

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

FY24

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 2023 to  
March 2024

<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](mailto: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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