

ARPA-E STUDENT P.I.T.C.H.E.S.*

**Proposing Ideas for Technologies that Can Harness Energy Sustainably (P.I.T.C.H.E.S.)*

Do you have an interesting or potentially *disruptive* energy technology idea? Do you find yourself often drawing schematics and brainstorming ways that a process can be done *better*? Do you wish you had the opportunity to *share* these ideas to a broader audience or even to *flex* your pitching skills? Have you watched the ARPA-E Fast Pitches from previous Summits and felt *inspired*? Good news! ARPA-E wants to hear from *you* as we introduce the first-ever student Proposing Ideas for Technologies that Can Harness Energy Sustainably (PITCHES) session at the 2022 ARPA-E Energy Innovation Summit!

Accepted student attendees who will attend the Summit in person are invited to submit their ideas to be considered in the ARPA-E Student PITCHES session. Students who are selected to present will prepare a short, 5-minute technical overview of their idea and present it to an audience of their student peers and a panel of industry representatives who will ask questions about their pitch ideas and provide feedback. This is intended to give students an opportunity to showcase themselves and their ingenious ideas in a semi-formal setting and in front of like-minded peers and industry representatives.

Students interested in participating in the Student PITCHES session are invited to submit a written proposal for an idea by **Sunday, February 6, 2022, at 11:59 PM EDT and in** the format detailed below. A link to submit the pitch proposal will be provided in the Summit acceptance notification. The submitted ideas will undergo a review process and the students whose ideas are selected will be invited to prepare a 5-minute pitch. Ideas will be evaluated based on communication style, novelty, technical depth, and potential impact. Pitch selection notifications will be sent no later than **Monday, February 14, 2022**. In preparation for the Student PITCHES session, students are encouraged to attend a webinar planned for **Thursday, February 17, 2022, at 5:00 PM EDT** with current ARPA-E Fellows on best practices for how to structure a pitch and will also work with an ARPA-E Fellow coach to practice the pitch leading up to the Summit. The Student PITCHES session will be on **Tuesday, March 15, 2022**. We look forward to hearing your ideas!

PITCH PROPOSAL FORMAT

PDF document in the "Quad Chart format" (See Below)



Title of Pitch
Student Name

Abstract (250 words)

Give a descriptive overview about what the innovation is, what problem it is addressing, and what the potential impact is.

Summary Graphic

Illustrative graphic that helps the audience envision the technical solution.

Technical Approach

Summarize the problem space, what is done today, and where the technological opportunity is. Describe the proposed technology and how it will address the problem space. Indicate how this will advance the field or how it will improve upon the state-of-the-art. The discussion should be detailed enough for a general audience with a broad technical background to understand.

Potential Impact

Highlight what the potential impact will be if the proposed solution is successful. Be quantitative whenever possible. Talk about potential tons of greenhouse gas emissions saved, MW of energy produced, gallons of water saved, etc... Consider how you might answer the ARPA-E question "*If it works, will it matter?*" Independent assessments are encouraged.

IN-PERSON PITCH FORMAT

- 5-minute pitch in length
- 1 slide which will also include
 - o Title of the pitch
 - o Name of the speaker
 - o Graphical abstract summarizing the proposed solution