

Jackson Liang
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Education

University of California – Los Angeles (UCLA), Fall 2008 – Fall 2011
B.S. in Molecular, Cell, and Developmental Biology (MCDB)
Graduated summa cum laude

Stanford School of Medicine, Fall 2012 – present
Graduate student in the Molecular and Cellular Physiology (MCP) PhD program

Awards and Honors

- Alpha Lambda Delta and Phi Eta Sigma National Honor Societies (2008-2011)
- UCLA Golden Key (2010-2011)
- AT&T Foundation Scholarship (2008-2011)
- NIH Cellular and Molecular Biology Training Grant (2012 – present)

Research Experience

Campbell-Sturm Lab at UCLA, 2010 – 2012

- Adviser: David Campbell (Department of MIMG)
- X-ray crystallography of *Trypanosoma brucei* mRNA cap-binding proteins
- Analysis of *T. brucei* and *Leishmania tarentolae* SL RNP splicing complex
- Proteomic analysis of SUMOylated proteins in procyclic form of *T. brucei*

O'Brien Lab at Stanford, 2013 – present

- Adviser: Lucy O'Brien (Department of MCP)
- Tissue level stem cell dynamics in the adult *Drosophila* midgut

Research Interests

- Regulation of tissue size in adult organisms
- Tissue-level control of stem cell activity

Teaching Experiences / Employment History

Infrastructure Academy (LADWP program), Winter 2009 – Spring 2010

- Creating high school curriculum for environmental science courses

Teaching Assistant at UCLA, Spring 2012

- Taught LS 23L – Introductory Biology Lab (Professor: Dr. Gaston Pfluegl)
- Awarded the UCLA “2012 Certificate of Distinction in Teaching”