Chunhui Du  
Physics  
ltd@cphys.ucsd.edu  
1 or 2  
Either  
https://du.ucsd.github.io/  
Optical experiment, programing and coding, exfoliate layered materials, etc.  
Motivated to work in the lab at least 8 hours in a week.

Jeremy Musselman  
Chemistry and Biochemistry  
musselman@ucsd.edu  
1 or 2  
Student with independent project  
We design and develop new inquiry-based learning practices enabled by 3D printing for integration into introductory and upper-level chemistry classes.  
Either CAD Modeling and 3D printing  
Basic chemistry knowledge (preferably CHEM 40AB or equivalent) and experience with CAD modeling (autodesk).

Paul T. Stegel  
ICE/CMRR  
stegele@ucsd.edu  
1-2  
Research assistant  
Application and development of machine learning tools to predict, model, and improve the performance of non-volatile memories and storage devices.  
Project best suited to students in ECE, CS, Cognitive Sciences, and Mathematics

Monica Allen  
Physics  
ottallen@physics.ucsd.edu  
1  
Research assistant  
https://allen.physics.ucsd.edu  
The undergraduate researcher would potentially assist with preparation and/or characterization of devices in the Nano3 facility at UCSD. Minimum 20 hour/week commitment.  
Prerequisite coursework: PHYS 4A-E. Minimum GPA: 3.5.

Liang Yang  
Physics  
lyang@ucsd.edu  
1  
Research assistant  
https://lyang.ucsd.edu/  
Working on building particle physics detectors.  
Hands-on experiences with design and building projects desired.

Mattia Serra  
Physics  
rmserra@ucsd.edu  
2  
Student with independent project  
https://www.mattiaserra.com/  
Theoretically strong candidates + top GPA

William Kim  
Medicine  
wkim@ucsd.edu  
2  
Either  
Combining genomic data analysis with functional genetics to identify new cancer targets  
Flexible  
Strong motivation to learn

Oleg Shpyrko  
Physics  
oshpyrko@ucsd.edu  
1-2  
Either  
oleg.ucsd.edu  
TBD  
TBD  
Interest in experimental materials physics research

Tom Coringhale  
Scripps Institution of Oceanography  
coringhale@ucsd.edu  
2 to 8  
Either  
https://coringhale.ucsd.edu/  
Policy students will be expected to conduct a literature review, collect and evaluate climate action plans, and write up a final paper and presentation. Computer science students will be expected to contribute code and processed data to a shared github repository, and write up a final report and presentation.  
Real candidates will have experience in machine learning or computational linguistics and / or a demonstrated interest in the study of climate change and climate policy. Preference will be given to students with relevant coursework whose GPA exceeds 3.7, but this is by no means a fixed requirement. No research experience is necessary.

Mirle Rabinowitz Bussel  
Urban Studies and Planning  
mbussel@ucsd.edu  
2-3  
Either  
https://usp.ucsd.edu/people/faculty/profiles/rabinowitz-bussel.html  
I don't have any specific qualifications.