

Biology

Session **C**

Room: 101 Schlinger

2:50 - 3:10 PM	Kara Z. Lo Caltech <i>Stanley and Chenmei Hsu</i> SURF Fellow	Characterizing estrogen-related receptor function during nephron tubule development using zebrafish	Marianne Bronner <i>Edward B. Lewis Professor of Biology</i> Tianli Qin <i>Postdoctoral Scholar Research Associate in Biology and Biological Engineering</i>
3:10 - 3:30 PM	Pranati N. Chintada Caltech <i>Mr. Alan Menezes and Dr. Karsyn Bailey</i> SURF Fellow	Evaluating the effectiveness of different transposon systems for genomic integration in chicken embryos	Marianne Bronner <i>Edward B. Lewis Professor of Biology</i> Junpeng Gao <i>Graduate Student in Biochemistry and Molecular Biology</i>
3:30 - 3:50 PM	Jaidyn M. Woods Caltech <i>Rossum Family SURF Fellow</i>	Tbx1 gene regulatory network in mandibular development	Marianne Bronner <i>Edward B. Lewis Professor of Biology</i> Sierra S. Marable <i>Senior Postdoctoral Scholar Fellowship Trainee in Biology and Biological Engineering</i>
3:50 - 4:10 PM	Nishanth Chavourkar University of California, Berkeley <i>Amgen Scholar</i>	Analysis of the exploratory dynamics of microtubule search for kinetochores during cell division	Rob B. Phillips <i>Fred and Nancy Morris Professor of Biophysics, Biology, and Physics</i> Minakshi Ashok <i>Graduate Student in Bioengineering</i>
4:10 - 4:30 PM	Philip-David Medows Caltech <i>Taylor Lawrence SURF Research Fellow</i>	Cues in exploratory dynamics: To sense or not to sense	Rob B. Phillips <i>Fred and Nancy Morris Professor of Biophysics, Biology, and Physics</i> Sara Mahdavi <i>Graduate Student in Biochemistry and Molecular Physics</i>
4:30 - 4:50 PM	Zitao Yang Caltech <i>Thomas Hunt Morgan SURF Fellow</i>	Energetics of gradients in biology	Rob B. Phillips <i>Fred and Nancy Morris Professor of Biophysics, Biology, and Physics</i> Sara Mahdavi <i>Graduate Student in Biochemistry and Molecular Physics</i> Minakshi Ashok <i>Graduate Student in Bioengineering</i>