### Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Summer Registration Begins</td>
<td>Mar 12</td>
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<tr>
<td>Spring Break Begins</td>
<td>Mar 19</td>
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<tr>
<td>Resign Deadline</td>
<td>Apr 20</td>
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<tr>
<td>Last Day of Spring</td>
<td>May 11</td>
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<tr>
<td>SEAS Undergraduate Commencement</td>
<td>May 19</td>
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### Information Sessions

#### Southwest Research Institute

**Event:**
- **Southwest Research Institute**
  - **Date:** Feb 26 | 5–6:30 pm | Davis 113A
  - **Description:**
    If you’re looking to pursue a career in connected vehicle technologies, unmanned systems, machine learning, robotics, embedded systems, transportation systems, or cybersecurity, come learn about Southwest Research Institute. Pizza and refreshments will be provided.

#### TESLA Workforce Information Session

**Event:**
- **TESLA Workforce Information Session**
  - **Date:** March 2 | 10 am | Buffalo Employment & Training Center
  - **Description:**
    Tesla is accelerating the shift toward sustainable transport and energy consumption by producing the world’s best electric cars and energy generation and storage systems. We hire the world’s best and brightest people to help make this future a reality. Anyone interested in learning more about careers in solar and advanced manufacturing is invited to attend! 77 Goodell St. Buffalo, NY 14206

#### Navy Careers: Nuclear Power and Civil Engineering Corps.

**Event:**
- **Navy Careers: Nuclear Power and Civil Engineering Corps.**
  - **Date:** March 7 | 5–6 pm | Talbert 107
  - **Description:**
    U.S. Navy Recruiting Officer Johnny Harper will be visiting campus with national representatives of the Nuclear Power and Civil Engineering fields to share information about Navy Officer opportunities in these areas. Undergraduate students of all engineering majors are encouraged to attend. See the above “Job Descriptions” to learn more about the types of roles available to engineering students. [Job Descriptions](#)

### ANNOUNCEMENTS

#### SEAS Distinguished Speaker

- **Speaker:** Canan Dagdeviren | MIT
  - **Date:** Feb 27 | 3:45pm | Davis 101
  - **Title:** “The Biology Meets Its Match”
  - **Notes:**
    See Seminar Abstract & Speaker Biography.

#### CSTEP Summer Research Program

- **Application Due:** March 15 for the CSTEP SRP, an intensive research experience to enhance the competitiveness of talented underrepresented students.
  - **Notes:**
    See attached for more info & application.

#### Save the Date

- **Event:** Women in STEM Cooperative Summit.
  - **Date:** April 18 | 8:30–2:00
  - **Check out the Website.**

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To post to the weekly bulletin, contact Brittany Sandor at bsmetank@buffalo.edu

[mae.buffalo.edu](http://mae.buffalo.edu)
If you're looking to pursue a career in connected vehicle technologies, unmanned systems, machine learning, robotics, embedded systems, transportation systems, or cybersecurity, come learn about Southwest Research Institute at The University of Buffalo:

Monday February 26th, 5:00-6:30pm
Davis Hall Room 113A
Pizza and refreshments will be provided!

What is SwRI?
We are R&D problem solvers located in the great city of San Antonio, Texas providing independent, premier service to government and industry clients. Operating as a nonprofit since our 1947 inception, we work in the public's best interest and toward the betterment of mankind. Our multidisciplinary nature allows us to rapidly assemble diverse teams to tackle problems from multiple directions. We push the boundaries of science and technology to develop innovative solutions that advance the state of the art and improve human health and safety.

Find opportunities at www.swri.jobs

Our Campus:
- 1200 acres with state of the art labs
- Fitness complex and intramural sports
- Cafe and Medical Clinic
NO LIMITS

Take your science and engineering CAREER to the next level

SOUTHWEST RESEARCH INSTITUTE
We are problem solvers

Our scientists and engineers develop premier solutions for clients in government and industry. People from around the globe are drawn to SwRI to work on cutting-edge research in world-class facilities. They stay for the culture rooted in our mission and vision to benefit mankind. Employees are our greatest asset, so we promote a healthy work-life balance and connection to the community.

