Johns Hopkins University - Department of Mechanical Engineering - Scholarship and Fellowship Information					
Updated August 26, 2024					
Scholarship / Fellowship Name	Who is Eligible		Application Due Date(s)	Award	
AIAA Foundation https://www.aiaa.org/scholarships/	Undergraduate and graduate students	Must be a current AIAA Student member in good standing Undergraduate students must have completed at least 1 academic semester of full-time college work Graduate students must have completed at least one (1) academic quarter or semester of full- time graduate-level college work and have a research topic approved Must have a minimum cumulative GPA of 3.300 on a 4.000 scale Applicant's education plan shall be such as to provide entry into some field of science or engineering encompassed by the technical activities of AIAA Unless otherwise noted, applicants must be enrolled in an accredited college or university within the U.S. or U.S. Territories Other requirements may apply-see website for details	Applications accepted from October 1, 2024, 12:00pm EST - January 31, 2025, 11:59pm EST	Range of awards - see website for details	
Barry Goldwater Scholarship https://goldwater.scholarsapply.org/	Sophomore or Junior	1. Be a full-time matriculated sophomore or junior pursuing a degree at an accredited 2- or 4-year institution of higher education during the 2024-2025 academic year, 2. Intend to pursue a research career in a natural science, mathematics or engineering 3. Have a college grade point average of at least a 3.00 on a 4.00 scale, and 4. Be a U.S. citizen or national from the 50 States, District of Columbia, Commonwealth of Puerto Rico, Guam, United States Virgin Islands, American Samoa, Commonwealth of the Northern Mariana Islands, Republic of the Marshall Islands, Federated States of Micronesia, Republic of Palau, and any other territory or possession of the United States; or a permanent resident. A permanent resident must submit a photocopy of their Permanent Resident Card, also known as a Green Card.	Application opens the First tuesday of September. All candidates for scholarships are nominated by their college or university. All nomination materials are due on the last Friday of January at 5:00pm Central time, but your Goldwater Campus representative may have earlier deadlines. The Foundation will not solicit or accept applications directly from candidates but will advise applicants as to the appropriate procedures.	Each Goldwater Scholar annually receives an amount equal to the cost of tuition, mandatory fees, books, and room and board minus the amount of support provided for by other sources, up to a maximum of \$7.500 per full academic year. Scholars who receive the award as sophomores can expect to receive support for a maximum of two years (4 semesters) or until graduation, if sooner. Scholars who receive the award as juniors can expect to receive support for a maximum of one year (2 semesters) or until graduation, if sooner.	
Brooke Owens Fellowship http://www.brookeowensfellowship.org/	Female & Nonbinary Undergraduates	Anyone who identifies as a woman or another type of gender-minority, who is currently pursuing a bachelors or associates degree as of October 2023 (you can be taking the year off), who is available for full-time employment for reasonable amount of time in the Summer of 2025, and is interested in a career in any facet of the aerospace community is eligible. A note for applicants who are not US citizens or permanent residents: Internships at many Host Institutions are restricted to US citizens or US permanent residents (green card holders). We want to be up front about the fact that your odds are significantly lower than those of an applicant from the USA. Similarly, while students who are currently enrolled in the first year of their undergraduate program are eligible to apply, the lack of a transcript will make it more difficult to compete against our extremely talented applicant pool.	October 7th, 2024	Fellows are matched by industry leaders to specific intern positions at one of the most exciting organizations in aerospace. Fellows complete a project, learn skills, and are paid a living wage. Each Fellow is also matched with two senior- or executive-level mentors—one at their host company and one elsewhere in the industry. During the summer, all Fellows come together for a exclusive, one-of-a-kind Summit to network, attend 1-on-1 mentoring sessions, and private Q&As. By earning their spot in the program, each Fellow is forever included in the Brooke Owens Fellowship network.	
