CHEMISTRY Departmental Seminar

Fall 2018
CHEM 285/191 Schedule
Tuesdays at 4:30-5:45PM
Room Duncan Hall 250

November 13th, 2018

Dr. Diego Rey
Y Combinator

The Applications Layer of Biology

Abstract:
Life sciences is entering 'the applications layer'. Development of communications technologies used to focus on infrastructure, e.g. transistors, the internet, switching, etc, while now it's focused on building applications on that infrastructure. The same is happening in biology. The barrier to entry for innovating in life sciences has been lowered. The question of 'can you build it' is less important now than the question of 'what should you build'. This talk will discuss the applications layer of biology and highlight how startups are the best way to operationalize innovation.

Biography:
Diego Rey was most recently a Visiting Partner at Y Combinator, a startup accelerator that has funded over 1,500 startups since 2005 with a combined value of over $100B. Prior to that Diego was a co-founder and the CTO of the clinical diagnostics startup GeneWEAVE, which was acquired by Roche, the global leader in in vitro diagnostics. GeneWEAVE is focused in advancing clinical microbiology with diagnostic solutions that will enable hospitals and physicians around the world to prevent and treat drug-resistant infections. Diego was born in Patagonia, Argentina and later moved to Palo Alto, California. He received his BS in Electrical Engineering from UC Santa Barbara in 2004 and went on to Cornell University where he earned his MS and PhD in Biomedical Engineering and during which time he started GeneWEAVE.

For more information: Prof. Simocko at chester.simocko@sjsu.edu or Prof. Wang at ningkun.wang@sjsu.edu

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