

AGENDA
2016 TDLC All Hands Meeting
UC San Diego, La Jolla, CA
January 21-23, 2016

Thursday, January 21, 2016 – TDLC Fellows Retreat (RIMAC Annex)
(for students, postdocs and junior researchers)

2:45 Meet in Sheraton Lobby for shared taxis to UCSD's RIMAC Annex

3:00 - 7:00 **Fellows Retreat talks**
7:00 - 8:00 **Panel on career paths**
8:00 - 9:00 **Drinks and socializing**

Friday, January 22, 2016 (San Diego Supercomputer Center Auditorium)

8:20 Shuttle from Sheraton hotel to UCSD

8:30 - 9:00 Breakfast Buffet

9:00 - 9:15 **Gary Cottrell (UCSD)** *Opening Remarks*

9:15 - 10:15 **Rusty Gage (Salk Institute)** *Opening Keynote*
"Recent advances in the study of Adult Neurogenesis"

10:15 - 10:45 Break

10:45 - 12:30 **Neuroscience of Learning**

10:45 **Kamran Diba (U of Wisc, Milwaukee)**
"Regulation of hippocampal firing by network oscillations during sleep"

11:15 **Eric Halgren (UCSD)**
"Electrophysiology of memory replay during sleep in humans"

11:45 **Virginia de Sa (UCSD)** *"Prediction of Memory Encoding with single-trial EEG"*
12:15 discussion

12:30 - 1:45 Lunch

Executive Committee and Advisory Board Lunch (High Tech Conference room)

1:45 - 3:30 **Cognitive Building Blocks**

1:45 **Isabel Gauthier (Vanderbilt)** *"A domain-general visual ability"*

2:15 **Gedeon Deák (UCSD)** *"The Temporal Dynamics of Infant Communication"*

2:45 **Jay McClelland (Stanford)**
"Can neural networks help us understand why math is hard to learn?"

3:15 discussion

3:30 - 4:00 Break

4:00 - 5:00 **Break-out sessions**

5:00 - 7:00 **Posters & Demo Session with hors d'oeuvres** (Synthesis Center Foyer, B1)

6:00, 7:30 Shuttles from UCSD to Sheraton hotel

Saturday, January 23, 2016 (San Diego Supercomputer Center Auditorium)

8:20 Shuttle from Sheraton hotel to UCSD

8:30 - 9:00 Breakfast Buffet

9:00 - 10:45 **Language Learning**

9:00 **April Benasich (Rutgers)** *"Modulating early acoustic mapping impacts infants' processing efficiency and early language discrimination"*

9:30 **Beth Rogowsky (Bloomsburg U)** *"The Effect of Learning Styles on Learning"*

10:00 **Paula Tallal (Salk Institute)** *"Translating Research to Practice: An Action Gap"*

10:30 discussion

10:45 - 11:15 Break

11:15 - 12:00 **Break-out session 1**

12:00 - 12:45 **Break-out session 2**

12:45 - 1:45 Lunch

1:45 - 3:30 **Translation**

1:45 **Eva Dundas (Branching Minds)** *"From Learning Scientist to Learning Engineer"*

2:15 **Jamie Alexandre (Learning Equality)** *"Learning Equality"*

2:45 **Andrea Chiba (UCSD)** *"The TDLC experiment: what have we learned?"*

3:15 discussion

3:30 - 3:45 Break

3:45 - 4:45 **Anat Baniel, Closing Keynote, "NeuroMovement®: Facilitation of learning using neuroplasticity principles - making the seemingly impossible possible"**

5:00 - 9:00 **Banquet** (Bella Vista Caffé, 2880 Torrey Pines Scenic Dr)

5:00 Shuttles from UCSD to Bella Vista Caffé

7:30, 9:15 Shuttles from Bella Vista Caffé to Sheraton hotel