

Supplemental JCATI 2026-27 Request for Proposals

Due Date: Friday, February 27, 2026, 5 PM PST

General Information

The Joint Center for Aerospace Technology Innovation ([JCATI](#)) is a Washington State (WA) aerospace industry economic development program. Our mandate is to transition new technologies to WA aerospace companies of all sizes. **JCATI project award funds pay for short term industry access to WA public university engineering expertise.** Preferred industry projects are Technology Readiness Level (TRL) 4-7 ("Valley of Death").

NEW: REQUIRED Intellectual Property (IP) Agreement: JCATI requires an IP agreement to be in place before submitting a funding application. Details on Page 3 and Section VIII.

NEW: OPTIONAL Supplementary Option Funding: applicants can request up to \$50,000 additional funds to increase project impact. Details in Section E.

How JCATI works:

- A WA aerospace company identifies a technical pain point and finds necessary expertise in a WA public university School or College of Engineering.
- Engineering faculty submits a JCATI project application describing how their expertise can solve the technology issue.
- If selected, faculty receive funding which primarily supports WA engineering students working on the technology solution.
- Industry partner provides project in-kind support necessary for project completion. Successful projects are well scoped and have a clear technology transition plan

JCATI funds are not long-term grants, industry sponsored research, or basic research support. JCATI projects are not capstones but projects with real industry deliverables. Interested industry partners can contact WA public university engineering faculty directly or can ask the JCATI Program Manager to help identify potential academic partners. **If an industry partner requires matchmaking help,** contact the Program Manager no later than January 16, 2026.

RFP virtual office hours: February 12, 2026 3-4 pm. Zoom session to ask RFP related questions. [Registration required.](#)

All application documents and guides can be found on the [JCATI funding page.](#)

Program Contact: Beth Hacker, JCATI Program Manager, bhacker@uw.edu.

Award Information

- Estimated number of awards for 2026-27: 10-12
- Base budget request: \$115,000. Applicants may request optional \$5000 for Undergraduate Scholars Program.
- Optional Supplementary Option Funding can potentially provide a maximum of \$50,000 in additional funds.
- Project award period is 1 year: July 1, 2026, to June 30, 2027.
- All JCATI funds must be spent by June 30, 2027. No cost extensions are not allowed. Any unspent funds are returned to the state via the UW.
- JCATI award funds are not subject to university indirect rates (F&A).
- Awardees and their students are required to present projects at the April 2027 JCATI symposium in Seattle (date TBD).
- A final report requiring information from both academic and industry partners is due July 16, 2027.

Eligibility Requirements:

- Applicant Organization: Eligible applicant organizations are Central Washington University, Eastern Washington University, Evergreen State College, University of Washington, Washington State University and Western Washington University. This opportunity is open to all eligible persons regardless of race, sex, or other identity.
- Principal Investigator: The principal investigator (PI) and all co-investigators must be employed by the applicant organization's College or School of Engineering. Principal investigators must meet their employer's requirements for such status.
- Industry Partners: **The primary aerospace industry partner must have a WA presence. The majority of project work and project impact must occur in WA.** Organizations outside WA may be permissible if the above conditions are met. JCATI is funded by WA taxpayers and must benefit our state. Please contact the JCATI Program Manager if you have questions.
- JCATI funds only one proposal per PI.
- For UW Applicants Only:
 - JCATI applications do not require an eGC1. Do not submit applications to OSP!
 - UW does not allow postdocs to be PIs.
 - Applied Physics Laboratory (APL) researchers and staff are ineligible to apply.

- For WSU Applicants Only:
 - WSU faculty including graduate students in their JCATI proposals must request and receive tuition waivers with an approved commitment from the Graduate School prior to routing the proposal for submission.

Management and Ownership of Intellectual Property

NEW AND REQUIRED:

New for FY2027: To add clarity for management of intellectual property (IP) arising from JCATI projects, this year we require both the academic and industry partner(s) to review and accept the JCATI project IP terms as a condition of proposal submission. Please read the **JCATI Intellectual Property Terms document and attached JCATI Collaborative Research Agreement** (on JCATI funding page under Forms and Downloads) carefully. A full JCATI Collaborative Research Agreement, signed by authorized university and industry collaborator representatives, may only be completed if the project is selected for funding.

Intellectual property policies are set at the university level. If you have any JCATI project IP questions, please contact your university IP office:

- UW CoMotion: Forest Bohrer (fbohrer@uw.edu), Senior Innovation Manager, Engineering
- WSU Office of Commercialization: Scott Steiger (scott.steiger@wsu.edu), Associate Director for Technology Management and Entrepreneurship
- WWU: David Patrick (dpatrick@wwu.edu), Dean of the Graduate School and Vice Provost for Research

Detailed RFP instructions can be found under “Section VIII Intellectual Property Documentation.”

