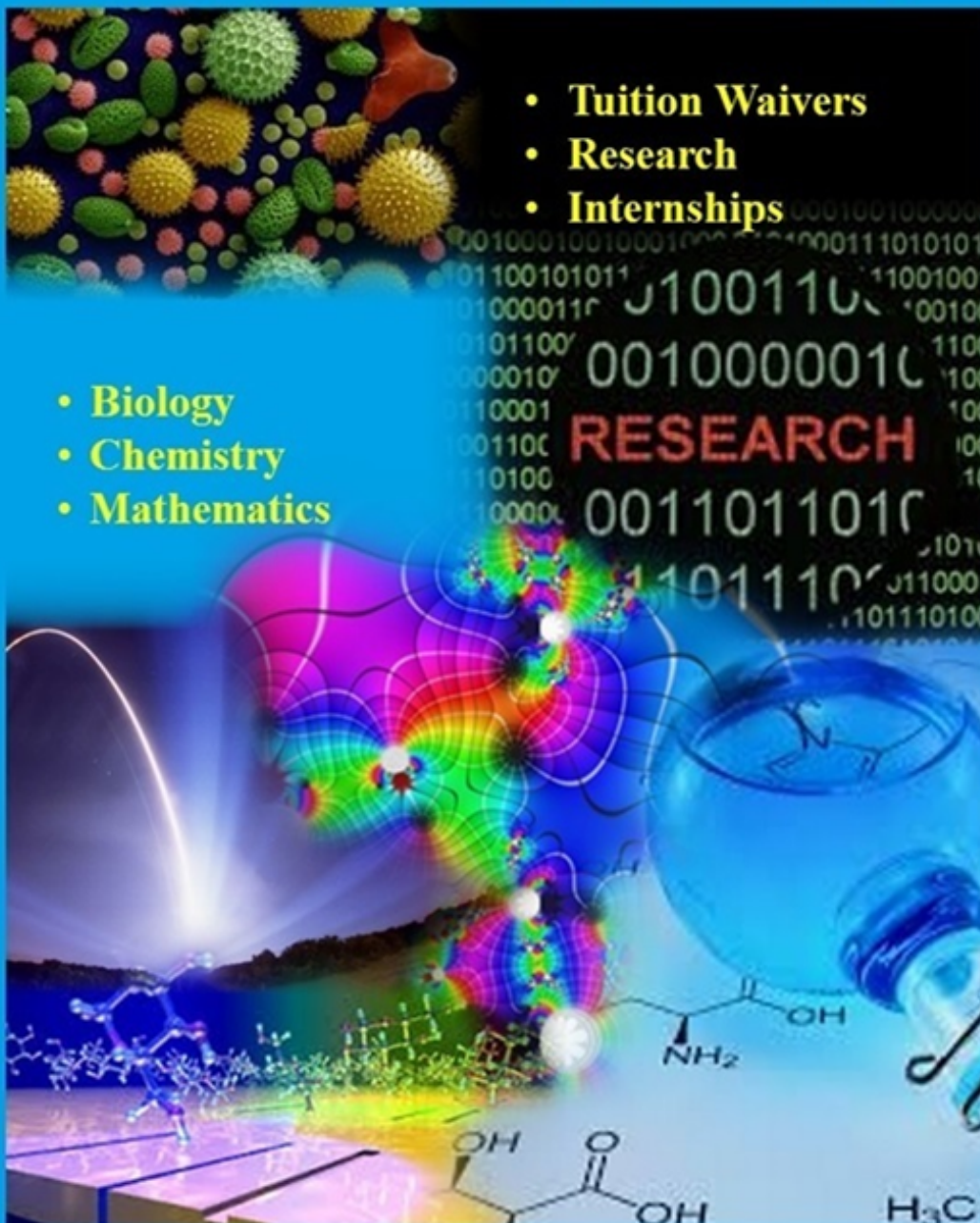


# Launch your STEM Career at UP

## NSF S-STEM Scholarships - Fall 2018



The image is a collage of scientific and technological elements. At the top left, there are various colorful microorganisms or cells. To the right, there is a background of binary code (0s and 1s) with the word "RESEARCH" in red. Below the binary code, there is a colorful molecular model with a rainbow spectrum. In the bottom right, there is a chemical structure diagram showing a molecule with an amino group (NH<sub>2</sub>), a hydroxyl group (OH), and a methyl group (H<sub>3</sub>C).

- Tuition Waivers
- Research
- Internships

- Biology
- Chemistry
- Mathematics

Submit all application materials by 28 January 2018 to: Dr. David A. Thomas, Mathematics Center,  
University of Providence, 1301 20th Street South, Great Falls, Montana 59405  
david.thomas@uprovidence.edu 406-403-5895



***You may **qualify** for a full tuition **scholarship*****

Are you or do you know a Montana **high school senior** who dreams of a career as a biologist, a chemist, or a mathematician? Someone interested in astrobiology, the chemical basis of life, or secret codes? The National Science Foundation and the University of Providence are partnering to provide 4-year S-STEM scholarships to a select group of biology, chemistry, and mathematics majors beginning Fall term 2018. In addition to scholarship support, these students will be invited to participate in undergraduate research projects, summer internships at national laboratories (e.g., NASA, DOE, NIH, NSA) and professional conferences. In these settings, students will apply concepts, skills, and dispositions learned at UP in new, challenging, and empowering settings. Like “beaming up to the Enterprise”, these experiences will build confidence and focus career aspirations. Great careers are founded on great dreams and great opportunities. The S-STEM Program is just such an opportunity. Applications will be accepted until 28 January 2018.