Churchill Scholarships http://www.winstonchurchillfoundation.org/index.ht ml	Senior or recent graduate (12 months)	An applicant for the Churchill Scholarship must be a citizen of the United States, either native- born or naturalized, and must be enrolled in one of the Participating Institutions and due to graduate during the same academic year as the deadline or be a student who has graduated from one of those institutions within the past 12 months before the deadline. Upon taking up the Churchill Scholarship, a Churchill Scholar must hold a bachelor's degree or equivalent.	November 1, 2024, at 5 pm EST	We fund 18 scholarships per year, comprised of 16 Churchill Scholarships in science, mathematics, and engineering, and two Kanders Churchill Scholarships in science policy. It is for one year of Master's study (courses run between 9 and 12 months). The award covers tuition, roundtrip airfare to the UK, visa fees and health surcharge, and a stipend that is set 5% higher than the UK Research Council standard. Recipients are eligible to apply for a \$4,000 special research grant. The total value is around \$65,000.	

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Department of Defense Science, Mathematics And Research for Transformation (SMART) Scholarship for Service Program https://www.smartscholarship.org/smart	Undergraduate and Graduate/PhD students	All applicants must be: Be a citizen of the United States, Australia, Canada, New Zealand, or United Kingdom Be 18 years of age or older by January 1, 2025 Have and maintain a cumulative GPA of 3.0 on a 4.0 scale Be currently pursuing, or intend to pursue in fall 2024, a degree in a SMART STEM discipline Be requesting between 1-5 years of degree funding. Degree funding will start in August 2024 Complete summer internships Accept a one-for-one post graduation service commitment as a civilian employee of the Department of Defense***Active-duty military members who wish to apply must be separated or on terminal leave on or before August 1, 2024. Reserve and National Guard members are eligible to apply. Current Reserve Officers' Training Corps participants with a future service commitment are not eligible to apply.	December 6, 2024 at 5:00 PM EST	Full tuition Stipend paid at a rate of \$25,000 - \$38,000 depending on degree pursuing (may be prorated depending on award length) Required summer research internships Health Insurance allowance Miscellaneous Supplies Allowance Mentoring at sponsoring facilities Employment placement at a DoD facility after graduation.
Fulbright U.S. Student Program http://us.fulbrightonline.org/	Recent graduates, Master's and doctoral candidates	Applicants must be citizens or nationals of the United States of America at the time of application. Permanent residents are not eligible. Applicants must have a conferred bachelor's degree or the equivalent before the start of the grant. In the creative and performing arts, four years of professional training and/or experience meets the basic eligibility requirement. Applicants must meet the language requirements of the award to which they are applying and demonstrate sufficient competency to complete their project and adjust to life in the host country. Applicants may hold a J.D. at the time of application.	October 8, 2024 5:00 PM EST	Funding to cover room, board, and incidental costs, based on the cost of living in the host country Accident & Sickness Health Benefits 24/7 support for emergency and non-emergency situations 12 months of non-competitive eligibility hiring status within the federal government. Some grants may also include: - book and research allowances - mid-term enrichment activities - full or partial tuition
Gates Cambridge Scholarship http://www.gatescambridge.org/	Senior	A citizen of any country outside the United Kingdom. applying to pursue one of the following courses at the University of Cambridge: PhD (full-time or part-time*) MLitt (full-time) One year postgraduate course (full-time), with some exceptions – see below, see website	US Citizens: Wednesday 11 October 2023 (Time 12:00, noon in local US time zone) Other applicants: Dependent on your course – either 5 December 2023 or 4 January 2024 (see Course Directory)	University Composition Fee Maintenance allowance Airfare @ the egining and end of the course Visa costs and cost of Immigration Health Surcharge Academic development funding Family Allowance Maternity/Paternity Funding Emergency Hardship Funding
	Undergraduate and Graduate students	DAAD offers several scholarship and grant opportunities for students who wish to study or do research in Germany. See their website for details.	See website (depends on program)	See website (depends on program)
Hertz Foundation Fellowship http://www.hertzfoundation.org/	Seniors who plan on pursuing PhDs or 1st year graduate students who are already doing so	All eligible applicants must: - be college seniors, first-year graduate students, or in a gap year preparing to apply to graduate school - intend to pursue a PhD in the applied physical and biological sciences, mathematics, or engineering - intend to direct their studies toward understanding and solving major, near-term problems facing society - be citizens or permanent residents of the US	October 27, 2024 at 11:59pm PST	Successful applicants have the choice of two Fellowship options: Option 1 - Funding from Hertz Foundation only \$35,000/ 9-month personal stipend Full tuition equivalent Renewable annually for up to 5 years \$5,000/ year additional stipend for Fellows with dependent children Option 2 - Coordination with Other Major Fellowship (see website for example)

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Link Foundation http://www.linkoe.org/	Graduate (Ph.D.)	The applicant must be working toward a Ph.D. in an academic institution. No limitations are placed on citizenship. Fellowships are only tenable at U.S. and Canadian Universities. Fellows must be enrolled on a full-time basis for the duration of the award.	Not yet announced (most likely April/May 2025)	The award consists of \$35,000 and can be used towards: The Fellow's academic year and summer stipend.
