



HEAT ISLAND GROUP

The Berkeley Lab Heat Island Group (<http://HeatIsland.LBL.gov>) works to cool buildings, cities, and the planet by making roofs, pavements, and cars cooler in the sun.

We have an immediate opening for a sophomore or junior undergraduate research assistant to help assess and develop energy-saving Cool Wall technologies. Please visit <http://goo.gl/LY2fRU> to learn more about this project.

You will make routine laboratory measurements of the radiative properties of wall product specimens as they are retrieved from field exposure. You will be trained by and work closely with one of our group's research associates. Your initial responsibilities will include the following:

- Measuring spectral reflectance with a spectrophotometer
- Measuring solar reflectance with a reflectometer
- Measuring thermal emittance with an emissometer
- Photographing specimens
- Upkeep of our lab spaces

Familiarity with radiative measurement instruments is not required—training will be provided.

Our ideal candidate is detail-oriented and is able to perform repetitive laboratory work meticulously. We also ask that you:

- Sophomore or junior undergraduate student
- Have some previous laboratory experience
- Have a willingness to learn
- Be able to work independently
- Have strong communication skills (oral and written)

We expect that you will be able to work about 10 hours per week.

To apply, please email your resume and academic transcript to Ronnen Levinson (RMLevinson@LBL.gov) and Sharon Chen (SSChen@LBL.gov) with subject line “Cool Walls student research assistant”.