to new campus designs. His clients include federal governments, state and local governments, universities, private research and pharmaceutical companies worldwide. He speaks frequently at international lab design conferences and is especially experienced in the design of comfortable and highly interactive research environments.

Commentary by **Terry Sejnowski, *PhD***

A neuroscientist at the Salk Institute and UCSD, and an investigator with the Howard Hughes Medical Institute, **Terry Sejnowski** is a fellow of the American Association for the Advancement of Science and the Institute of Electrical and Electronics Engineers. He has received many honors, including the Wright Prize for interdisciplinary research from Harvey Mudd College, the Neural Network Pioneer Award from the Institute of Electrical and Electronics Engineers and the Hebb Prize from the International Neural Network Society. He was elected to the Institute of Medicine of the National Academies in 2008.

The mission of the Academy of Neuroscience for Architecture is to promote and advance knowledge that links neuroscience research to a growing understanding of human responses to the built environment.

ANFA
ACADEMY OF NEUROSCIENCE FOR ARCHITECTURE

March 17, 2010
6:00 pm

Salk Institute for Biological Sciences
10010 North Torrey Pines Rd.
La Jolla, CA 92037

Free Admission

Reservations Recommended to office@anfarch.org

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