

**Application Process for  
National Science Foundation CyberCorps: Scholarship for Service and  
Department of Defense Cyber Scholarship Program at  
The University of Alabama in Huntsville**

Application Due Date: **February 15, 2019, 4:00pm**

The University of Alabama in Huntsville (UAH) seeks applications for the National Science Foundation CyberCorps: *Scholarship for Service* (SFS) and Department of Defense *Cyber Scholarship Program* (CySP). UAH is a National Center of Academic Excellence in Cyber Defense Education and Cyber Defense Research.

**CyberCorps®: *Scholarship for Service* (SFS) benefits:**

- Full tuition and fees
- Annual stipend
  - \$25,000 for undergraduates
  - \$34,000 for graduate students (master's and PhD)
- Reimbursement for professional development, travel expenses, etc. up to \$6,000 per year
- Scholarship Duration
  - Two academic years (four semesters) for students in **bachelor** and **master** level degree programs
  - Three academic years (six semesters) for students in **PhD** programs

**Department of Defense *Cyber Scholarship Program* (CySP) benefits:**

- Full tuition and fees
- Annual stipend
  - \$25,000 for undergraduates;
  - \$30,000 for graduate students (master's and PhD)
- Reimbursement for books up to \$1,250 per year
- UAH-provided laptop computer (\$1,500 value)
- Scholarship Duration
  - Two academic years (four semesters) for students in **bachelor** and **master** level degree programs
  - Three academic years (six semesters) for students in **PhD** programs



All scholarship recipients have a commitment to work after graduation for an approved government position related to cybersecurity for a period equal to the length of the scholarship. In addition, students on scholarship are expected to serve in a government cybersecurity-related paid internship during the summer semester.

CyberCorps: *Scholarship for Service* recipients are required to participate in a SFS-exclusive job fair in early January in Washington, DC. SFS students may be employed by Federal, State, Local, Tribal, or Territorial government; or a Federally Funded Research and Development Center.

Department of Defense Cyber Scholarship Program recipients are paired with a Department of Defense employer at the time of scholarship award and must agree to intern and work for that employer after graduation.

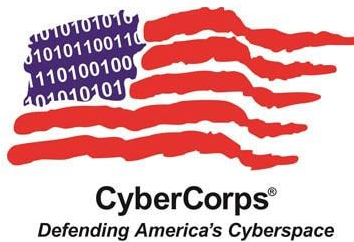
**Eligibility for Scholarship.** To be eligible to apply for the SFS and CySP scholarships, the applicant must be a full-time student with a suitable minimum GPA (see chart below). The applicant must also maintain the minimum GPA while in the program.

GPA Minimum	SFS	CySP
Undergraduates	3.0	3.2
Graduates	3.2	3.5

Eligible majors are listed below.

- BS in Computer Engineering, Computer Science, Cybersecurity, Electrical Engineering, Mathematical Sciences
- BS in Business Administration - Information Systems (Cybersecurity and Information Assurance Concentration)
- MS in Computer Engineering, Computer Science, Cybersecurity, Electrical Engineering, Software Engineering with Cybersecurity Concentration
- PhD in Computer Engineering, Computer Science, Electrical Engineering, Mathematical Sciences,
- Other degrees with a cybersecurity focus may be applicable.

The applicant must be a citizen or lawful permanent resident of the United States and meet all requirements for employment in Federal Service. Scholarship offers are contingent upon obtaining admission into a qualifying UAH program of study. Students selected for SFS and CySP will be required to sign a service agreement outlining the obligation to serve in an eligible government position after graduation. Undergraduate students may apply as early as their



sophomore year. For applicants not already admitted to UAH, any offer of scholarship will be contingent on admission acceptance to UAH in an eligible discipline. Students awarded a scholarship must enroll full-time at UAH at the Huntsville campus to receive scholarship support.

**Application Process.** Applications may be hand-delivered or mailed to The Center for Cybersecurity Research and Education (CCRE). Delivery inquiries should be directed to the CCRE at 256-824-4782 or [ccre@uah.edu](mailto:ccre@uah.edu). Hand-delivery is encouraged to ensure applications are received by the deadline – **February 15, 2019, 4:00pm.**

- Hand-delivered applications should be given directly to CCRE staff assistant Kim Galkowski in Optics Building (OPB), room 301D.
- Mailed applications should be addressed to  
Kim Galkowski  
Optics 301D  
301 Sparkman Drive  
Huntsville, AL 35899.

Each application must contain the following, in order, delivered in a manila envelope. The applicant's name should be written clearly on the outside of the envelope.

