

# May 14: Andrew Su, Ph.D., Crowdsourcing Biology: The Gene Wiki, BioGPS, and Gene Games



## SYNOPSIS:

With over one million new biomedical publications indexed in PubMed every year, new biological knowledge is being generated at a breakneck pace. However, the scientific community's ability to fully utilize that knowledge has not kept pace with the rate of knowledge generation. Developing better tools to efficiently query, summarize, and analyze the sum total of biomedical knowledge is a pressing challenge for the research community.

"Crowdsourcing" is one mechanism for addressing massive challenges by harnessing the collective efforts of large communities. Scientists and biologists are increasingly applying crowdsourcing toward research problems. In this presentation, Dr. Su will present three such efforts that focus on both organizing and generating new biological knowledge on the function of human genes.

[Session details...](#)

## BIO:

Andrew Su is an Associate Professor at the Scripps Research Institute in the Departments of Molecular and Experimental Medicine and Integrative Structural and Computational Biology. His research focuses on applying the tools of bioinformatics, statistics, crowdsourcing, and computer science to biomedical discovery. Prior to joining Scripps in July 2011, he was the Associate Director of Bioinformatics at the Genomics Institute of the Novartis Research Foundation in San Diego, California. He also serves as the Gene Wiki Editor at the journal *Gene* and on the Scientific Advisory Board of the Gene Ontology Consortium. Dr. Su received his Ph.D. in Chemistry from the Scripps Research Institute and a B.A. in Chemistry, Computing and Information Systems, and Integrated Science from Northwestern University.

## SUMMARY:

Topic: Crowdsourcing Biology: The Gene Wiki, BioGPS, and Gene Games

Speaker: Andrew Su, Ph.D., Associate Professor, Scripps Research Institute

Date: Wednesday, May 14, 2014

Time: 11 AM – 12 PM EDT

You are invited to listen to Dr. Su's presentation in Room 2W908 in the NCI Shady Grove Building on Medical Center Drive or via WebEx.

Presentation: A screen cast of the presentation will be available for viewing after the event here on the [NCI CBIIT Speaker Series YouTube Playlist](#)



. The presentation slides are also attached.

*About the NCI CBIIT Speaker Series:*

The National Cancer Institute (NCI) Center for Biomedical Informatics and Information Technology (CBIIT) Speaker Series is a bi-weekly knowledge-sharing forum featuring both internal and external speakers on topics of interest to the biomedical informatics and research communities. For additional information, including past speaker series presentations, visit the [CBIIT Speaker Series page](#).

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