Our work is fundamental. Our discoveries have rewritten the history books, such as our exploration of Pluto and its moons.

Our work is relevant. Our solutions have improved safety for transportation and other industries, such as autonomous vehicle technologies that help protect road workers from distracted drivers.

Advantages
- Wellness programs
- Continuing education
- Onsite physician and medical clinic
- Client interaction
- Business development opportunities
- World-class laboratories

Extras
- Competitive pay
- Medical, dental, and supplemental insurance plans
- Retirement plans with employer contributions
- Paid time off
- Training and development
- Opportunities for advancement
- Funding for internal research
- Sport and recreation programs
- Onsite cafeteria
- Onsite credit union
- Onsite fitness center

Benefits
- Medical, dental, and supplemental insurance plans
- Retirement plans with employer contributions
- Paid time off
- Training and development
- Opportunities for advancement
- Funding for internal research
- Sport and recreation programs
- Onsite cafeteria
- Onsite credit union
- Onsite fitness center

What you get

About us
- Providing independent, trustworthy, and unbiased R&D for government and commercial clients since 1947
- 2,650+ employees
- 275+ doctoral degrees
- 510+ master’s degrees
- 690+ bachelor degrees
- 203+ R&D 100 awards
- 6,500+ projects per year
CAREER OPPORTUNITIES

Our multidisciplinary approach to problem solving is also our challenge. We need professionals from a variety of disciplines:

- SCIENCE
- ENGINEERING
- PROFESSIONAL SUPPORT
- TECHNICAL SUPPORT
- ADMINISTRATIVE

Find your place tackling challenges in projects spanning from deep sea to deep space and everything in between.

Our work is **APPLIED.**
Our expertise solves tough industry challenges, such as using innovative solutions to harness the power of solar energy.

Our work is **QUIRKY.**
Serious problems sometimes require unusual solutions, such as our “anti-traction” material developed to protect embassies and other facilities from rioting crowds.

10 technical divisions
1,250 + patents
501(c)(3) nonprofit
1,200 acres
2,000,000 square feet of laboratories

HEADQUARTERED IN SAN ANTONIO, TEXAS • OFFICES WORLDWIDE
JOIN THE SwRI FAMILY

We’re located in the heart of Texas with a thriving economy, affordable cost of living, and a sunny climate with excellent schools and universities.

Family-friendly San Antonio offers a vibrant community with natural beauty and proximity to outdoor activities, arts, culture, and nightlife. Once you visit, you’ll want to stay for a lifetime.

Complete an application at swri.jobs

SAN ANTONIO, OUR HOMETOWN

7th largest U.S. city

Rich art, music, and culture

Excellent healthcare facilities

Active night life and dining

STEM colleges and universities

More than 185 parks and natural areas offer year-round outdoor activities

Sports teams, including 5-time champion San Antonio Spurs

10-DAY CELEBRATION

TACOS anywhere in town

Various amusement parks

High-tech ventures

SWISS RESEARCH INSTITUTE®

Benefiting government, industry, and the public through innovative science and technology

swri.org

An Equal Employment Opportunity/Affirmative Action Employer
Race/Color/Religion/Sex/Sexual Orientation/Gender Identity/National Origin/Disabled/Veteran
Committed to Diversity in the Workplace
Opportunity

Located on 1,200 acres of green space, our campus features 2 million square feet of laboratories and workshops along with a state-of-the-art fitness center, a full-service cafeteria, and miles of hike-and-bike trails. Apply with the technical division that’s right for you and your major: Intelligent Systems, Space Science, Mechanical Engineering, Defense & Intelligence Solutions, Automotive Engineering, Chemistry, Applied Physics, or Geosciences.

Perks

Our interns contribute to meaningful work that makes its way into actual service. In exchange, we provide competitive pay, complimentary housing, and paid transportation to and from San Antonio. You can also join the camaraderie at a summer social, end-of-summer intern presentations, and multiple volunteer events.

Interested in applying? Applicants must be enrolled in an accredited university, with a GPA of 3.0 or above.

Community

Spend your summer in the heart of Texas.

