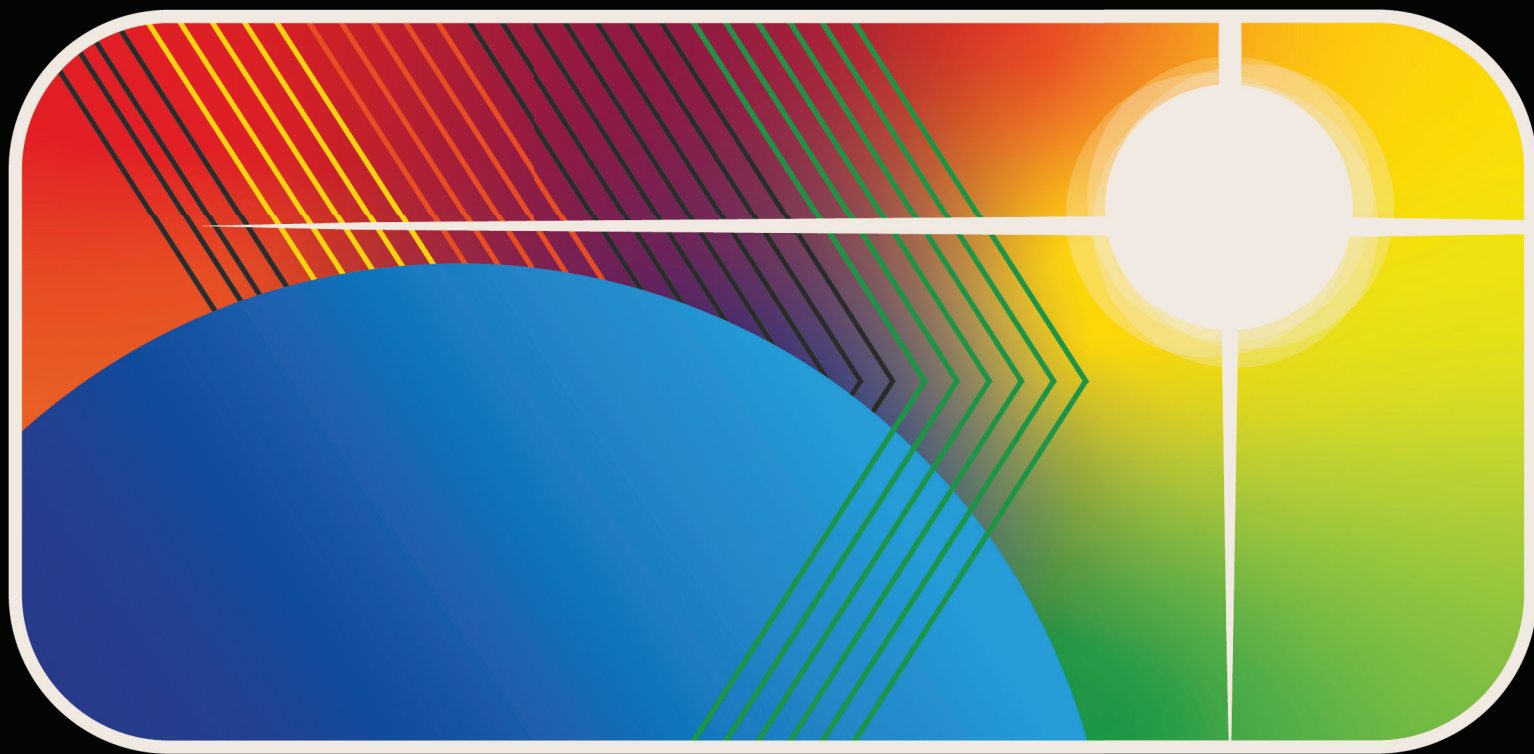




S O L A R

R E C R U I T M E N T P A C K E T





**Solar solutions:
By each of us,
For all of us.**

S O L A R

YEAR THREE



Solar solutions.

Design Create Solar is the **largest and most successful** student-run solar-focused club on campus. Over the past two years, the solar team has designed and created **three** distinct solar energy solutions:

1●

THE SOLAR CAR.

Design Create Solar, in its first year, collaborated with UCLA's **Super Mileage Vehicle (SMV)** team to design and build the compact solar generator which powered SMV's vehicle.

Status: project was a success. The vehicle ran at its maximum speed of 25 mph using the solar panels and a solar engine built by the solar team.



