What We’ll Cover Today

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

• Who are we?
  • Chaya Nanavati
  • Elva Carbajal
  • Lauren Tompkins
  • Lauren Riddiford
  • Ben Feldman

• Who are you as a group
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Summer Schedules

• 10 weeks: June 22 – August 28
• 8 weeks: June 22 - August 14*
• 8 weeks: July 6 – August 28
• Mini-talks:
  • *August 14 (for students on the first 8 week schedule)
  • August 28 (for students ending on August 28)
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.
- Consult with your mentors so you have overlap in work hours
- **Set up a daily zoom meeting with your mentor**
- Try to attend group meetings and journal clubs
• **Be professional**; this is a job, not a class

• **Communication** is key! Check your emails!
  – Talk to your advisers 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
Tips for getting the most out of your summer

• **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 R, Lauren T
• How to address people?
  – Professors: Start with “Professor X”, see how it goes
  – Grad students and postdocs: First names
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Goal Setting

• Start with Project Summary from your Summer Application

• **Final goals due on Gradescope by noon Monday 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
(Mondays, at 9:00 AM)

• ~ 1 hour talk by a faculty member

• BYOM (bring your own meal)
Professional Development Workshops
(Mondays, at 9:00 or 10:15 AM)

Research Skill Development
• Setting Goals for the Summer (today)
• Graduate student panel
• Lightning Intro. to Physics Subfields
• Poster and Mini-Talk Workshop
• Undergraduate Student Talks
• Physics GRE prep; if interested see https://www.slac.stanford.edu/~sanha/teaching_advising/phy_GRE/
Guided start version
KIPAC folks will hold zoom workshops this week to cover:
  1) computing setup and Jupyter notebooks
  2) basic python and astropy
  3) Unix basics

DIY version
KIPAC students and post-docs have put together tutorials to self-teach python programming:
https://github.com/KIPAC/BootCamp/blob/master/docs/Getting_Started.md
WOW! What All Have I Signed Up For?

• Research, i.e., Fun with Science
• Monday mornings starting at 9:00 AM PDT
  – Faculty research seminar and/or
  – Professional development
• Mini-talks (either August 14 or August 28)
  – Expect to spend the last week preparing for your mini-talk and writing a one-page summary
• Optional, but strongly recommended:
  – Python bootcamp
  – Monitor & participate in Slack channel for community building – remote does NOT mean alone
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Pay Checks

- Have you received your check yet?
- Sent to direct deposit or to your mailing address of record on Axess
Thank you for your attention!

Hope you get a lot out of this summer!
This slide deck is available at:

https://physics.stanford.edu/academics/undergraduate-students/summer-research/physics-undergraduate-summer-research