Beautiful and vibrant San Antonio is home to a thriving downtown scene with art, museums, and nightlife as well as summer festivals and concerts. Seek out camping and kayaking in the rivers of the Texas Hill Country or plan a day or weekend trip to Austin or the beaches of the Gulf of Mexico.
Join our team of interns working on challenging and exciting R&D projects.

Apply at swri.jobs.
The Collegiate Science & Technology Entry Program presents...

**CSTEP 2018 SUMMER RESEARCH PROGRAM**

**Application Deadline:**
**THURSDAY, MARCH 15, 2018**

Students accepted into the program will be notified by March 30, 2018.

Here’s what’s in it for you:
- $3,400 Stipend & Meal Card
- Faculty Mentorship
- Intensive, Challenging Research Experience
- Research Methods Seminar (3-credits)
- Graduate School Preparation
- Networking with Professionals, Faculty, & Peers
- Weekend Fieldtrips
- Community Service
- Development of Soft Skills via Seminars with Experts
- All Expenses Paid to Attend & Present at the UB Undergraduate Research Conference

*Total Value = $4,800!*

Send completed apps to:
Shanna Crump-Owens, Director
CSTEP Summer Research Program
University at Buffalo
222 Norton Hall
Buffalo, NY 14260
(716) 645-2234
sicrump@buffalo.edu

**What’s the Summer Research Program about?**

The CSTEP Summer Research Program (SRP) is an **intensive** research experience to enhance the competitiveness of talented underrepresented students pursuing the licensed professions or STEM majors. Participants will be better equipped to gain admission into graduate or professional school programs. Also, the CSTEP SRP will strengthen your research skills and expose you to the rigors of graduate study. Additionally, you will develop your research presentation abilities, learn about the culture of research, and much more!

**Who’s eligible for the Summer Research Program?**

- U.S. citizen or permanent resident
- Underrepresented (African-American, Latino, Native American) or economically disadvantaged
- At least a rising sophomore with two semesters of science coursework completed
- UB students pursuing a STEM or allied health professions
- Minimum 2.8 GPA

**How’s the Summer Research Program structured?**

8.5-week program from **May 29 – July 26, 2018**.

Students are matched with a faculty mentor to conduct research for 25 hours per week. Additionally, participants will attend a research methods seminar, workshops, and fieldtrips. The program culminates with our capstone Research Poster Symposium where students present their research to peers, faculty, and the University community.

**How do I apply?**

- Completed 2-part CSTEP SRP Application (found at tinyurl.com/cstepsrp and 222 Norton)
- Personal Statement
- Two Letters of Recommendation (e.g. faculty, supervisor, staff and/or advisors)
- Copy of UB Student ID
- Official College Transcript
- Résumé

**FOR MORE INFORMATION ABOUT THE CSTEP SUMMER RESEARCH PROGRAM & THE APPLICATION: COME TO 222 NORTON AND VISIT OUR WEBSITE CPMC.BUFFALO.EDU/CSTEP/RESEARCH/SUMMER.PHP**
SRP CHECKLIST: SUPPORTING DOCUMENTS

- Official transcript(s) (copies are not accepted) with this Cover Sheet
- Two Letters of Recommendation – can be emailed by sender (At least one from a faculty member or supervisor on letterhead)
- Copy of your Student ID

1-2 page Personal Statement – include with this Cover Sheet
Resume with this Cover Sheet

PART 1. CSTEP SRP BIOGRAPHICAL/ACADEMIC INFORMATION

Please print clearly *All information requested is required

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<th>BIOGRAPHICAL INFORMATION</th>
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<td>Name:</td>
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<tr>
<td>Local/Campus Address:</td>
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<td>Local/Mobile Phone: (     )</td>
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<td>Master’s/Doctorate/Professional</td>
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<td>Anticipated Graduation Date:</td>
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<td>Area of research you are interested in:</td>
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<td>Have you identified a faculty mentor? If so, please provide their name and contact information:</td>
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<td>Please list other programs that you have participated in or currently participate in:</td>
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PART 2. CONTINUE TO ONLINE APPLICATION FOR CSTEP SRP

Please follow this link [http://tinyurl.com/cstepsummer](http://tinyurl.com/cstepsummer) for the application. Please see CSTEP staff if you have any questions with the application process.
PERSONAL STATEMENT

1-2 pages (12-pt font with 1-inch margins) describing your interest in STEM or the allied health professions, research, and the Summer Research Program. Include your prior research experiences, academic plans, as well as your short and long term professional goals. Lastly, how can the CSTEP SRP contribute to your goals and professional aspirations, and what do you hope to gain and accomplish, if selected?

