***AI-enhanced Assistive Technology in Teaching & Learning Grant Proposal Template***

*Instructions*

* *Use this template to write your proposal. Please adhere to stated page limits, and do not delete any section headings.*
* *Do not change any of the document settings, such as font size (use Helvetica 12 pt) or margins (use 1 inch on all sides).*
* *Guidance for each required proposal section is presented in italic text. Before submission, delete all text in italics (including these instructions).*
* *If you cite references, choose a format appropriate for your discipline (APA, MLA, IEEE, etc.).*
* *Required proposal elements:*
  + *This document, completed by the PI team, within the guidelines stated here and within the program parameters detailed in the call for proposals.*
  + *A brief (2-page maximum) CV for each project team member.*
  + *A statement of support from the PI’s department head or dean (as appropriate); a brief email is sufficient.*
* *These required proposal elements should be combined into a single PDF file and submitted to the Innovation Hub via the online portal before the stated deadline.*

*(delete everything above this line before submission)*

**Innovation Hub Funding Program: AI-enhanced Assistive Technology in T&L**

**Project Title**:

**PI Team and Affiliations**: *(list the names, email addresses, role (e.g., associate professor, academic advisor, or undergraduate student), and home department, program, or college for each person on the PI team)*

**Requested Budget**:

**Abstract (200 words)**:

**Confirmation of consultation**

This project may benefit from a partnership with one or more of these entities, and by checking below the PI certifies that they have discussed this project with the appropriate entities. (check all that apply)

Center for Instructional Excellence

Purdue Libraries

Purdue Online/Instructional Technology Group

Envision Center

Experiential Education

Registrar/Enrollment Management

IDA+A

Student Life (ex.: living-learning community)

Disability Resource Center

Another group not listed here (please specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

**Motivation: How can AI-enhanced tools support students with disabilities?**

***(1 page maximum)***

*This section should clearly describe the primary impetus for the project. Why is this an important project to pursue? Who will benefit from this project’s completion? Proposers should reflect on these questions:*

* *From whose perspective does this project explore the opportunities and limitations of AI-enhanced assistance technologies (ex.: focusing on piloting new captioning tools to support deaf and hard of hearing students)? Why did the project team choose this perspective as its focus? In what ways does this project address gaps in current resources and/or unmet needs of students with disabilities?*
* *What is the T&L context for this project, and what are the proposed tools and corresponding pedagogical approaches? Example T&L contexts could include: (1) a laboratory course in which students perform experiments and write lab reports; or (2) a composition class in which students write original essays; or (3) a capstone course in which students perform original research [such as a literature review or patent search], then submit a capstone report.*
* *What are the key open questions about deploying this particular assistive technology? Why is it important? What evidence from current scholarship or consultations with subject matter experts has informed your open questions? What alternative tools (if any) exist to meet this need?*

**Detailed Project Description *(2 page maximum)***

*Clearly describe the specific activities you will undertake in this project. Proposers should reflect on these questions:*

* *What expertise is required to execute this project? Does the PI team already possess such expertise? Will new partnerships be required in order to access the relevant expertise? If so, have you begun to build those partnerships?*
* *How do you plan to evaluate the success of the project? What metrics will you use to determine the extent to which the project is meeting its goals?*
* *What is the anticipated timeline for completion of these activities? Proposers should include a timeline, Gantt chart, or similar visual project plan.*

**Equity, Ethics, and Trustworthiness Considerations *(1 page maximum)***

*Proposers should proactively develop a plan for the potential equity, ethics, and trustworthiness considerations of their project. Proposers should reflect on these questions:*

* *What potential risks does this project present for students, and what mitigation strategies will you utilize to prevent negative impacts for student learning?*
* *What are the key ethical considerations for using AI-enhanced assistive technology in your T&L context? In what ways might student privacy be affected by this project?*
* *In what ways, and to what extent, can you demonstrate that the tools in this project are fair, transparent, and trustworthy from the perspective of your stakeholders?*
* *How will you determine who will have access to these tools and the parameters for usage? Will all students have access to support universal design? If it will be specific student populations, how will you approach connecting them with the resources?*
* *What steps have you taken thus far to evaluate the proposed assistive technology tool or set of tools for accessibility and security features?*

**Expected Budget and Brief Justification *(2/3 page maximum)***

*Proposers should ask for the funds they need to enable project success, subject to stated funding limits and allowable expenses. Proposers should reflect on these questions:*

* *Is the scope of the activity aligned with the budget request, for personnel, consumables, and other expenses?*
* *Does your personnel plan include reasonable and equitable payment for the participants in the project? Are you asking anyone for ‘favors’? Are you paying people for their labor?*
* *What is the anticipated cost to acquire and license the tools, software or technology, including pricing structure for various types and lengths of plans?*
* *Have you requested funds for any items in the ‘ineligible expense’ category? (Please do not do this.)*

*Budgets should be presented as a brief table with expenses broken into very broad categories (personnel, supplies, etc.). At the time of proposal, these budgets can be reasonably accurate estimates of expenses. Budget justification should explain expenses in each category in narrative form.*

**Funding Timeline**

Please indicate the periods when you plan to utilize funding to support your project goals (check all that apply)

Summer 2024 (June 15 – August 15)

Autumn 2024

Spring 2025

Summer 2025 (May – August)

**References *(no page limit)***

*This section should list any references cited in the proposal.*