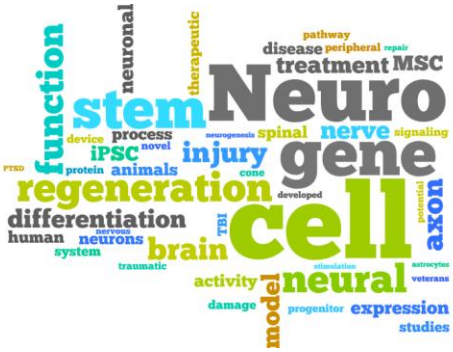

NEUROREGENERATION SYMPOSIUM

REPAIRING THE NERVOUS SYSTEM

Registration is complimentary and required:
http://gccneuroregeneration.blogs.rice.edu/

September 1, 2015

3:30 PM	Welcome, Introductions, Charge to Participants
4:00 PM	Keynote Address ***Combined Electrical Stimulation And Cell Engineering To Formulate New Circuits In The Chronically Injured Spinal Cord*** Philip Horner, Houston Methodist Research Institute
5:00 PM	Posters and Networking Reception (Event Space)

September 2, 2015

9:00 AM	Overview
9:10 AM	**Panel Discussion: Neuro Training Programs** Sean Savitz, PI, University of Texas Houston Stroke Training Program (T32 NINDS) Rob Raphael, PI, NeuroEngineering IGERT (NSF) TBD
10:00 AM	***Stem Cell Therapy for Stroke: From Bench to Clinical Trials*** Sean Savitz, University of Texas Health Science Center at Houston
10:35 AM	***Cell Therapies for Neurotrauma*** Charles Cox, University of Texas Health Science Center at Houston
11:10 AM	***Long term Striatal Changes in Functional Connectivity in Veterans with Mild Traumatic Brain Injury (mTBI)*** Mary Newsome, Michael E. DeBakey VA Medical Center/Baylor College of Medicine
11:45 AM	Session Discussion
12:00 PM	**Breakout Session** *with Lunch (Event Space)*
1:30 PM	***Scalable Neurotechnologies*** Jacob Robinson, Rice University
2:05 PM	***The Challenges of Mammalian Hair Cell Regeneration*** Andy Groves, Baylor College of Medicine
2:40 PM	***Localized Inhibition of P2X7 Receptors Using a Nanocomposite Hydrogel Improves Locomotion and Bladder Function after Spinal Cord Injury in Rats*** Alvaro Munoz, Houston Methodist Research Institute
3:15 PM	***Daam2-PIP5K Is a Regulatory Pathway for Wnt Signaling and Therapeutic Target for Remyelination in the CNS*** Hyun-Kyoung Lee, Baylor College of Medicine
3:40 PM	Session Discussion
4:00 PM	*Break*
4:10 PM	**Break-In Discussion**
5:00 PM	Conclusion, Closing Remarks, and Awards
5:10 PM	Reception (Event Space)

Sponsored by a 2014 Dunn Collaborative Event Award &

A collaboration between the **NeuroEngineering** & **Regenerative Medicine Clusters** of the *Gulf Coast Consortia*

Gulf Coast Consortia for Quantitative Biomedical Sciences