REFERENCES

List 2 anticipated references (at least one faculty member) and provide a letter of recommendation from each:

1. Name: _______________________________     Title: _____________________________________

2. Name: _______________________________     Title: _____________________________________

STATEMENT OF UNDERSTANDING

The CSTEP Summer Research Program is designed to benefit talented students who are in serious pursuit of advanced degrees in STEM and the allied health professions, where there is a critical shortage of underrepresented students. I certify that the information in my application is accurate and complete. If selected, I understand that this is a full-time commitment and I agree to participate in ALL aspects of the summer research program. Failure to do so will result in additional requirements in order to receive stipend(s).

Applicant’s Signature: _______________________________         Date: ___________________

Submit completed application to:
Shanna Crump-Owens, CSTEP Director
University at Buffalo
222 Norton Hall
Buffalo, NY 14260
Email: sicrump@buffalo.edu
(716) 645-2234
TO BE COMPLETED BY APPLICANT

Name: ____________________________________________

Email: ________________ Phone: (   ) -

Under the Family Education Rights and Privacy Act, a student participating in the CSTEP Summer Research Program has access to his/her program file. CSTEP wishes to comply with this law, while still allowing the student to waive the right to access. If you wish to waive the right to examine this recommendation later, please sign here:

Applicant’s signature: ____________________________ Date: __________________

TO BE COMPLETED BY RECOMMENDER

An application for admission to the CSTEP Summer Research Program requires recommendations from two individuals who are capable of judging the professional and academic promise of the applicant. Return this recommendation form with a letter of reference in a sealed envelope, with your signature written across the seal, by Thursday, March 15, 2018. The recommendation could be returned via email with the Subject Line “SRP Recommendation Letter” or brought to the following:

Shanna Crump-Owens
CSTEP Director
University at Buffalo
222 Norton Hall
Buffalo, NY 14260
Email: sicrump@buffalo.edu
(716) 645-2234

Recommender’s Name: ____________________________ Title: ____________________________

Address: ____________________________________________

Telephone: (   ) - Email: ____________________________

In what capacity do you know the applicant? ____________________________

How long have you known the applicant? ____________________________

How does this applicant compare with her or his peer group in academic ability?

(Among the very best you have known)
(Top 25%)
(High ability)
(Lower 50%)

The CSTEP program would appreciate a candid statement from you concerning the applicant named above. Please comment in detail concerning the applicant’s accomplishments, abilities, character, and capacity for success as a student in the summer research program.

______________________________ ____________________________
Signature Date
-RECOMMENDATION FORM-
TO BE ENCLOSED WITH LETTER OF RECOMMENDATION

TO BE COMPLETED BY APPLICANT

Name: ________________________________

Email: ________________________________ Phone: (______) ________-

Under the Family Education Rights and Privacy Act, a student participating in the CSTEP Summer Research Program has access to his/her program file. CSTEP wishes to comply with this law, while still allowing the student to waive the right to access. If you wish to waive the right to examine this recommendation later, please sign here:

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Shanna Crump-Owens
CSTEP Director
University at Buffalo
222 Norton Hall
Buffalo, NY 14260
Email: sicrump@buffalo.edu
(716) 645-2234

Recommender's Name: ________________________________ Title: ________________________________

Address: ____________________________________________

Telephone: (______) ________ Email: ____________________________

In what capacity do you know the applicant? ________________________________

How long have you known the applicant? ________________________________

How does this applicant compare with her or his peer group in academic ability?

Exceptional [ ] Above Avg. [ ] Avg. [ ] Below Avg. [ ]
(Among the very best you have known) (Top 25%) (High ability) (Lower 50%)

The CSTEP program would appreciate a candid statement from you concerning the applicant named above. Please comment in detail concerning the applicant’s accomplishments, abilities, character, and capacity for success as a student in the summer research program.

______________________________ Date ________________________________