



Introducing SUN UP: Matching university researchers with NREL

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Webinar

Please mute your computer or phone

Introducing SUN UP – a match-making program

- Solar University-National lab Ultra-effective Program
- Objective: Match university researchers with NREL researchers:
 - Each side must have their own funding
 - Funding must be for similar research topics
 - Expect a joint publication between NREL and university
 - Expect both faculty member and student to be engaged
- Challenge: Connecting researchers with similar interests

Steps to completing stay at NREL

1. University obtains funding to cover faculty member and student. *Topic must be similar to NREL R&D topic.*
2. NREL partner is identified:
 - Use existing collaboration
 - Listen to a SUN UP webinar
 - Read an NREL paper and contact researcher directly
 - Contact SUN UP coordinator for assistance in finding NREL researcher with common interests (Sarah.Kurtz@nrel.gov)
3. Time frame and scope of work is negotiated
4. Paperwork is completed (SUN UP will help to coordinate)
5. Stay is completed: joint publication including NREL researcher, student and faculty member

Is SUN UP right for me?

- ✓ Is my research topic similar to research being done at NREL?
- ✓ Does NREL have equipment or expertise that will help me accomplish my research faster or better than at my university?
- ✓ Can I contribute to the NREL research project in a useful way?
- ✓ Am I interested in spending some time in Colorado?

SUN UP Challenge and Opportunity

- The Challenge of SUN UP is identifying a match between the research being done at NREL and the university research
- Today, we will have two presentations:
 - Aaron Ptak: Low-cost III-V materials & devices
 - Adele Tamboli: III-V/Si integration
 - Q&A at end of today's presentation
- See <http://www.nrel.gov/pv/sunup.html>
 - October 18
 - November 3
 - We will post information at this website for those who miss the webinars

Introducing a separate program – NOT related to SUN UP

- Office of Science program provides graduate student funding for fundamental research projects (SCGSR):
 - <http://science.energy.gov/wdts/scgsr/>
 - Due date is Nov. 21

The screenshot shows the DOE Office of Science Graduate Student Research (SCGSR) Program website. At the top, there is the U.S. Department of Energy logo and the text "Office of Science". To the right, there is a search bar labeled "Search SC Website" and "SC Site Search" with a "GO" button. Below the logo, there is a navigation menu with tabs for "Programs", "Laboratories", "User Facilities", "Universities", "Funding Opportunities", "News", and "About". The "Programs" tab is selected. Below the navigation menu, there is a breadcrumb trail: "You are here: SC Home » Programs » WDTS Home » SCGSR Home". The main heading is "DOE Office of Science Graduate Student Research (SCGSR) Program". On the left side, there is a sidebar with a "SCGSR Home" button and links for "Eligibility", "Benefits", "Participant Obligations", "How to Apply", "Information for Laboratory Scientists and Thesis Advisors", "Key Dates", "Frequently Asked Questions", "Contact", and "WDTS Home". The main content area features a large image of a large, circular, metallic structure being lifted by a crane in a laboratory setting. Below the image, there is a text box with the following text: "DOE Office of Science Graduate Student Research Program. The Office of Science Graduate Student Research (SCGSR) Program provides supplemental awards for Ph.D. students to conduct part of their graduate thesis research at a DOE laboratory for 3 to 12 consecutive months." Below the text box, there are "Print" and "Text Size: A A A" options. At the bottom of the page, there is an "ANNOUNCEMENT" section with the text: "Applications are now open for The Office of Science Graduate Student Research (SCGSR)".