

# PROTOTYPE TESTING INTERN - ALL POWER LABS

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## **ABOUT ALL POWER LABS & ENERGIZE COLLEGES**

**All Power Labs (APL, [www.allpowerlabs.com](http://www.allpowerlabs.com))** designs, engineers, and manufactures biomass gasification energy platforms. We create physical tools and information resources for people to be able to make and use renewable energy.

**The Energize Colleges ([www.energizecolleges.org](http://www.energizecolleges.org))** program places students in internships and provides trainings and mentoring to jumpstart your green energy career. This position is available to Cal students through Energize Colleges - UC Berkeley.

## **THE POSITION**

The objective of this position is to test how system operating conditions - such as reduction temperature, feedstock throughput, feedstock moisture content, and grate shaking intensity - affect the resulting tar content and syngas composition of [APL's biomass gasifier](#). The intern will document results for use in internal and grant reports.

As a member of the Energize Colleges cohort, the student will also be expected to attend monthly trainings on UC Berkeley's campus over the course of your internship. More information on these trainings will be available closer to the start date, but you can see past topics [here](#).

**Salary: \$500 stipend**  
**Internship Dates: May 26 - August 14, 2020**  
**10-20 hours/week**

## **BENEFITS**

All Power Labs is an [award-winning](#) leader in developing a personal scale waste-to-energy appliance. APL interns will have the opportunity to work alongside an unusual combination of experienced, hands-on fabricators and university-trained scientists and engineers.

As a member of Energize College's cohort, you will be provided with the hands-on experience and the connections you need to build a successful, well-paid career in the green energy sector. The intern will have access to our monthly job skills trainings with guest speakers who work in energy as well as professional development support from Energize Colleges staff.

## **REQUIREMENTS**

- Be a currently enrolled graduate or undergraduate student at UC Berkeley pursuing an environmental, energy, engineering, or related degree
- Possess excellent written and oral communication skills
- Be able to provide valid Federal I-9 form required identification and authorization for employment
- Be detail oriented and data driven
- Be dependable and committed to the internship for its entire duration



Exact working hours will be negotiated but the intern is expected to maintain a generally consistent weekly schedule as compatible with class and other work schedules. All work hours must be spent on site at All Power Labs' office located at: 1010 Murray St, Berkeley, CA 94710.

### **To APPLY**

To apply please send **an application cover sheet (below), resume,** and short cover letter to Energize Colleges at [emily.hill@berkeley.edu](mailto:emily.hill@berkeley.edu) and be sure to Cc: [bear@allpowerlabs.com](mailto:bear@allpowerlabs.com).

Applications are accepted on a rolling basis through March 29.

*Energize Colleges is proud to be an equal opportunity employer. We strive to reflect the diverse communities we serve, especially those most impacted by climate change and other kinds of environmental, social, and economic injustices. Persons of color, persons with disabilities, older adults, and members of the LGBTQ community are strongly encouraged to apply.*



[www.allpowerlabs.com](http://www.allpowerlabs.com)



ENERGIZE  
COLLEGES [www.energizecolleges.org](http://www.energizecolleges.org)

# ENERGIZE COLLEGES SUMMER 2020 COHORT APPLICATION COVER PAGE

Date:

First name:

Last name:

School email:

Preferred email?

Permanent email:

Preferred email?

Phone number:

Mailing address:

Address 2:

City:

State:

Zip:

Permanent address:

(leave blank if same as mailing address)

Address 2:

Major:

Declared?

Expected graduation:

