

Center for Cellular Construction
APRIL 5, 2019 Quarterly Meeting
AGENDA

- [11:00 -12:00 **PI ONLY MEETING** Mission Hall 550 16th St., SF 94158, Room 1402]
- 12:00 – 1:00 **Lunch** with everyone outside Mission Hall rooms 1401/1402
- 1:00 – 5:00 Center-wide meeting- Mission Hall 1401/1402**
- 1- 1:30 Wallace (overview cellCAD + lab research) (20 mins + 10 mins questions)
- 1:30- 2 Jennifer Fung (overview cellular inference engine project + research)
- 2 - 2:30 Dan Fletcher (overview cell legos + research)
- 2:30- 2:40 Robert McGinn- announcement re: survey to go out to entire center ~ 10 mins
- 2:40 – 3 break
- 3:00- 3:30 Orion Weiner- yeast cell size / explosion project
- 3:30- 4 Will Chadwick + Sujoy (overview bioreactor + collab)
- 4-4:10 Will Chadwick- template for CCC posters
- 4:10- 5:10 talks – 10 mins + 5 mins questions (15 mins)
- Olivia Creasey –(Gartner Lab)
 "Quantifying structure in pancreatic islets of Langerhans"
- Luke Blauch – (Tang lab)
 "Divide and Conquer: Cutting-edge CCC Collaborations"
- Jessica Bolivar-McPeck (Riggs lab)
 "Investigating forces that contribute to spindle rotation in Drosophila
 Melanogaster"
- Parry Grewal – (Dueber lab)
 "Developing yeast peroxisomes into engineerable chemical factories"
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- AFTER HOURS Student/Postdoc Networking session -organized by Will Chadwick
 Talks by Gabriela Alvarez (Chan Lab); Angelina Chemel (Chan lab);
 Frederick Santana (Burrus lab); Wesley Huang (Chu lab)

CCC LISTSERVES

Contact Debra Singer (debra.singer@ucsf.edu) to be added to the full CCC listserve

CCC RESEARCH PROJECTS and MAIN ACTIVITIES

[Project 1 Cellular Machine Shop and Core](#)

[Project 2 CellCAD](#)

[Project 3 Cellular Legos](#)

[Project 4 The Living Bioreactor](#)

[Project 5 Cell-State Inference Engine](#)

[Diversity and Broadening Participation](#)

[Knowledge Transfer](#)

[Undergraduate and Graduate Education](#)

[High School Education](#)

[Public Outreach](#)

The Center for Cellular Construction is an NSF Science and Technology Center (STC) supported by NSF grant **DBI-1548297**.

Expectations for NSF STCS are to:

- produce transformative research and new approaches to pressing societal challenges;
- grow diversity and expand workforces
- education, outreach, broadening participation programs are integral components
- the focus is on multi-disciplinary project and results-driven programs with potential for high impact within a 5-year period.

<https://www.nsf.gov/od/oa/programs/stc/>

The cooperative award number: **DBI-1548297**.

Acknowledge NSF STC Award in ALL center-related publications, presentations, websites, social media.

PI: Wallace Marshall. Co-PIs: Zev Gartner, Wendell Lim