



**Summer Undergraduate Research Fellowship (SURF)  
National Institute of Standards and Technology**

**STUDENT APPLICATION FORM**

(To be completed by the student applicant and included with the completed institutional application package. DO NOT SEND Separately.)

*Application Deadline: February 12, 2018*

**APPLICANT INFORMATION**

<b>Name:</b>	<input type="text" value="Nitschelm"/>	<input type="text" value="Charlie"/>	<input type="text" value="James"/>
	<small>Last</small>	<small>First</small>	<small>Middle Name</small>
<b>Permanent Address:</b>	<input type="text" value="384 Peverly Hill Road"/>		
	<small>Street Address or PO Box, Apartment #, etc.</small>		
	<input type="text" value="Portsmouth"/>	<input type="text" value="NH"/>	<input type="text" value="03801"/>
	<small>City</small>	<small>State (Abbreviation)</small>	<small>Zip Code</small>
<b>Telephone:</b>	<input type="text" value="(603) 923-9079"/>	<b>Email:</b>	<input type="text" value="cjn1012@wildcats.unh.edu"/>
	<small>Quickest Contact Number (xxx-xxx-xxxx)</small>	<small>Primary email address</small>	
<b>Citizenship:</b>	<input checked="" type="radio"/> U.S. Citizen <input type="radio"/> Permanent U.S. Resident (with a valid Green Card)		
<b>NOTE:</b> SURF participants <b>MUST</b> be U.S. citizens or Permanent Residents			

**ACADEMIC INFORMATION**

**\*Please submit unofficial transcripts only.**

**Name of College/University:**

**Current Class Standing** (check only one): ☐ Freshman ☒ Sophomore ☐ Junior ☐ Senior

**Major/Minor:**  **Overall GPA:**

**Do you have experience with computer languages?** ☒ Yes ☐ No

If so, please describe *briefly* in the provided space. Please include specific details in your resume.

**Python - Summer 2017 Research**

**Matlab - Introduction to Engineering Computing Course (Spring 2018)**

**SURF PROGRAM LOCATION**

**Which location(s) are you applying to for SURF 2018?** (Note, the SURF Program accepts ~20 applicants at Boulder and ~120 applicants at Gaithersburg annually)

☐ Boulder      ☒ Gaithersburg      ☐ Both

**\*\*Complete research preference based on previously selected NIST location ONLY.**

**HOUSING**

**If accepted, will you require housing?**

☐ Yes for Boulder    ☒ Yes for Gaithersburg    ☐ No

**Gender** (for housing purposes only)

☐ Female      ☒ Male

**\*\*Note:** Participants should expect to share a bedroom with one other student.

*Local students will **ONLY** receive housing under special circumstances.*

Name: Nitschelm Charlie University of New Hampshire  
 Last First University Name

BOULDER SURF RESEARCH PREFERENCE					
List (by reference number) the 6 research opportunities which you are most interested in order of preference. Include opportunities from at least two different divisions. (Go to <a href="https://www.nist.gov/surf/surf-boulder/research-opportunities">https://www.nist.gov/surf/surf-boulder/research-opportunities</a> for the current list of research opportunities.)					
1	2	3	4	5	6
Are you available for the entire 11-week SURF Program in Boulder, CO on May 21, 2018-August 3, 2018? <input type="radio"/> Yes <input type="radio"/> No If no, give availability dates. <input type="text"/> **Total amount of time must span 11 weeks. <b>NOTE: All students must attend through August 3, 2018.</b>					
GAITHERSBURG SURF RESEARCH PREFERENCE					
Select from the dropdown menu, the 2 research opportunities (by laboratory name) in which you are most interested in order of preference. Try to include opportunities from at least two different laboratories. (Go to <a href="https://www.nist.gov/surf/surf-gaithersburg/research-programs">https://www.nist.gov/surf/surf-gaithersburg/research-programs</a> for a description of each laboratory.)					
1 MML/NCNR Materials Science			2 PML-Electrical Engineering		
Are you available for the for the entire 11-week SURF program in Gaithersburg, MD? (May 29, 2018 – August 10, 2018) <input checked="" type="radio"/> Yes <input type="radio"/> No If no, give availability dates. <input type="text"/> <b>**Limited number of 9-week fellowships available (June 11, 2018 – August 10, 2018).</b> <b>NOTE: All students must attend through August 10, 2018.</b>					
PREVIOUS SURF EXPERIENCE					
Have you participated in the SURF program at NIST previously? <input type="radio"/> Yes <input checked="" type="radio"/> No If yes, please indicate: Year (s): <input type="text"/> Location: <input type="radio"/> Boulder <input type="radio"/> Gaithersburg Mentor's Name: <input type="text"/> If you were to return, would you prefer to work with the same mentor? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> No Preference					
SPECIAL SKILLS					
Do you have experience working in a laboratory? <input checked="" type="radio"/> Yes <input type="radio"/> No If so, please describe <i>briefly</i> in the provided space. Please include specific details in your resume. Will begin working on the Mechanics, Materials, and Manufacturing Research Group - February 2018					
List any other special skills not included above (e.g., tutoring, extracurricular activities, leadership positions):					
Founder of UNH SEDS - Rocketry Organization Bass and Beatbox in an all-male a Cappella group, Not Too Sharp					

Name: **Nitschelm**  
Last

**Charlie**  
First

**University of New Hampshire**  
University Name

#### TERMS & Conditions

*Please provide your initials by each statement below to acknowledge that you have read the statements below and plan to abide by the conditions.*

☒ If invited to participate in the NIST SURF Program, I acknowledge that I must indicate in this application if I require housing. I will not have the opportunity to request housing once my application is submitted.

☒ If invited to participate in the NIST SURF Program, I acknowledge that I am required to undergo a background check which includes fingerprinting.

☒ If invited to participate in the NIST SURF Program, I acknowledge that I will provide the required federal identification for entry to NIST on the first day of the program established under the REALID Act of 2005. Drivers' licenses from the following states and territories will NOT be accepted for entry to NIST: American Samoa, Arizona, and Louisiana. In addition, only enhanced drivers' licenses (identified by the American flag on the face of the card) will be accepted from the following three states: Minnesota, New Hampshire, and New York state. Individuals without licenses from compliant jurisdictions may present alternative forms of identification such as an unexpired U.S. Passport.

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#### Checklist:

- ☒ Resume (Important: be sure to include any laboratory skills or computer languages, etc.)
- ☒ Personal Statement of Commitment to participate (includes research interest)
- ☒ Two letters of recommendation
- ☒ Transcripts (unofficial acceptable)
- ☒ Verification of US citizenship or permanent legal residence (e.g. legible copy of birth certificate, passport, or green card)

**Please submit this application and the items listed in the checklist above to your University Contact for inclusion with institutional application—DO NOT SEND SEPARATELY.**

SURF Program Contact: Dr. Brandi Toliver, Email: [brandi.toliver@nist.gov](mailto:brandi.toliver@nist.gov)

Website: <http://www.nist.gov/surf>

Note: This collection of information contains Paperwork Reduction Act (PRA) requirements approved by the Office of Management and Budget (OMB). Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the PRA unless that collection of information displays a currently valid OMB control number. Public reporting burden for this collection is estimated to be 60 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. OMB Control No. 0693-0042 Expiration Date: 10-31-2018