Step 1: Apply for admission to UP

Step 2: Apply for federal financial aid

Step 3: Submit the S-STEM application. [For a *MS-Word* version of the application packet, contact Dr. David A. Thomas at [david.thomas@uprovidence.edu](mailto:david.thomas@uprovidence.edu)]



***You may qualify for a full tuition scholarship***

**Who is eligible to apply?**

- Montana residents
- Fall 2018: Incoming freshmen at the University of Providence majoring in chemistry, biology, or mathematics
- Strong interest in a STEM career

**How do students apply for the scholarship?**

- Apply and be admitted to UP
- FAFSA financial aid form
- This application
- Two instructor letters of recommendation

UP FAFSA: 002527 ACT: 2410 SAT: 4058

**How does the scholar program work?**

- Scholarship is renewable for up to four years of continuous, full time enrollment if students maintain GPA of 3.0 or higher
- Research opportunity with faculty mentor
- Weekly support sessions with program peers
- Cohort group to assist and motivate throughout the program
- Improved writing, problem solving, and communication skills
- Presentation of research at professional conference
- Opportunity for internships

**STUDENT INFORMATION**

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First	Middle	Last		
Street		City	State	Zip
E-mail	_____			
Home phone	_____			
Mobile phone	_____			
Date of Birth	_____			
Last four digits of SS#	_____			

Gender:  male     female

Race: (Select one or more) \*

- American Indian or Alaska Native     Asian  
 Black or African American     Native Hawaiian     White

Ethnicity: (Select one response) \*

- Hispanic or Latino     Not Hispanic or Latino

\* Response Optional

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## ACADEMIC/EXTRACURRICULAR INFORMATION

My intended college major:  Biology  Chemistry  Mathematics

List any academic awards/honors you have received.

List any science or mathematics oriented clubs, organizations, or events (e.g., *MathCounts*, *Science Olympiad*, *Science Fair*) during middle school and/or high school in which you participated.

List any math or science oriented extracurricular or volunteer activities in which you participated (e.g., hobbies, recreational activities).

## PERSONAL ESSAY

Please attach a typed 500 word, single-spaced essay addressing the following questions:

- What are your STEM-related personal/professional goals and how will the S-STEM program help you achieve your goals?
- What characteristics, experiences, or habits make you a good student of science and/or mathematics?
- What experiences in your life have cultivated those characteristics?

I, the undersigned, hereby certify that all the information that I have provided is true and correct to the best of my knowledge. My signature below gives permission for the UP S-STEM Scholarship committee members to review any academic or financial records pertaining to my eligibility for the scholarship.

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Applicant's signature

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Date



# UNIVERSITY OF PROVIDENCE

## STUDENT:

Your name	
Your reference's name	
HS math and/or science courses(s) he/she taught you	
Sign your name if you agree to waive your right of access to review this letter of reference	

## INSTRUCTOR:

- The student identified above has asked you to write a letter of reference in support of his/her application for a National Science Foundation S-STEM scholarship at the University of Providence to major in biology, chemistry, or mathematics. Awardees will receive renewable full tuition scholarships at UP for up to 4 years.
- We are obliged under the Family Educational Rights and Privacy Act (Buckley Amendment) to make your comments available to the student if she/he has not signed the waiver below.
- We would appreciate your honest assessment of the applicant's intellectual ability, self-confidence, originality, and willingness to accept challenge and responsibility. If the student has unique qualities or characteristics, please bring those to our attention. Anecdotal illustrations are often helpful in our evaluation of the applicants.
- The committee on admissions is attempting to distinguish the very best applicants (on a variety of criteria) and asks you to keep in mind two questions: As the student's instructor, how would you describe the applicant's academic abilities to a colleague? What will the student bring with her/him to the UP community?
- Thank you for your contribution to our evaluation process. We very much appreciate the time and energy you put into writing.
- Your acquaintance with the applicant:  
know only through records    see from time to time    know well

- 
1. How does this student compare academically to other students you have taught?  
Below average    Average    Good (above average)    Excellent (top 10%)  
Outstanding (top 5%)    One of the top students encountered in my career
  2. I recommend this student for S-STEM Scholars Program:  
With reservation    Fairly strongly    Strongly    Enthusiastically
  3. What are the first words that come to mind in describing the applicant?

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10. Describe the quality of the applicant's intellect and academic work. Please comment on the student's originality of thought and ability to grasp difficult concepts. In what ways might you distinguish this student's academic performance from that of other able students?

11. How has the applicant achieved good grades in your class? Check as many as apply.  
By consistent hard work    By grade consciousness    By virtue of memory  
By brilliance of mind

12. This space is for additional comments. Are there unusual circumstances in the applicant's case (personal or academic) that you feel we should know?

**Reference Contact Information**

Print name

Subject(s) you teach

Phone number

Email

Title

School name and address