- Proposal information is not released without both academic and industry partner permission.

Types of Supported Projects

- **Projects must be WA State aerospace industry related with impact occurring in WA**

JCATI is strongly interested in proposals focused on AI/ML but open to proposals across all aerospace sectors including but not limited to:

Aerospace materials, aerospace sustainability, aircraft configuration design, aircraft or spacecraft power systems, airport transportation modernization, battery development, communications systems, controls and autonomy, cybersecurity & communication resilience, data simulation and digital twins, electric motors & actuators, fuel burn reduction, human-machine interfaces, launch vehicle reusability, manned & unmanned teaming, manufacturing and production innovation, propulsion technologies, robotics in space, safety technology or diagnostic tools for passengers and/or aerospace workers, satellite and

satellite system weight reduction, software, solutions for space debris reduction and collision avoidance, space, UAV systems.

- Selection preference is for projects with a high probability of technology transitioning to the industry partner within 1 year, preferably sooner. JCATI funding is not appropriate for basic research or long-term projects.
- Industry partners must provide project support (cash and/or in-kind) which can include materials, consulting time, machinery access, computing time, testing facilities, etc. Applications must include an industry letter documenting the technology need and support amount. Industry partners are encouraged to find ways to involve students in the technology transition. At project conclusion, the industry partner provides a letter documenting support amount and technology transition back to the company. Failure to provide letters or communicate the transition may affect future project funding.
- The academic partner uses JCATI funds for student salaries, equipment, laboratory fees, materials, etc. All expenditures must follow fiscal best practices set by their institution.

Narrative Pre-review Opportunity

JCATI provides an optional pre-proposal narrative review focusing on grantsmanship and RFP structural aspects, not the project's science, scope, budget, or fundability. The pre-review is separate from full proposal review and comments are non-binding. Each applicant may submit only one draft narrative for pre-review. Do not include project budget, industry letters, or cover page.

Upload your draft PDF narrative into this [Google Form](#) until Friday, January 16, 2026. Only pre-proposals submitted this way will be considered. You will receive brief feedback related to meeting the RFP intent.

JCATI Proposal Preparation and Submission Instructions

- Use Arial 10-point font and 1" margins. Figure captions can use a smaller size.
- Application size limit=4 MB
- Applicants must include disclosures of any financial or tech transfer interests held in industry partners.
- Failure to follow instructions will result in penalties, including returning without review
- UW Aero & Astro applicants: budget must be signed by A&A grant staff no later than 5 PM Friday, February 20, 2026.
- UW Mechanical Engineering: budget must be signed by ME grant staff no later than 5 PM Tuesday, February 24, 2026.

Submit the full application no later than Friday, February 27, 2026, at 5:00 PM (PST). Upload your application PDF using the large "Submit Applications Here" button on the [JCATI funding page](#). **Only proposals submitted via the JCATI website will be accepted.** Do not send your proposal to the JCATI

Program Manager. Submissions are time stamped upon receipt and late proposals will not be reviewed.

The JCATI proposal includes the following elements in order:

I. Application Cover Sheet

Complete the 2026 Cover Sheet found on the [JCATI funding page](#) under Forms and Downloads.

II. Non-Technical Abstract and Project Diagram (1-page total for abstract and diagram (both on same page), 150-word limit for abstract)

Abstract: In 150 words or less, state the overall project objective(s), deliverable(s) and impact in accordance with JCATI’s purpose.

Diagram: on the same page under the 150-word abstract, include a figure using the format below. The boxes can contain text, graphics, and/or figures to **briefly** summarize project goals.

<u>Industry Pain Point</u>	<u>Proposed Solution</u>	<u>Industry Benefit</u>

III. Narrative (total of 5 single-spaced pages for sections A-C)

Provide sufficient technical information for reviewers to evaluate the scientific merit and benefit to WA aerospace industry independent of any other document. All figures are included within the page limit. Note references are listed separately in Section IV. **Include the following sections in order, each with the section title.**

A. Technical Merit and Project Feasibility (2 pages total for sections A.1-A.2)

A.1. Technical Background and Approach

Clearly present your industry partner’s technology pain point and how your scientific expertise addresses the problem. Explain how the proposed solution impacts the industry partner’s production processes and/or market. If the project is a continuation from the previous year, explain why more JCATI funding is necessary. Use [NASA’s TRL definitions](#) to define the initial project TRL level and explain your choice. Preferred projects are TRL 4-7 technology issues.

