Stanford

Katie Wang

Director, Pre-Professional Advising, Academic Advising Operations

Bio

BIO

Katie Wang is the Director of Pre-Professional Advising in the office of Academic Advising, where she is an advisor focusing on pre-health advising to Stanford undergraduates. Her advising conversations with students include academic planning for careers in pre-health fields, exploring interests, identifying goals, choosing majors, assessing academic progress, connecting with faculty, enhancing study habits and other academic skills, finding opportunities for research and service, applying for grants and fellowships, navigating university requirements and policies, and other aspects of students' academic endeavors. Katie was previously an Academic Advising Director. Prior to joining Academic Advising in 2013, Katie was a Postdoctoral Fellow at the University of California- San Francisco, where she used molecular, genetic, and biochemical methods to better understand how serotonin regulates fat and feeding behavior.

CURRENT ROLE AT STANFORD

Director of Pre-Professional Advising

EDUCATION AND CERTIFICATIONS

- Ph.D., Stanford University , Biological Sciences
- B.A., Cornell University , Biological Sciences

Publications

PUBLICATIONS

- **Kynurenic Acid Is a Nutritional Cue that Enables Behavioral Plasticity.** *Cell*
  Lemieux, G. A., Cunningham, K. A., Lin, L., Mayer, F., Werb, Z., Ashrafi, K.
  2015; 160 (1-2): 119-31
- **Loss of a Neural AMP-Activated Kinase Mimics the Effects of Elevated Serotonin on Fat, Movement, and Hormonal Secretions** *PLOS GENETICS*
  Cunningham, K. A., Bouagnon, A. D., Barros, A. G., Lin, L., Malard, L., Romano-Silva, M. A., Ashrafi, K.
  2014; 10 (6)
- **AMP-Activated Kinase Links Serotonergic Signaling to Glutamate Release for Regulation of Feeding Behavior in C. elegans** *CELL METABOLISM*
  Cunningham, K. A., Hua, Z., Srinivasan, S., Liu, J., Lee, B. H., Edwards, R. H., Ashrafi, K.
  2012; 16 (1): 113-121
- **Fat Rationing in Dauer Times** *CELL METABOLISM*
  Cunningham, K. A., Ashrafi, K.
  2009; 9 (2): 113-114
- **The histidine kinase inhibitor Sda binds near the site of autophosphorylation and may sterically hinder autophosphorylation and phosphotransfer to Spo0F** *MOLECULAR MICROBIOLOGY*
  Cunningham, K. A., Burkholder, W. F.

2009; 71 (3): 659-677

- **Histidine Kinase Regulation by a Cyclophilin-like Inhibitor** *JOURNAL OF MOLECULAR BIOLOGY*
  Jacques, D. A., Langley, D. B., Jeffries, C. M., Cunningham, K. A., Burkholder, W. F., Guss, J. M., Trewhella, J.
  2008; 384 (2): 422-435

- **Structure and mechanism of action of Sda, an inhibitor of the histidine kinases that regulate initiation of sporulation in Bacillus subtilis** *MOLECULAR CELL*
  Rowland, S. L., Burkholder, W. F., Cunningham, K. A., Maciejewski, M. W., Grossman, A. D., King, G. F.
  2004; 13 (5): 689-701

- **Maize BMS cultured cell lines survive with massive plastid gene loss** *CURRENT GENETICS*
  Cahoon, A. B., Cunningham, K. A., Bollenbach, T. J., Stern, D. B.
  2003; 44 (2): 104-113

- **The plastid clpP gene may not be essential for plant cell viability** *PLANT AND CELL PHYSIOLOGY*
  Cahoon, A. B., Cunningham, K. A., Stern, D. B.
  2003; 44 (1): 93-95