



West Virginia University®

INSTITUTE OF TECHNOLOGY

Affinity groups: S-STEM Planning



The First2 Network is supported by the U.S. National Science Foundation under Award Numbers: HRD-1834586, WV Higher Education Policy Commission; HRD-1834601, Green Bank Observatory; HRD-1834575, Fairmont State University; HRD-1834595, High Rocks Educational Corporation; HRD-1834569, West Virginia University.

Outline

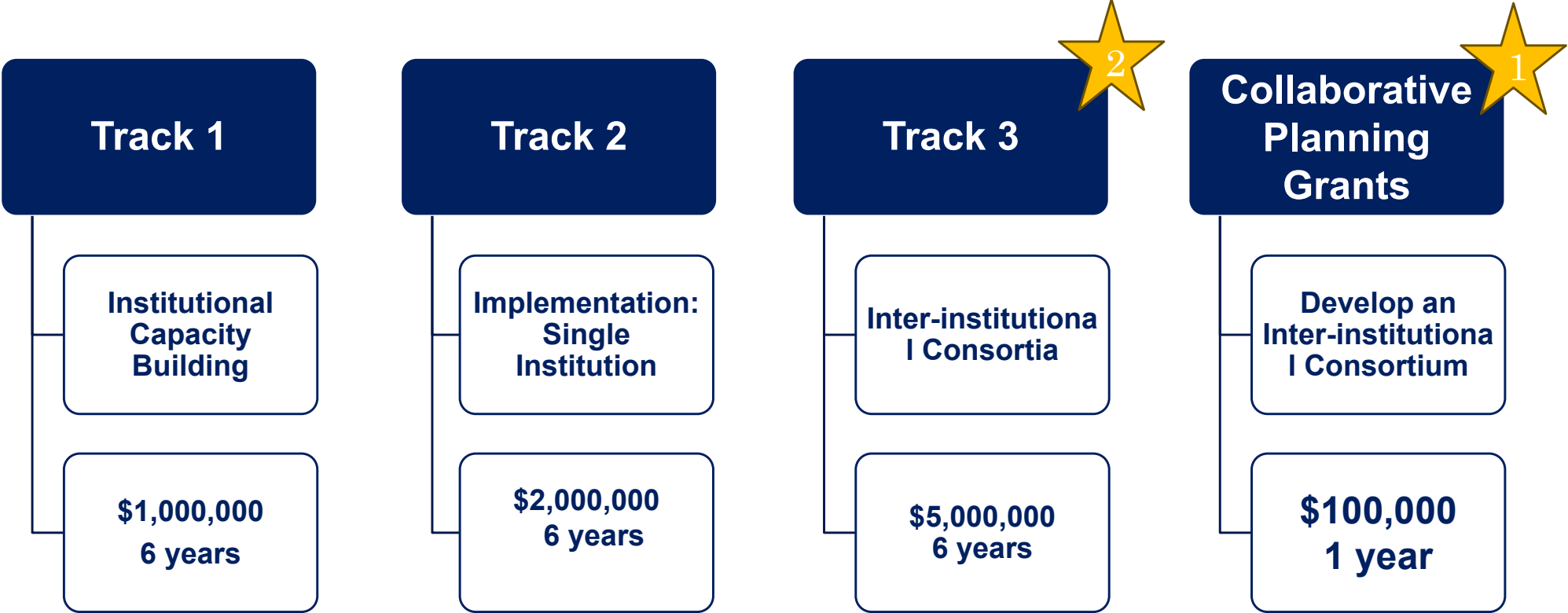
- NSF S-STEM brief introduction
- Current Award Logic model
- November 23rd in-person meeting
- Discussion

S-STEM: Scholarships in STEM (as defined by NSF)

- Addresses the need for a high-quality STEM workforce in STEM disciplines
- Provides financial aid to **low-income academically talented** students with **demonstrated financial need** who are pursuing **associate, baccalaureate, or graduate** degrees in science, technology, engineering, and mathematics (**STEM**).
- Provide some funds to advance the adaptation, implementation, and study of evidence-based curricular and co-curricular activities that promote recruitment, retention, and graduation.
 - 60% must be allocated for scholarships.
 - **40% can be used to support program and co-curriculum.**



S-STEM: Tracks



New NSF Award!

