May 22 – August 4, 2017
163 Students

Schools of Agriculture, Engineering, Science, Pharmacy
Purdue students & 33 students from other institutions

SURF Staff
Dr. Melba Crawford
Associate Dean of Engineering for Research

Program Manager
Vicki Leavitt

Graduate Assistants (GA)
Jingjing Guo, IE
Ye Lu, AAE
Rachelle Lapham, Bio Science
Ihsan Sarfraz, ECE
Arvin Soepriatna, BME
Understand the research problem

Learn the methods

Do the work

Analyze your findings

Present & publish

Week 11

Research

Future Planning

Week 1

Understand the research problem

Learn the methods

Do the work

Analyze your findings

Present & publish

Career path

Graduate school

SURF PROGRAM
To complete the SURF program successfully, all students are required to:

- Conduct research and SURF activities **40 hours/week for all 11 weeks**
- Meet your requirements in the lab
- Submit all SURF assignments
- Attend all professional development seminars
- Attend at least 4 research seminars
- Participate in SURF research **symposium (August 3)**
- Attend SURF banquet and other required activities

Students who do not meet these requirements are subject to removal from the SURF program.

Mid-Program evaluations (end of June)
ROLES

Student
- Conduct research
- Document and present work
- Explore research as a career option
- Connect with other researchers and have fun!

Lab Mentors
- Help students set and achieve goals
- Help students develop professional research skills and conduct
- Assist with research work
- Serve as a role model

SURF Staff
- Help students document and present their work
- Organize seminars
- Plan events for networking/community building
- Serve as a role model and resource for students

Success of SURF Experience
SURF Staff Objectives

- Support in research skill development and professional development
- Improve technical communication skills
  - Prepare students for a technical conference via the SURF Symposium
  - Document work in a professional-quality technical paper (i.e. final paper)
- Encourage students to pursue a research career and apply to graduate school!
Professional Development Seminars and Tasks:

- **Getting Started**
  - Literature search tools
  - Literature review

- **Career Planning**
  - Career path choices
  - Application process for graduate school

- **Presenting and Publishing**
  - Write and publish an abstract
  - Prepare a scientific poster or technical presentation for SURF Symposium (August 3)
  - Write a technical paper (i.e. final report)

Many SURF tasks will require feedback and approval from you, their professor and lab mentors!
<table>
<thead>
<tr>
<th>Time / period</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>AM</td>
<td>Professional Development Seminar</td>
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<td>PM</td>
<td>Research Seminar</td>
<td>Optional Professional Development Seminar</td>
<td>Research Seminar</td>
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<td>Evening</td>
<td>Soccer</td>
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<td>Assignment Due</td>
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• 5-8 players per team (~7 teams)

• Only SURF students and mentors (to keep numbers manageable)

• Games: 40 minutes (every Tuesday evening, 6:30 – 8:30 PM)

• Starts Tuesday, May 30

• SURF mentors welcome to join!
  Contact Ye Lu (SURF GA)
  yelu@purdue.edu
HOW TO GET INVOLVED?

- Volunteer:
  - SURF Mania!
  - SURF Research Symposium (August 3)
- Submit a logo design!
- Join the SURF Soccer league

Request access to Blackboard (to see all program details)

Contact surf@purdue.edu

Weekly announcements will be sent to SURF mentors and students!