

Stanford Bio-X
Interdisciplinary Initiatives
Seed Grants Program Symposium
March 1, 2017
Clark Center Seminar Room S360
biox.stanford.edu

1:00pm
Introduction
Carla Shatz,
David Starr
Jordan Director,
Stanford Bio-X

1:10pm
Understanding Gyrfication
Dynamics in the Human
Brain
Ellen Kuhl (Mechanical Eng.)
Antonio Hardan (Psychiatry &
Behavioral Sciences)
Roland Bammer (Radiology)

1:50pm
Genome Space Telescope: Bring-
ing DNA Sequence Homology
Search into the 21st Century
Gill Bejerano (Developmental
Biology)
Bill Dally (Computer Science)

2:10pm
Biomolecular Technologies for
Cell-Based Therapeutic Regener-
ation of Spinal Cord Injury
Sarah Heilshorn (Materials Sci.
& Engineering)
Giles Plant (Neurosurgery)
Andrew Spakowitz (Chemical
Engineering)

2:30pm
A Novel "Trigger and Release"
Chemical Strategy for Imaging
Tumor Hypoxia *In Vivo*
Frederick Chin (Radiology)
Edward Graves (Radiation
Oncology)
J. Martin Brown (Radiation
Oncology)

2:50pm
Chemical Design of Lig-
ands to Study Chloride-
Channel Function in the
Central Nervous System
Merritt Maduke
(Molec. & Cell. Phys.)
Justin Du Bois
(Chemistry)
Ben Barres (Neurobio.)
John Huguenard
(Neurology)
Vijay Pande
(Chemistry)

3:10pm
Brain Activity During
Visual-Motor Coordination
in Free-Flying Birds
David Lentink (Mechanical
Engineering)
Eric Knudsen (Neurobiology)

3:30pm
Closing Comments

3:40pm
Reception & Poster Session

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