



2018 DOD HPCMP HPC INTERNSHIP PROGRAM (HIP) PROPOSAL INSTRUCTIONS

Mentors interested in submitting a HIP Proposal will use this form. No other formats will be accepted. Submit a separate proposal for each HIP project. Directions follow for those fields that may require clarification.

Section 1:

Synopsis: This is a brief description of the project that, if awarded, will be used to prepare the DD1144.

Mentor's Information: Provide the mentor and co-mentor's organization and contact information. Mentor must be a government employee; the co-mentor may be a contractor.

Mentor's Plan:

No. of Interns: Identify the number of interns being proposed to support this effort. All associated costs, contractor fees, or government internship processing fees are either covered in this limit or covered by the organization if the total cost is greater than the funding provided.

Est. Start Date: For planning purposes, provide the best estimate at this point for your intern to start.

Note: The actual start date of your intern will depend on availability and in-processing by the intern vehicle used.

Section 2:

Proposed performing organization's confirmation of intent to accept funds: This section requires signatures of the Mentor, Performing Organization's Approving Official and Financial POCs, confirming that the organization is able to accept and fully expend the funding of this project, if awarded.

Funding document addressed to: Provide the address as it should appear on the MIPR.

Special Instructions: Provide any special instructions that may be useful for the HPCMP financial team in processing a funding document.

DD1144 Signatory: If your organization has a designated signatory for DD1144 forms other than the Approving Official, provide their name and contact information.

Section 3:

This section is limited to two (2) pages and must contain the following four elements. Please begin each new section with the element heading (i.e. **Mission Impact**, **Program Plan**, etc.).

Element 1: Mission Impact: State clearly the value of the project to the mentor's Service/Agency organization and DoD and indicate if this project will support and possibly impact any specific Service/Agency RDT&E activities (such as Key Mission Priorities or Programs of Record). Also state if this project is related to any of the following HPCMP interest areas: *Hypersonics, Big Data Analytics, Autonomy, Radar/Antenna Modeling, Directed Energy, Missile Defense, Advanced Rotorcraft or Ship Acquisition*.

Element 2: Program Plan: State the overall science and engineering goals of the project and discuss the technical approaches required to accomplish these goals. Identify the appropriate HPC tools and resources to be used. Provide a project plan with clearly defined outcomes and a realistic project schedule.

Element 3: Intern Activities: Show evidence that the proposed work is challenging to the intern. State the relevance of the project to a STEM student's professional goals. Provide detailed plans for professional networking activities, training, and touring the local laboratory/test center specified. Describe how the project will enhance an intern's skills, knowledge, and abilities to improve long-term career opportunities within DoD.

Element 4: Mentor Qualifications: State the mentor's previous experience in intern programs such as HIP. Show there is a reasonable expectation that the mentor has a clear understanding of the roles and responsibilities required to successfully mentor a HIP intern. State how the project will be coordinated with the technical work performed by the mentor and his/her research group. Place this project in the appropriate context of DoD Workforce Development.

The Submission Process: Section 2 **must** have the digital signatures of the Mentor, Performing Organization's Approving Official, and Financial POC before the package can be accepted. When submitting the proposal, use the following file name convention: mentor's last name_org_date (ex: Polsky_NAWCAD_16Sep2017.pdf). Proposals must be submitted by email to the HPCMPO at 2018-HIP@hpc.mil.

**2018 Mentor Proposal for the
High Performance Computing Internship Program (HIP)**

HIP-18-
WD Staff Only

Section 1:

Proposal Title:

Synopsis:

Mentor's Information:

Organization/Command: Department/Branch:
HPCMP Project No.
(if applicable)

Mentor (Must be government)

(Title) Name:
Phone:
Email:
Physical Mailing Address:

Co-Mentor (optional/contractor ok)

(Title) Name:
Phone:
Email:
Physical Mailing Address:

Mentor's Plan:

No. of Interns Planned: (Choose an item.) Est. Start Date:

Section 2: MANDATORY – ALL FIELDS MUST BE COMPLETED

Financial Point-of-Contact

<input type="text"/> (Title) Name: <input type="text"/> Phone: <input type="text"/> Email: <input type="text"/>	Physical Mailing Address: <input type="text"/>
---	---

Performing Organization Approving Official

<input type="text"/> (Title) Name: <input type="text"/> Phone: <input type="text"/> Email: <input type="text"/>	Physical Mailing Address: <input type="text"/>
---	---

Funding Document Addressed to

(if different than Financial POC):

Special Instructions:

DD1144 Signatory Contact Information *(if different than Approving Official)*

Title	Name:	<input style="width: 95%;" type="text"/>	Position Title:	<input style="width: 95%;" type="text"/>
Phone:	<input style="width: 100%;" type="text"/>		Email:	<input style="width: 100%;" type="text"/>
Physical Mailing Address:				
<div style="border: 1px solid black;"></div>				

Proposed Performing Organization's Confirmation of Intent to Accept Funds:

"By signing the below, I confirm that the organization is capable of, and intends to, accept the funds for this internship opportunity if awarded. I further confirm that the organization will take the necessary steps to ensure that funds are either fully expended, or will de-obligate and return any remaining balance to the HPCMP no later than 30 days after the internship is complete.

Mentor:	<div style="border: 1px solid black; padding: 5px; display: inline-block;">X</div> <hr style="width: 90%; margin: 5px auto;"/> Mentor
Financial POC:	<div style="border: 1px solid black; padding: 5px; display: inline-block;">X</div> <hr style="width: 90%; margin: 5px auto;"/> Financial POC
Approving Official:	<div style="border: 1px solid black; padding: 5px; display: inline-block;">X</div> <hr style="width: 90%; margin: 5px auto;"/> Approving Official
DD1144 Signatory: <i>(if different than Approving Official)</i>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">X</div> <hr style="width: 90%; margin: 5px auto;"/> DD1144 Signatory

Section 3:

This section is limited to two (2) pages and MUST contain the following four elements: **Mission Impact, Program Plan, Intern Activities, and Mentor Qualifications.** (See instruction page for more details on specific element content.) Begin each new area with a header for each element (Ex: **Mission Impact**).

6,000 character limit for this page