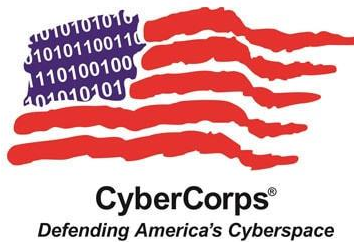
- A signed cover letter that provides the applicant's full name and a statement that the applicant is a citizen or lawful permanent resident of the United States. In addition, the cover letter should describe the applicant's current academic progress (BS, MS, or PhD student), date of anticipated graduation, motivation for applying, and interest in cybersecurity. Please include any current or past military service.
- Official transcripts from all post-secondary institutions attended by the applicant (unofficial UAH transcripts are acceptable for UAH students)<sup>1</sup>.
- Official ACT or SAT score for undergraduate applicants (unofficial scores are acceptable for UAH students)<sup>2</sup>.
- Official GRE scores for graduate applicants, if applicable (unofficial scores are acceptable for UAH students)<sup>3</sup>.
- Two signed letters of reference (professional contacts preferred, must not be family members). If emailed, they should be emailed by the reference directly to [ccre@uah.edu](mailto:ccre@uah.edu).
- An updated resume.
- Completed Applicant Information Sheet (Attachment A).
- Completed Competency Statement (Attachment B).

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<sup>1</sup> Official transcripts will be required from students selected for an SFS scholarship before official award.

<sup>2</sup> Official scores will be required from students selected for an SFS scholarship before official award.

<sup>3</sup> Official scores will be required from students selected for an SFS scholarship before official award.



**Selection Process.** All applications received by the due date in this document will be reviewed by a scholarship committee. Committee recommendations will be based upon prospective students' likelihood for success in their chosen degree program and predicted success in search for cybersecurity employment at approved government organizations.

**Additional Information.** Failure to satisfy the academic requirements of the program or to complete the service requirement will result in forfeiture of the scholarship award, which will revert to a student loan with repayments pro-rated accordingly to reflect partial service completed. The institution is responsible for collecting the repayment amounts, including interest, consistent with the provisions of part B or D of Title IV of the Higher Education Act of 1965. All forfeited scholarship funds, less grantee costs associated with collection of the repayment not to exceed 5% of the forfeited amount, will be returned to the United States Treasury and may not be re-used by the awardee institution. Scholarship recipients in coordination with the institution and the PI may petition the NSF Program Office to waive or suspend repayment of scholarships in cases of extreme hardship or other circumstances that would preclude the fulfillment of the service obligation.

**Questions:** A Frequently Asked Questions (FAQ) list for SFS can be found at the following link.  
<https://www.sfs.opm.gov/StudFAQ.aspx>

**Contacts at UAH** are:

College of Science:

Dr. Sara Graves, [sara.graves@uah.edu](mailto:sara.graves@uah.edu), (256) 824-6064

College of Business Administration:

Dr. Jatinder (Jeet) N. D. Gupta, [jeet.gupta@uah.edu](mailto:jeet.gupta@uah.edu), (256) 824-6593

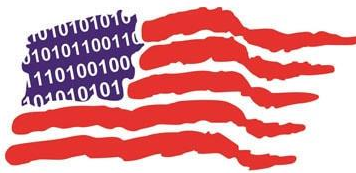
College of Engineering:

Dr. Seong-Moo (Sam) Yoo, [seong-moo.yoo@uah.edu](mailto:seong-moo.yoo@uah.edu), (256) 824-6858

Director, Center for Cybersecurity Research and Engineering:

Dr. Tommy Morris, [ccre@uah.edu](mailto:ccre@uah.edu), (256) 824-6576

\*Direct Department of Defense Cyber Scholarship Program (CySP) questions to Tommy Morris.



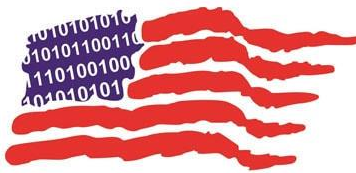
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**Attachment A:  
 Scholarship for Service (SFS) Applicant Information Sheet**

Applicant full name	
Cell phone number	
Home phone number (if different)	
Email address	
Permanent mailing address	
Student/school address (if different)	
Are you a U.S. citizen?	
If not a citizen, are you a lawful permanent resident of the U.S.? ( <a href="https://www.uscis.gov/tools/glossary/permanent-resident-alien">https://www.uscis.gov/tools/glossary/permanent-resident-alien</a> )	
Do you currently have or have you ever had U.S. Security Clearance? Please specify.	

Complete if you are currently pursuing or have completed an **associate's** degree.

Associate's Degrees (complete or in progress)	Institution name	
	Degree name (Associate's of Science, Associate's of Applied Science, etc.)	
	Major (General Studies, Computer Science, etc.)	
	In progress or completed?	
	When will you (did you) graduate? (Month/Year)	
	Grade Point Average	



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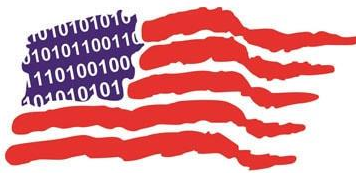
Complete if you are currently pursuing or have completed a **bachelor's** degree.