Luce Scholars Program https://lucescholars.org/	Seniors, graduate or professional students currently at the nominating institution	Candidates must be U.S. citizens or permanent residents. The program welcomes diverse candidates, including seniors, recent graduates, or young professionals under 32. For those older than 32, we also consider candidates who have received their bachelor's degree within the past three years. Candidates who have spent a significant amount of time (18 weeks or more since beginning college) in more than one of the countries where we place Luce Scholars are not eligible to apply for the Luce. Candidates who have spent 18 weeks or more since beginning college in only one of the countries where we place Luce Scholars are eligible to apply but will not be placed where they have spent significant time.	October 1th, 2024 at 11:59pm EST	Monthly stipend and applicable housing and cost-of-living allowances.
Marshall Scholarships http://www.marshallscholarship.org/	Graduate	Be citizens of the United States of America (at the time they apply for a scholarship); (By the time they take up their scholarship i.e. September 2025) hold their first undergraduate degree from an accredited four-year college or university in the United States; Have obtained a grade point average of not less than 3.7 on their undergraduate degree at the time of application. We do not accept rounded GPA's. Have graduated from their first undergraduate college or university after April 2020. Not have studied for, or hold a degree or degree-equivalent qualification from a British University or GCSE or A Levels taken at school in the UK.	September 24, 2024, 5 pm in the time zone your university is located	University fees, personal allowance, cost of living expenses, annual book grant, thesis grant, research and daily travel grants, fares to and from the United States. Tenable for one or two academic years depending n the scholarship recieved, and possibly extendable to 3 years
NASA Space Grant Fellowships through the MD Space Grant Consortium https://md.spacegrant.org/mdsgc- programs/scholarships/	Undergraduate and Graduate	-U.S. Citizen. -Application to, or enrollment in, an affiliate institution of MDSGC (Johns Hopkins is one). -Full-time student majoring in a STEM area, including: engineering, computer science, the biological and life sciences, chemistry, geological sciences, physics and astronomy. we are specifically interested in students whose academic major and career aspirations are relevant to aerospace and NASA. -Maintaining a 3.0 or higher GPA and appropriate major.	Not yet announced (most likely May 2025)	Awards vary and must be used for educational expenses (tuition, books, fees and room and board). More specifics may come later
National Defense Science and Engineering Graduate Fellowship Program (NDSEG) http://ndseg.sysplus.com/	Senior or Graduate	Be a U.S. Citizen, U.S. Dual Citizen, or U.S. National (as defined below) Have completed your undergraduate studies prior to the commencement of the fellowship in September 2024 Be applying to, accepted to, or currently enrolled at an accredited graduate-level institution within the United States Have at *least* THREE remaining years in your graduate degree program as of September 2024 Be pursuing research in alignment with one or more specific topics identified in the Department of Defense's Broad Agency Announcements (BAAs)	Novemeber 1, 2024	NDSEG Fellowships last for a period of up to three years (based on continued funding), and covers full tuition, mandatory fees. Fellows also receive a monthly stipend (\$3,200) while they are enrolled, up to \$1,200 a year in medical insurance, and a \$5000 travel budget over their tenure.

