

UC Davis Genome Center
2018 HALLOWEEN SYMPOSIUM

EPIGENOMICS:
GHOST  GENOME

Wednesday, October 31st

8:00 am - 3:00 pm, GBSF 1005 and LOBBY

- 8:00 am** Coffee and refreshments
Pumpkin and Poster set-up; sign-in for Costume contests, *Lobby*
- 8:30 am** Primer "**What is Epigenomics?**" *Dr. Janine LaSalle; UC Davis, Associate Director, Genome Center, Professor MMI*
- 8:55 am** Opening Remarks, *Dr. David Segal; UC Davis, Professor, Genome Center, Biochemistry and Molecular Medicine, Pharmacology, and MIND Institute*
- 9:00 am** **Dr. Kelly Frazer; Key Note Lecture**
Professor of Pediatrics and Director, Institute for Genomic Medicine, UC San Diego
"Using iPS cells and derived cell types to functionally annotate human genetic variants"
- 10:00 am** **Break;** *poster and pumpkin viewing*
- 10:20 am** "**Epigenomics assays offered in the DNA Technologies Core**" - *Lutz Froenicke; DNA Technologies Core Manager*
- 10:40 am** "**Epigenomic editing technologies**" - *Henny O'Geen, UC Davis Segal Lab Project Scientist*
- 11:00 am** "**Measuring R-loop formation in the human genome using single molecule long read sequencing coupled to bisulfate probing**" - *Maika Malig, UC Davis IGG Student*
- 11:20 am** "**UBE3A in neuronal epigenomic networks**" - *Jesse Lopez, UC Davis IGG Student*
- 11:40 am** "**Chromatin Architecture in Tomato**" - *Alex Mason, UC Davis Postdoctoral Fellow*
- 12:00 pm** **Lunch Break***
Final voting for Posters, Pumpkin Carving & Best Costume contestants, *Lobby*
- 1:30 pm** **Dr. Steve Jacobsen; Key Note Lecture**
*Investigator, HHMI, Professor,
Department of Molecular, Cell, and Developmental Biology,
Department of Biological Chemistry, David Geffen School of Medicine, UC Los Angeles*
"DNA methylation in Arabidopsis"
- 2:30 pm** Closing remarks; Announcement of Raffle, Poster & Contest Winners ¹

Pumpkin Carving & Costume Contests – Best Individual Costume, Best Lab/Group Costume
Poster and Costume Contestants: please register during set up at 8:00 am, in the Lobby.

*Complementary lunch for the first 150 morning seminar attendees

¹\$250 Meeting Travel Award for Best Poster; \$2000 Raffle winner for services from the GC Core of your choice; Must be present to win.