A.2. Objectives, Outcomes, Deliverables

Clearly list specific technical project objectives and deliverables to address the pain point. Show how you plan to solve the pain point in the 1-year JCATI funding period.

NOTE: limit of 2 pages total for sections A.1.-A.2. Make sure to explain the specific industry pain point and why you can solve it!

B. Industry Partnership and Transition Plan

B.1. Industry Partner In-kind Support

State the industry project in-kind support type and cash equivalent value. Support can be cash, materials, consulting time, computing time, machining time, etc. Industry partners must verify actual delivered support at project period end.

B.2. Partners and Roles

Describe both the academic and industry partner's specific contributions to project support and transition success. Include the name(s) of the industry lead(s).

B.3. Technology Transition Plan

Provide a project plan and/or timeline describing project milestones, academic partner exit, and project technology hand off to your industry partner. How will the deliverables in Section A.2. move from your academic lab back to the industry partner within 1 year of JCATI funding ending (ideally much sooner)?

C. WA Economic and Educational Impact

C.1. Business Opportunities and Job Benefits

Describe how JCATI funding economically impacts your industry partner. Include any real measurable job creation metrics or fiscal benefits. Is there a near term WA business opportunity the technology opens or improves?

C.2. Educational, Internship and Job Opportunities

Describe how WA engineering students directly benefit from project participation. This can be through internships, job opportunities, mentoring, soft skills development, networking, community or student outreach, etc.

OPTIONAL Section D: Undergraduate Scholars Program (1-page limit, \$5000 max)

The Undergraduate Scholars Program (USP) supports meaningful undergraduate student research opportunities. Student participation can be for a defined period (summer, part of academic year) or over the entire project.

If applying for optional USP funds, provide the following information:

- Describe recruitment and selection of USP students.
- Describe the USP student role in the project and how USP funds will be spent

NEW OPTIONAL Section E: Supplementary Option Funding (300-word limit, \$50,000 max)

The JCATI Board is piloting *Supplementary Option Funding* to projects that demonstrate strong potential to further impact their technological impact. Faculty PIs are invited to indicate whether they wish to be considered for this additional support as part of their proposed effort.

If interested, please provide a maximum 300-word description of how additional funds (up to \$50,000) would further strengthen the project's impact on Washington State's aerospace industry. A detailed budget and justification are not required at this stage.

IV. References and Optional Reviewer Suggestions (1-page total limit)

1. References-List all references from Sections A-C here.
2. Optional Reviewer Suggestions: Provide reviewer names and contact information. Please first check they are willing to serve as a reviewer and do not have a conflict of interest.

V. Industry Letters of Support

Each industry partner must provide a letter of support (LOS) outlining project support and involvement. At project end, industry partners must verify the delivered support amount. LOS should include the following:

- Name of industry contact and project role
- Type of in-kind support and its cash equivalent value. Support may be in the form of, but not limited to cash, materials, facility access, testing services, consulting time, student internships.
- Brief description of how technology will be transitioned back into the company for use.
- If applicable, brief description of milestones or decision points for support distribution.

VI. Biosketch (2-page limit each for PI/Co-PI)

Maximum 2 pages each for PI/Co-PI. Create an abbreviated biosketch using only the following NSF sections:

- Professional preparation: undergraduate and graduate education, postdoctoral training
- Appointments: in reverse chronological order list academic or professional for the last 10 years
- Products: up to 5 products related to expertise required for the JCATI project. Products can include publications, patents, data sets, software, startups, etc.

VII. Budget Form and Justification

- Maximum base budget request: \$115,000. Applicants may request optional \$5000 for Undergraduate Scholars Program (if Narrative Section D completed).
- Complete the budget form on the [JCATI funding page](#). Include a budget justification briefly describing charges under each heading. The budget form must be signed by both the PI and departmental grants staff.
- JCATI award funds are not subject to Facilities and Administrative costs (indirects/overhead).
- Each project has only one PI and one budget number/worktag. Student and postdoc FTE cannot be split between JCATI funded projects.
- JCATI projects do not allow carry forward. Budget deficits must be resolved by the project period end. All unspent award funds must be returned to the state through the UW.

