

APPLICATION 101: ANSWERING YOUR TOP QUESTIONS



Thank you for your interest in the Department
of Energy Computational Science Graduate
Fellowship (DOE CSGF).

Deadline Dates:

Application Final Submission: January 17, 2024

Reference Letter Submission: January 24, 2024

Official Transcript Submission: January 31, 2024

Topics Included:

- DOE CSGF Benefits
- Eligibility: Citizenship
- Eligibility: Academic Status
- Science/Engineering track vs. Math/CS track
- Program of Study (POS)
- References
- Transcripts
- General Application & Fellowship Questions
- Q & A Session
 - Questions about your eligibility status or unique circumstance should be sent to csgf@krellinst.org

DOE CSGF Benefits

- Four-year federal fellowship program
- Annual stipend of \$45,000
- Payment of full tuition, mandatory fees & student-only health insurance
- Annual \$1,000 academic allowance
- 12-week onsite practicum at DOE national laboratory
- Rigorous program of study
- Annual program review for fellows, alumni, university and DOE laboratory staff, held each summer in Washington, D.C. area

Eligibility

- Citizenship:
- To be eligible and considered for a fellowship, you must fall into one of two categories:
 - United States citizen or
 - Lawful Permanent Resident (LPR)
 - Copy of current and non-expired green card is required as part of the application; will be contacted after application deadline to obtain copy
 - Must hold permanent, non-conditional status
 - An I-551 stamp or letter will not suffice as proof of residency
- There are no exceptions to the citizenship status rule
- DACA or Dreamer status residents are not eligible
- Student Visa residents are not eligible
- Questions regarding citizenship eligibility can be sent to csgf@krellinst.org

Eligibility

- Academic status:
- Undergraduate senior
 - Will begin graduate school fall 2024
- First-year graduate student
 - Began graduate school fall 2023
 - Based on start of graduate school, not start of PhD program or thesis work
- Master's degree student
 - Must be attending different institution for PhD if doctoral work will begin immediately following completion of master's degree
 - Attending the same institution within the same department, but there is at least a two-year gap between completing the master's degree and starting graduate school for PhD
- Employed
- Other
 - Matriculating into a graduate program fall 2024
- There is no limit to the number of times you can apply for the fellowship provided that you remain eligible
- Second-year graduate students are not eligible regardless of receiving or not receiving a master's degree
- Defer to university academic status of applicant to determine eligibility
- Must be a full-time student on site at a U.S. accredited university
- Questions regarding academic status eligibility can be sent to csgf@krellinst.org

Science/Engineering vs. Math/CS Track

- Students in the S/E track have an interest in research using computing and mathematical methods to solve science and engineering problems.
- Students in the math/CS track address the ongoing needs of the DOE performing research in computer science, computer engineering, mathematics or statistics.
 - This track is intended for those that will undertake research that will contribute to more effective use of emerging high-performance computer systems.
- Accepted fields are listed on DOE CSGF website
- Applicant must make own decision regarding the track they should apply to.
 - The DOE CSGF Program Coordinator cannot tell you the track you should apply for.
- Although two different tracks, all fellowships offered will be considered a DOE CSGF.
 - Essay questions slightly different – all other requirements and obligations are the same for both tracks.
- *Hint: If your research has an application, then you would lean towards the traditional track. If your research does not have an application, then you would lean towards the math/CS track.*
- Questions about the two tracks can be sent to csgf@krellinst.org

Program of Study (POS)

- Please read through instructions, guidelines and requirements, help links and FAQ before generating your POS and/or emailing with a question regarding the POS.
- Basics:
 - POS is based on top choice institution for students currently applying to graduate school
 - Quarter system university: 10 courses required (3 courses in each section; 1 course in HPC section)
 - Semester system university: 7 courses required (2 courses in each section; 1 course in HPC section)
- High-performance computing (HPC) course
 - A course that introduces the concepts of HPC may be taken from any department with a preference given to courses from a CS department.
 - Course cannot be double-counted as meeting both the HPC requirement and completing requirements of any of the other three topic areas.
 - Requirement may be waived with evidence that a suitable graduate level course has been successfully completed.
 - The HPC course should be added to the HPC section of the POS.
- All courses must come from their respective departments. CS courses from CS department, math courses from the math/stats department and science/engineering courses from science/engineering departments.
 - Cross-listed courses acceptable
 - Interdisciplinary departments acceptable (i.e., EECS, CME, CSE, etc.)
- All courses must be taken for graduate credit
 - Exception is given for non-CS students; may use graduate or upper-level undergraduate CS courses in CS section.
- No more than half of the POS may be completed before the start of fellowship.
- First-year graduate student may have major area completed before start of fellowship.
- Academic Advisor: May use current academic advisor or contact a potential advisor at top choice university to review the POS. Please see FAQ for more.
- Additional questions about the POS can be sent to csgf@krellinst.org

References

- Three letters of recommendation are required, but fourth space available if you would like to list another
 - No advantage given to those with four references
- The letter that is sent to your references is available within your application
- Reference letters are due by **January 24, 2024** and it is your responsibility to check your application status regularly and re-notify references if needed
 - Notified
 - Submitted
 - Not notified
 - In progress

Transcripts

- Read through 'Transcript Information' link within application first!
- Transcripts must be official and sent directly from the university either through an e-transcript system or mailed.
 - E-transcripts should be sent to csgf_trans@krellinst.org.
- Transcripts emailed, mailed or faxed by the applicant **will not** be accepted.
- Some exceptions for international transcripts – please email DOE CSGF Program staff if international university is unable to send a transcript.
- Email DOE CSGF Program staff if:
 - You're applying to multiple fellowship programs administered by the Krell Institute – only one copy of transcript needed.
 - Your name appears different on your transcript than what is listed on your application.
 - Transcript will not be available by January 31, 2024 deadline date
- Please note:
 - Transcript processing time may take 2-3 days
 - Fulfilment of university request to process your transcript could take a few weeks; email your university first if you feel that your transcript should have arrived and been updated within your application. After confirmation of a sent transcript from your university, email Krell Institute at csgf@krellinst.org to inquire.
 - Application Status will show received transcripts; it is the responsibility of the applicant to check the application status regularly and follow-up on missing items.
- *Hint: e-transcripts are the preferred method of delivery.*

Official transcripts are due by January 31, 2024



General Application & Fellowship Questions

- Each aspect of the application is important
 - POS
 - Essay Questions
 - Personal Statement
 - Letters of Recommendation
 - Experience
- Fellowship is very competitive and prestigious
- Deferrals are not offered
- POS and 12-week practicum are strict requirements of the fellowship; no exceptions made
- Please read through all of the application documents provided, including instructions, help links, FAQ, etc. before emailing the DOE CSGF Program Coordinator.
- Additional questions can be sent to csgf@krellinst.org

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Questions?



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