Undergraduate Degrees (complete or in progress)	Institution name	
	Degree name (Bachelor of Science, Bachelor of Arts, etc.)	
	Major (Computer Engineering, Computer Science, Information Systems, etc.)	
	Minor	
	In progress or completed?	
	When will you (did you) graduate? (Month/Year)	
	Grade Point Average	

Complete if you are currently pursuing or have completed an **additional bachelor's** degree.

Undergraduate Degrees (complete or in progress)	Institution name	
	Degree name (Bachelor of Science, Bachelor of Arts, etc.)	
	Major (Computer Engineering, Computer Science, Information Systems, etc.)	
	Minor	
	In progress or completed?	
	When will you (did you) graduate? (Month/Year)	
	Grade Point Average	

Make copies of this page if there is a need to list additional graduate degrees.



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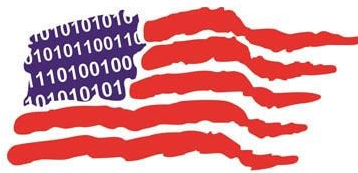
Complete if you are currently pursuing or have completed a **graduate** degree.

Graduate Degrees (complete or in progress)	Institution name	
	Degree name (Master of Science, Doctor of Philosophy, etc.)	
	Major (Computer Engineering, Computer Science, Information Systems, etc.)	
	Minor	
	In progress or completed?	
	When will you (did you) graduate? (Month/Year)	
	Grade Point Average	

Complete if you are currently pursuing or have completed an **additional graduate** degree.

Graduate Degrees (complete or in progress)	Institution name	
	Degree name (Master of Science, Doctor of Philosophy, etc.)	
	Major (Computer Engineering, Computer Science, Information Systems, etc.)	
	Minor	
	In progress or completed?	
	When will you (did you) graduate? (Month/Year)	
	Grade Point Average	

Make copies of this page if there is a need to list additional graduate degrees.

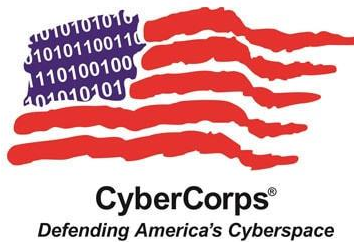


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Complete to indicate which degree you **will pursue** if selected for scholarship.

Planned Study with Scholarship	Which level of degree do you wish to pursue with scholarship funds? <ul style="list-style-type: none"> <li>• Bachelor's</li> <li>• Master's</li> <li>• JUMP (Joint Undergraduate Master's Program) – both bachelor's and master's</li> <li>• Ph.D.</li> </ul>	
	What discipline? <ul style="list-style-type: none"> <li>• Computer Engineering</li> <li>• Computer Science</li> <li>• Cybersecurity</li> <li>• Electrical Engineering</li> <li>• Information Systems</li> <li>• Mathematical Science</li> <li>• Software Engineering</li> <li>• Other (specify)</li> </ul>	
	If you plan to pursue the MS in Cybersecurity, which track will you choose? (Computer Engineering, Computer Science, or Management)	
	Planned graduation date?	
	Have you applied for admission?	
	Have you been accepted?	





## **Attachment B: Competency Statement**

Complete the Competency Statement below. The scholarship selection committee understands applicants may not have prior experience in cybersecurity; however, applicants are encouraged to answer the questions by relating to any applicable past experiences. Applicants may also relate how their future plans and career goals will help them meet the competency areas. Be sure to address all competency areas.

On plain 8 1/2" X 11" paper, titled "COMPETENCY STATEMENT (OF612 -APPLICATION FOR FEDERAL EMPLOYMENT SUPPLEMENTAL)", describe your knowledge and ability in each of the six (6) competency areas below. The evaluation points are very high in this area. You must address each area identified. If you do not provide this information your package will be deemed non-responsive and will not be considered. Indicate your name and school name on each page.

**Limit your responses on all six competency areas to a total of three pages.**

- a. Knowledge of the techniques of the cybersecurity discipline, including encryption, access control, physical security, training, threat analysis, and authentication.
- b. Knowledge of the human factors in cybersecurity, including human computer interaction, design, training, sabotage, human error prevention and identification, personal use policies, and monitoring.
- c. Ability to identify and analyze problems, distinguish between relevant and irrelevant information to make logical decisions, and provide solutions to individual and organizational problems.
- d. Ability to consider and respond appropriately to the needs, feelings, and capabilities of different people in different situations; is tactful, compassionate and sensitive, and treats others with respect.
- e. Ability to make clear and convincing oral presentations to individuals or groups; listens effectively and clarifies information as needed; facilitates an open exchange of ideas and fosters an atmosphere of open communication.
- f. Ability to express facts and ideas in writing in clear, convincing and organized manners appropriate to the audience and occasion.