- A. Senior personnel:
 - Faculty can draw FTE from only one JCATI project. If a funded PI has FTE on a different JCATI funded project, the PI must choose which project to draw salary from.
 - Total tenure track faculty FTE is limited to 1.0-month summer salary. Research faculty may request up to 3 months' salary.
- B. Other Personnel:
 - UW graduate students listed on JCATI projects receive tuition waivers except for UW Mechanical Engineering Master's students taking PCE courses. PCE does not waive tuition for students on JCATI projects. If one of your UW ME students is in this program, you must budget for their tuition.
 - WSU faculty including graduate students in their JCATI proposals must request and receive tuition waivers with an approved commitment from the Graduate School prior to routing the proposal for submission.
- C. Fringe Benefits
 - Use the appropriate benefits load rates for project personnel.
- D. Equipment:
 - Include quotes for any equipment over \$5000 and a budget justification description on why the equipment is needed.
 - JCATI funds cannot be used for foreign transactions.
 - All project purchasing must follow institutional procurement rules.
- E. Travel:
 - JCATI funds are limited to US travel. Foreign travel is not allowed.
 - Funds are meant for travel to industry partner facilities (meetings, onsite testing, etc.)
 - The 2027 symposium will be in Seattle (date TBD). The PI should include \$750 for their own symposium travel and lodging. JCATI pays for student symposium travel/lodging costs.
- F. Other Direct Costs
 - Include costs for materials, supplies, fabrication and other project services.

- G. USP Funds (optional)
 - If you completed optional Section D, you may request up to \$5000 additional funds. If the project is funded, work with your grant manager on undergraduate hiring details.

VIII. **NEW** Intellectual Property Documentation

New for FY2027: To add clarity for management of intellectual property (IP) arising from JCATI projects, this year we require both the academic and industry partner(s) to review and accept the JCATI project IP terms as a condition of proposal submission. Please read the JCATI Intellectual Property Terms document and attached JCATI Collaborative Research Agreement (under Forms and Downloads on the JCATI Funding page) carefully. A full JCATI Collaborative Research Agreement, signed by authorized university and industry collaborator representatives, may only be completed if the project is selected for funding.

- After reviewing the intellectual property terms and research agreement, **both** the academic and industry partner sign on Page 7. A full agreement will be signed only if the project is selected for funding.
- Include the entire document (Property Terms and Research Agreement) in the application PDF after the Budget Justification.
- Applications missing the signed intellectual property documentation will not be considered for funding.
- If you have any questions regarding JCATI IP, please contact your university IP office.

Proposal submission

Upload your application PDF using the large “Submit Applications Here” button found on the [JCATI funding page](#). Submissions are time stamped upon receipt and late proposals will not be reviewed. The JCATI website creates an automated email acknowledging proposal submission. The Program Manager additionally verifies application receipt.

Proposal Review Process

- JCATI proposal reviewers are subject matter experts who sign confidentiality agreements to ensure proprietary proposal information is undisclosed.
- The JCATI Board of Directors discuss reviewer scores and comments as a part of their final project selection process.
- Proprietary information is kept confidential. When award selections are announced and JCATI funds committed, project name and PI are listed on the JCATI website. Further project information is not made public unless authorized.

Award Terms and Conditions

- Award decision appeals are not allowed. No award is final until a grant agreement has been executed. The applicant's academic institution is legally responsible for authorizing and submitting proposals, administering the grant, and disbursing JCATI funding.
- The JCATI project IP agreement must be fully executed by both academic and industry partners before funds release.
- JCATI funded awards are subject to the same regulatory requirements as other sponsored programs. PIs should work with their academic institutions to ensure compliance with applicable requirements, including those related to conflicts of interest and disclosures, data privacy and security, environmental health and safety, export controls, and facility use.
- If the project award differs from the requested amount, the JCATI Program Manager will request a revised budget and project scope. Effort reduction greater than 25% needs JCATI Program Manager approval.
- The PI is responsible for leading the proposed work, managing the budget, attending the symposium along with their students and reporting progress. The industry partner is responsible for delivering in-kind support, collaborating with the PI, and transitioning the technology back into the company.
- PI must get approval from JCATI Program Manager to spend their award funds other than as outlined in their budget/budget justification.
- JCATI funds cannot be transferred outside WA or to a private WA institution if the PI changes academic institutions.
- JCATI requires a final report with information on technology transition progress, student involvement, and industry partner's delivered in-kind contribution. Report data is used for mandatory reporting to the WA legislature. Failure to deliver support or provide required information may affect future funding. JCATI continues to follow up with the PI for updates tied to legislative reporting.
- PIs should work with their fiscal team to spend all award funds. Any unspent research funds are returned to the state via UW. Returning funds signals to the legislature JCATI is not optimizing current resources which could impact our future funding allocations.
- Recipient organizations, principal investigators, and industry partners are expected to reasonably assist JCATI in communicating funded work and its impact on the WA aerospace industry. As program funding depends on continued WA legislative support, it is vital to update state officials on JCATI's importance to the WA aerospace industry.