

DoE CSGF Guide

Fellowships Advising and Study Abroad
Center for Student Services, RM. 319
FASAOoffice@caltech.edu

DOE CSGF — Department of Energy Computational Science Graduate Fellowship
<https://www.krellinst.org/csgf/>

Timeline & Eligibility

- **Application Opens:** Annually in the fall, through the DOE CSGF online portal.
- **2025–2026 Deadline: Thursday, January 16, 2025**, at 6:00 PM ET
- **Extended Submission Window:** References accepted through January 23, transcripts through January 31, 2025
- **Eligibility:**
 - **U.S. citizens or lawful permanent residents** only
 - Candidates may include:
 - **Undergraduate seniors**
 - **Current master's students** (if enrolling in a new Ph.D. program in fall)
 - **First-year graduate students** (not having completed over one year of coursework yet)
 - **Employed individuals or those matriculating into graduate school**
 - Applicants must enroll full-time in a **U.S. Ph.D. program**, with minimal teaching requirements (department must waive teaching beyond one term)

Getting Started—Step-by-Step

1. **Confirm eligibility** — Ensure you fall into one of the eligible categories above.
2. **Prepare your Program of Study (POS)** — Collaborate with your future Ph.D. advisor to draft a POS that includes coursework across scientific/engineering, applied mathematics/statistics, and computer science/engineering, plus an HPC-focused course
3. **Access and work in the online application system** — Open during the fall to early spring, with in-system tools to track components and reference submissions
4. **Compile supporting materials:**
 - a. Program of Study (POS)
 - b. Three letters of reference (prompt via system, monitor submissions)
 - c. Transcripts from all institutions attended (must be official)
5. **Submit your application by January 16, 2025**, and ensure reference letters and transcripts arrive by their extended deadlines.

DoE CSGF Guide

Fellowships Advising and Study Abroad
Center for Student Services, RM. 319
FASAOoffice@caltech.edu

Tips to Build a Competitive Application

- **Program of Study:** Showcase breadth—base your coursework to cover scientific/engineering disciplines, mathematics/statistics, and CS/engineering, with a required HPC-focused course
- **Fit to DOE Mission:** Highlight your computational research's alignment with DOE priorities and high-performance computing.
- **Letters of Recommendation:** Choose referees who can speak to your computational strengths and potential; monitor submissions via the application portal.
- **Departmental TA Policy:** Confirm your department will honor the waiver for teaching requirements as per DOE rules

Selection Process Overview

- **Review Panel:** Includes faculty, DOE lab researchers, and government scientists; evaluates based on academics, POS breadth, research statements, and references
- **Notification:** Decisions made by **late April 2025**

Benefits & Opportunities

- **Stipend:** Approximately **\$45,000/year** plus full tuition and fees
- **Professional Development Allowance:** ~\$1,000 annually for professional expenses (initial year may include ~\$5,000 for workstation/practicum)
- **DOE Laboratory Practicum:** A **12-week summer research placement** at a DOE national laboratory, providing hands-on HPC experience
- **Renewable Support:** Up to four years, based on academic performance, program progress, and practicum completion
- **Community & Networking:** Annual meetings and connection to DOE CSGF alumni and lab staff

Summary Checklist

- ◇ Confirm eligibility status
- ◇ Draft Program of Study with advisor
- ◇ Access application when it opens
- ◇ Request three references and ensure timely submissions
- ◇ Order official transcripts
- ◇ Submit application by **Jan 16, 2025**; monitor references/transcripts after deadline
- ◇ Prepare for potential notification by late April