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National GEM Consortium Fellowship http://www.gemfellowship.org/students/gem- fellowship-program/	Senior or Graduate	Candidates are targeted for participation who are members of under-represented groups in science and engineering as defined by the United States Bureau of Labor Statistics. Applicants must be a U.S. citizen or U.S. permanent resident at time of application. Applicants must directly apply to a minimum of three (3) GEM Member Universities STEM graduate departments (by January 15th). Applicants must be admitted into a GEM Member University graduate program before the GEM Fellowship is awarded. MS Engineering Program Applicants: • must be a senior, or graduate of an accredited engineering or computer science program at the time of application. • must have a minimum cumulative grade point average of 2.8/4.0. • must contractually agree to intern for two summers with sponsoring GEM Employer, begining the Summer after sponsership Ph.D. Program Applicants: • must be a senior, masters student, or graduate of an accredited engineering or applied science program at the time of application. • must have a minimum cumulative grade point average of 3.0/4.0. • must contractually agree to intern with a GEM Employer member the Summer immediately after sponsorship.	November 8, 2024 at 11:59pm EST	GEM MS Engineering Fellows receive: \$16,000 total stipend over the entire Master's program (remitted in payments by terms to the matriculating GEM Member University) Full tuition and fees at GEM Member University Ph.D. Engineering/Science Fellows receive: At least \$16,000 stipend applied to each academic year Additional stipend (assistantships, grants, other stipend dollars) support from GEM Member University to bring the stipend amount up to the funding level of other funded PhD students in that department Full tuition and fees up to the fifth year of the PhD program	
National Institutes of Health (NIH) Undergraduate Scholarship Program (UGSP) https://www.training.nih.gov/programs/ugsp	Undergraduate	U.S.A. citizen or U.S.A. permanent resident Enrolled or accepted for enrollment as a full-time student at an accredited 4-year undergraduate institution located in the United States of America Undergraduate University Grade Point Average of 3.3 or higher on a 4.0-point scale or within the top 5 percent of your class Having 'Exceptional Financial Need' as certified by your undergraduate institution financial aid office - see table below. Committed to careers in biomedical, behavioral, and social science health-related research	Not yet announced (most likely mid-March 2025) Opens January 2025	UGSP Scholars may receive up to \$20,000 of scholarship support each academic year. The scholarship is paid directly to your university and can be used for tuition, educational and reasonable living expenses as established by your university. Scholars are paid directly during the summer and post-graduation service obligations at the NIH. The salary is commensurate to the level of education completed; scholars also receive benefits, including access to health insurance, free parking or Transhare benefits.	
National Physical Society Consortium (NPSC) Graduate Fellowship www.npsc.org	Graduate	GFSD welcomes applications from any qualified U.S. citizen who has the ability to pursue graduate work at a GFSD university associate. Applicants at any stage of their graduate program may apply, as long as they will be available to accept two summers of paid internship. Those who already possess a doctoral degree are ineligible.	Not yet announced (most likely January 2025)	The charge to the employer for each student supported is \$27,000 annually, of which \$20,000 is the fellow's expense allowance and \$7,000 is NPSC's fee to support its operations. The charge is subject to change at the discretion of the NPSC Board of Directors.	
