

High-Performance Computing

INTERNSHIP

Program (HIP)

You can harness high performance computing resources to solve our most critical Department of Defense mission challenges.

INTERNSHIP



Eligibility Requirements

- U.S. Citizens that are 18 years old at time of application
- Majoring in STEM discipline
- Full-time student or recent graduate (undergraduate, graduate, or post-doc)
- Minimum cumulative GPA 3.0 or higher (4.0 scale)



Funding

Monthly stipend, dislocation allowance, housing allowance, & professional travel.



Internship Location

Locations vary but are typically in Mississippi, Maryland, Ohio, & California. Some opportunities are remote.



Final Reporting

Research paper and oral report.

CALL FOR INTERNS

FY25

The Department of Defense's (DoD) High Performance Computing Modernization Program (HPCMP) High-Performance Computing Internship Program (HIP) develops the skills of future computational scientists and offers an opportunity for prospective DoD employees to experience defense-related research and development.

The HIP provides undergraduate and graduate students, majoring in science, technology, engineering, and mathematics (STEM) areas, internship opportunities to gain exposure to and experience with high-end computing (HEC) by working under the mentorship of scientists and engineers at DoD facilities across the nation.

Interns will be paired with DoD mentors for a 10-week on-site research experience.

FACTS

Applications:

November 2024 to
March 2025

<https://www.zintellect.com>

Program Benefits

- * Learn from and collaborate with scientists and engineers at DoD facilities across the nation.
- * Contribute to significant Research, Development, Test, Evaluation & Acquisitions Engineering activities.
- * Develop critical skills and establish long-term connections.
- * Receive financial support including a stipend and travel allowances.
- * Gain a competitive advantage and improve long-term career opportunities.

Have a question? Email us at

HIP@hpc.mil





Faculty Immersion

EXPERIENCE

(FIX)

You can harness high performance computing resources to solve our most critical Department of Defense mission challenges



The Faculty Immersion Experience seeks to provide research experiences for university faculty while strengthening collaboration, enhancing research capabilities, and encouraging broader university-level participation in high-end computing (HEC)

- Selected faculty members collaborate directly with researchers at DoD laboratories on projects that leverage HPCMP resources.
- Participants are encouraged to have collaborative summer research with students during their appointment.
- Stipend is based on faculty position (i.e., assistant, associate, full professor).

Award Benefit

- Appointments are for 10 weeks in the summer term
- Stipend, round-trip domestic travel to laboratory and housing allowance are included
- Labs provide training seminars and professional development opportunities

Eligibility

- U.S. Citizen
- Must work full-time at an accredited, degree-granting, post-secondary US institution (includes community college). Adjunct or visiting faculty are ineligible
- Must work in an area of physics, chemistry, non-medical biology, engineering, environmental sciences, geology or geosciences, mathematics, materials sciences, or computer or computational sciences

FACTS

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