2021 Physics/AP/SLAC Summer Research

physics-summer-research.stanford.edu
What We’ll Cover Today

• **Introductions**
• Schedules and tips for getting the most out of your research quarter
• Goal setting and check-in meetings
• Weekly presentations/workshops
• Paychecks
Introductions

• Who are we?
  • Chaya Nanavati
  • Elva Carbajal
  • Lauren Riddiford, Rachel Gruenke
  • Ben Feldman

• Who are you as a group
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Summer Schedule

• 10 weeks: June 21\textsuperscript{st} – August 27\textsuperscript{th}

• Tuesdays at 9:00AM PDT: professional development workshops or faculty seminars

• Mini-talks over Zoom August 26-27
What “hours” should I work?

• ~40 hours / week
• Summer research is not compatible with other activities during the day, e.g. taking a summer course, other day job, etc.
  • This year only, an exception: up to 5 units of credit 10 hours of work per week.
• Consult with your mentors so you have overlap in work hours
• **Set up a daily meeting with your mentor**
• Try to attend group meetings and journal clubs
Code of Conduct

• Be **professional**; this is a job, not a class
• **Communication** is key! Check your emails!
  – Talk with people in your group regularly! Be on the same page
  – Talk to your peers! They are great resources, and many of you might encounter similar problems
  – Talk to us whenever needed! We are here to help

• How to address people?
  – Professors: Ask their preference or start with “Professor X” and see how it goes
  – Grad students and postdocs: First names
- **Ask questions** from Day 1.
- Know your main ‘supervisor’ aka mentor
- **Identify your project** by end of first week
- Read literature, especially review articles
- Participate in group activities, both work and play

- If you feel like a mushroom, **seek help**... from faculty advisor, postdocs & grad students in the group, Ben, Chaya, Elva, Lauren, Rachel
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Goal Setting

- Start with Project Summary from your Summer Application
- **Final goals due on Gradescope by noon Tuesday 6/29**
- More about this at today’s workshop
Check-in Meetings

• We will have one-on-one meetings with each of you around the halfway point
• You will get a chance to tell us
  • what is working or not working
  • if you need additional resources
  • ...
• We will send a sign-up link as well as information on uploading your reflections to date.
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Faculty Research Presentations

(Tuesdays, at 9:00 AM PDT)

• ~ 1 hour talk by a faculty member
  • Phil Bucksbaum, Yuri Suzuki, Ariel Schwartzman, Susan Clark, Wah Chiu

• BYOM (bring your own meal)
Professional Development Workshops
(Tuesdays, at 9:00 AM)

Research Skill Development
• Setting Goals for the Summer (today)
• Poster and Mini-Talk Workshop
• Undergraduate Student Mini-Talks on Thursday-Friday, August 26-27

Other planned events year:
• Physics career paths
• Lightning Intro. to Physics Subfields
• Impostor syndrome
• Physics GRE prep; if interested see http://www.slac.stanford.edu/~sanha/teaching_advising/phy_GRE/

• Think about ways you want to “meet-up” with other participants
WOW! What All Have I Signed Up For?

• Research, i.e., Fun with Science
• Tuesday mornings starting at 9:00 AM PDT
  – Faculty research seminar and/or
  – Professional development
• Mini-talks (August 26-27)
  – Expect to spend the last week preparing for your mini-talk and writing a one-page summary
• Optional, but strongly recommended:
  – Monitor & participate in Slack channel and Gathertown platform for community building – remote does NOT mean alone
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Paychecks

• VPUE-funded students should have received their check
• We’re processing other students payments now
• Sent to direct deposit or to the mailing address of record on Axess
Resources

Contacts:
Ben Feldman: bef@Stanford.edu
Chaya Nanavati: nanavati@Stanford.edu
Elva Carbajal: elva@Stanford.edu
Lauren Riddiford: lridd@Stanford.edu
Rachel Gruenke: rgruenke@Stanford.edu

This slide deck will be available at:
https://physics.stanford.edu/academics/undergraduate-students/undergraduate-research/physics-undergraduate-springsummer-research

Registration link for Tuesday Zoom activities:
https://stanford.zoom.us/j/97440808938?pwd=RFhpQS9CbVIgQnNvT1hOK3RSdDlmz09

gather.town link:
https://gather.town/app/cVBPbFNLjkXJWN0g/SURP%20Coffee%20Break
Thank you for your attention!

Hope you get a lot out of your summer research!

Questions?