National Science Foundation's Graduate Research Fellowship Program (NSF GRFP) http://www.nsfgrfp.org/	Senior or Graduate	Be a US citizen, US national, or permanent resident Intend to pursue a research-based Master's or Ph.D. program in a GRFP-supported field Be enrolled in an eligible program at an accredited United States graduate institution, with a US campus, by fall following selection Be at an early stage in your graduate career Have completed no more than one academic year of full-time graduate study (or the equivalent) Graduate students are limited to only one application to the GRFP, submitted either in the first year or in the second year of graduate school	Engineering: October 17, 2024 at 5:00pm local time (dates vary by discipline)	Five year fellowship period with three years of financial support Annual stipend of \$37,000 Cost-of-education allowance of \$12,000 to the institution No post-graduate study service requirement Access to supplemental funding to sustain research while on medical deferral (e.g. family leave)	
Naval Research Enterprise Intership Program https://navalsteminterns.us/nreip/	Undergraduate and Graduate	Enrolled full-time at an accredited four-year college or university (See below for exceptions) Solely U.S. Citizens (See exceptions below) On track to acquire a minimum of 31 credits by the start of the internship (Eligibility will be determined by the number of credits accrued by the end of the Spring semester before the internship start date) Students graduating the spring semester before the internship or later (Winter graduates are not eligible) Majoring in subjects relevant to the research interests of the laboratories	November 1 2024 at 11:59pm	The internship has a duration of 10 weeks (possibility of extending up to 4 week). Stipend levels will be determined by the student's years of participation in the NREIP program. Stipends will be paid bi-weekly via direct deposit. \$7,500: New undergraduate student participants. \$9,000: Returning undergraduate students (students MUST have completed a full 10 week program in a prior year to receive this level). \$11,500: Graduate students (students must currently be in graduate school and taking graduate school courses to receive this level).	

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Patti Grace Smith Fellowship https://www.pgsfellowship.org/	Freshman or Sophomore	1. You should be Black or African-American. 2. You should be a current student in the first two years (freshman/sophomore) of a Bachelor's Degree program or any year of an Associate's Degree program. 3. You should be a US Citizen or US Permanent Resident. 4. You should be seeking your first ever job/internship in the aerospace industry.	Tuesday, October 1, 2024	Summer internship at a leading aerospace institution; personalized mentors; cash grant of likely around \$3000-\$4000	
Rhodes Scholarship http://www.rhodesscholar.org/	Senior or Graduate	A citizen of the United States OR a lawful permanent resident of the United States OR a U.S. resident with active DACA status Eligible to apply through one of the 50 states, the District of Columbia, or one of the U.S. territories: either in the state or territory where the applicant was legally resident on April 15 in the year of application, or where the applicant will have received at least two years of college training and a bachelor's degree before October 1 in the year following election. i. You must be aged 18-23 on 1st October 2024 (i.e. you must have been born after 1 October 2000 and before 2 October 2006). OR (for older candidates who completed their first undergraduate degree later than usual) ii. You must be under the age of 27 on 1st October 2024 (i.e. have been born after 1 October 1997) AND you must also have completed your first undergraduate degree on or after 1 October 2023*. Must have completed an undergraduate degree from a college or university by July 2023 with a GPA of 3.70 or higher on a 4.00 scale	October 4, 2024 at 11:59 PM EST	The Rhodes Scholarship funds two years of graduate or undergraduate study at Oxford University, as well as an annual stipend.	
Siebel Scholars Foundation http://www.siebelscholars.com/	Graduate	Research is in the Bioengineering field Currently enrolled in a Master's or PhD program Ranks within the top 10% of their Bioengineering class based on academic results Demonstrates excellence, in terms of leadership qualities, in academic pursuits, non-academic pursuits, and in experience prior to entering the graduate program. Has a track record of distinguished research Has completed at least one year at Johns Hopkins University and is reasonably expected to have only one year remaining in the Master's or Ph.D. program.	****Nomination/Selection Process Interested students should speak with their adviser/faculty/department academic staff about the internal nomination process. Our departments nominate candidates through an internal selection process and submit final nominations to the dean's office by the end of June.	\$35,000 toward the final year of graduate studies	
Society of Hispanic Professional Engineers http://scholarships.shpe.org/students/	Undergraduate and Graduate students	Current engineering sophomores and juniors may apply by proposing an international: -Research project, You must be a full time student and meet GPA requirements for both terms to be eligible for both disbursements. All scholarships require a minimum cumulative GPA of 2.75 unless specified differently below.	Various - See website for details	Various - See website for details	
The Gerald A. Soffen Memorial Fund Travel Grant https://soffenfund.org/	Undergraduate and Graduate	Students pursuing undergraduate or graduate degrees in aerospace-related sciences or engineering fields Applicants must be enrolled full time in an accredited undergraduate or graduate institution of higher learning in the United States.	Spring (likely April) and Fall Date TBD	The Soffen Fund will award up to \$1000 in Travel Grants, with no individual award greater than \$500, contingent upon acceptance of the recipients' conference abstracts. Recipients may use the Grant to attend either virtual or in-person conferences.	