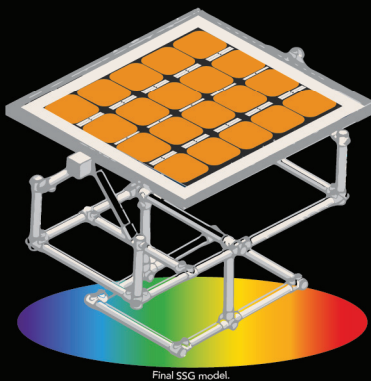
First successful test: May, 2019.

●2

THE SMART SOLAR GENERATOR.

The project selected for our **@UCLA initiative** for our second year was the design and construction of a Smart Solar Generator which would allow UCLA students to **charge devices on campus** using solar energy. The generator runs on a program which **tracks the sun** to maximize efficiency and energy stored.

Status: all materials have been printed but are only now being assembled due to COVID-related delays. Manufacturing should be completed in a matter of weeks.



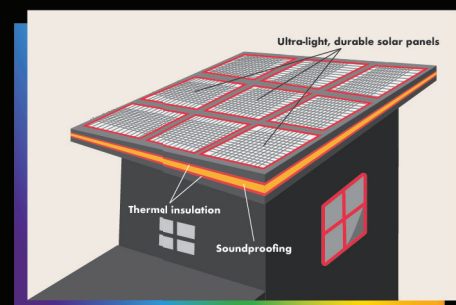
Final SSG model.

●3

THE SOLAR ROOF.

The focus of our **IMPACT project** this past academic year was to develop a solar roof that could be implemented in the **Jerash Camp for Refugees in Jordan**. The goal of the Solar Roof Project is to create solar roofs for homes in Jerash which have thermal insulation, sound proof features, and solar energy generating capacity.

Status: Our design has been approved by the United Nations Relief and Works Agency (UNRWA) but has yet to be installed due to COVID-related delays.



Solar roof representation.

By each of us.

Design Create Solar is a multidisciplinary organization whose focus is finding sustainable solutions to environmental, social, and economic challenges, both at UCLA and beyond. Though the solar team began as a ragtag group of engineers, it persists today because of the collaborative work of business majors, design majors, film majors, and engineers. Our club consists of a diverse set of students interested in sustainability and the promising future of solar energy solutions.



Vaibhav! VICE PRESIDENT

Vaibhav is an electrical engineering student who is a founding member of the solar team. He joined the team because it gives him a chance to actually impact large-scale projects that have a direct impact on people and which help further his own education. As Vice President of the team this year and founder of the electronics team, he is chiefly concerned with ensuring the club meets its goals set for this year while bolstering the efficiency of these projects.



Mackenzie! MARKETING DIRECTOR

Mackenzie is a marine biology student who is a part of the marketing team. She joined the team to not only inspire renewable energy initiatives and promote a healthier planet, but to directly help people in this process. As a marketing lead this year, she works with the marketing team to communicate both the progress and goals of Solar to the surrounding community, recruit passionate new members, edit some pretty cool videos, and incite environmental and societal sustainability.



Patrick! BUSINESS DIRECTOR

Patrick is a first year Pre-Human Biology and Society major who joined DCS because I was drawn to its goals towards sustainability. Patrick is interested both in the engineering side as well as the marketing side of DCS, but he found his place on the business team. He's now working as business director to broaden DCS's message online and on-campus, and raise and manage funds for our (often expensive) projects.



For all of us.

Design Create Solar sees solar energy solutions as a means of **remedying environmental, economic, and social injustices**. We therefore understand that environmental inequities are often closely associated with racial and socioeconomic legacies and that the brave and sustainable future we envision must also work to uncover and ameliorate the inequities which collectively harm us as a society. **After all, how sustainable is an unjust society?** Not sustainable at all. Our IMPACT project seeks to use solar solutions to directly improve the well-being of underserved communities around the world, but beyond this, the solar team is launching a new platform called **"The Keenly Greenly"** which seeks to educate the community about environmental justice, advocacy, and policy. If you are interested in this kind of work, please fill out our Google Form and indicate that you are interested in helping us start this initiative.

**INTERESTED?
GOOD.**

**FILL OUT THE GOOGLE FORM ON OUR WEBSITE TO GET INVOLVED.
EMAIL DAHNGR@GMAIL.COM OR SHENUSAY@GMAIL.COM
WITH ANY QUESTIONS YOU HAVE.**