Society of Women Engineers (various) http://societyofwomenengineers.swe.org/scholarshi ps	Undergraduate and Graduate	Only candidates who identify as women are eligible. Undergraduate applicants must be planning to study an ABET-accredited program in engineering, technology, or computing in the upcoming academic year. Masters and PhD candidates must be enrolled or accepted at a school with ABET-accredited programs in engineering, computing, or technology. You must be planning to attend full time (exceptions are made for reentry and non-traditional applicants). You must not be fully funded for tuition, fees, and books and equivalent. Other requirements may apply - see website for details	Not Available yet, check the website for various due dates	Various - See website for details	

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The Paul & Daisy Soros Fellowships for New Americans http://www.pdsoros.org/	Senior or Graduate (Apply when you're applying for a graduate program or when you're in the first two years of said program)	You must be: A New American (both birth parents must have been born outside of the US, and you must be an American citizen, green card holder, granted refugee or asylum in the US, or graduated from high school and college in the US). Not yet 31 years old, as of the application deadline. A college senior or holder of a bachelor's degree. Not beyond your second year – if already enrolled – in the graduate degree program for which you request support.	October 31, 2024 at 2:00pm EST	Each Fellow receives up to \$90,000 in financial support over two years, and they join a lifelong community of New American Fellows.
Tau Beta Pi Fellowships (various) https://www.tbp.org/fellowships.cfm	Graduate	Applications are welcomed from all members of Tau Beta Pi—students and alumni. The program is designed for initiated members of Tau Beta Pi who pursue full time graduate study the following academic year in a field that contributes to the profession of engineering. You may be an undergraduate when you apply but the fellowship is for graduate study only. U.S. citizenship is not required. Legal residency is required.	February 1, 2025 at 11:59pm	Fellows will receive \$10,000 in three installments
Tau Beta Pi Scholarships (various) https://www.tbp.org/scholarships.cfm	Undergraduate Students	Applications are welcome from members or candidates for membership who will be initiated by June 1. Recipients must be full-time undergraduate engineering students during the 2024-25 academic year. Full-time students graduating in the fall semester are eligible for partial scholarships.	11:59 P.M. (EDT) April 1, 2025	Scholars will receive \$2,000 payable in two equal payments in mid-September and mid-January. Scholars returning for one semester will receive a single payment of \$1,000 in mid-September.
Vredenburg Travel Fund https://engineering.jhu.edu/ug- academic/engagement/vredenburg/	Sophomore or Junior	Current engineering sophomores and juniors may apply by proposing an international: -Research project, service project, or internship (paid or unpaid)	February 28, 2025	Projects will be funded to a maximum of \$8,000; the typical range of a Vredenburg Scholarship is between \$5,000 and \$7,500. The Scholarship may be used to defray the costs of tuition, travel, living expenses, and other reasonable expenses associated with the international experience.
The Zonta International Amelia Earhart Fellowship https://www.zonta.org/Web/Our Programs/Education/Amelia Earhart Fellowship, Veb/Programs/Education/Amelia Earhart Fellowship.aspx	Graduate	Women of any nationality pursuing a Ph.D./doctoral degree who demonstrate a superior academic record in the field of aerospace-related sciences and aerospace-related engineering. Applicants must have completed one year of a full-time PhD/Doctoral program, or have received a master's degree in an aerospace-applied field. Students must be registered in a full-time PhD program. Applicants must not graduate from their PhD/Doctoral program before April 2026	Friday, November 15, 2024	\$10,000 May be used at any university or college offering accredited post-graduate courses and degrees in aerospace-related sciences and aerospace-related engineering.