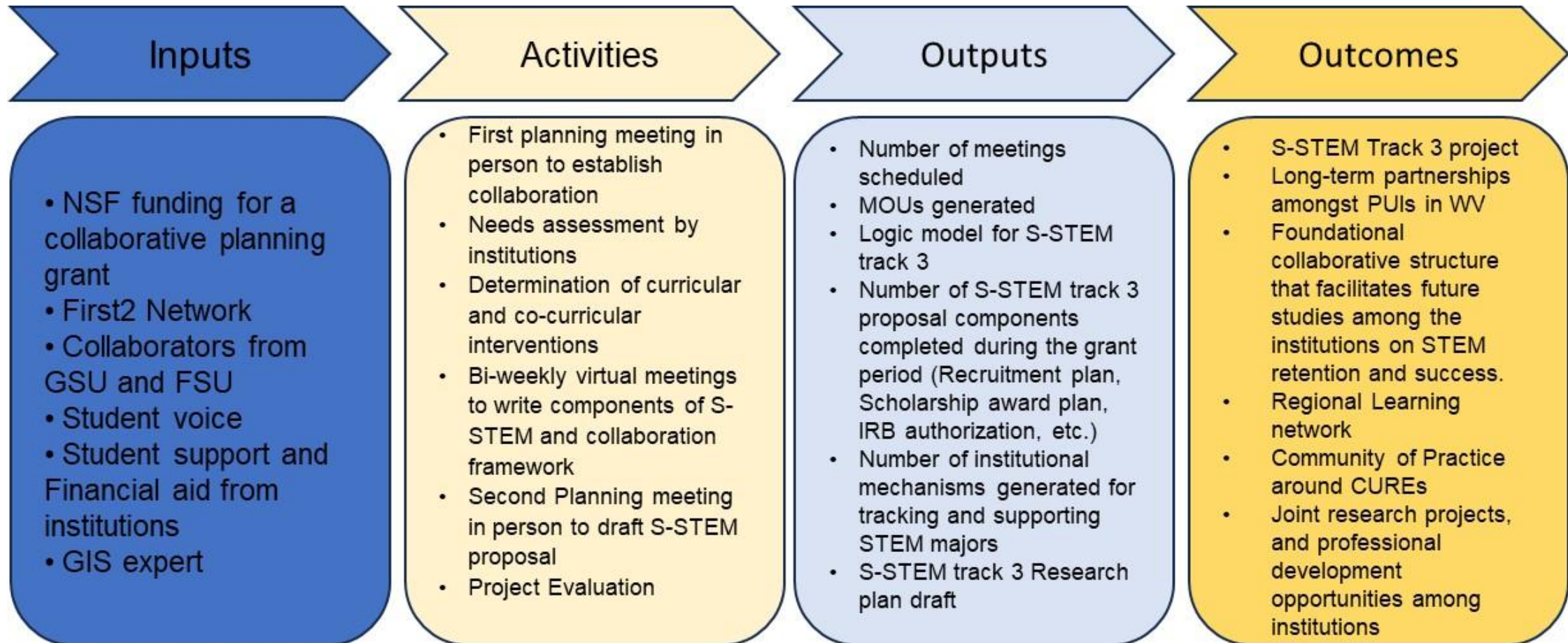
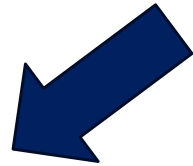
Building an Inter-institutional Collaboration for STEM Achievement among Small Universities in Appalachia.



- **WVU Tech**
 - Aida Jimenez PI
- **Fairmont State University**
 - Robert Niichel Co-PI
- **Glenville State University**
 - Sara Sawyer, Co-PI
- **First2 Network**
 - Sarah Riley Co-PI
 - Sue Heatherly-Consultant
- **First2 Network Assistant Directors**

Logic model

Needs assessment at
each institution



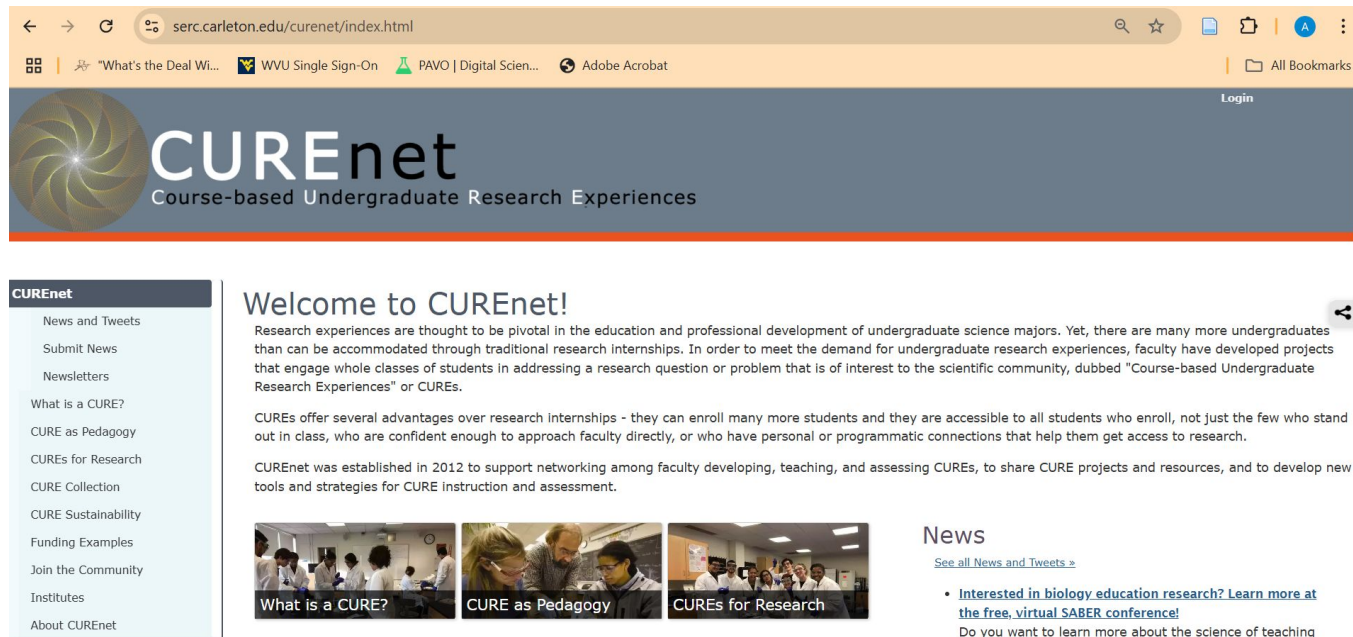
Co-curriculum and Cohort building suggestions so far...

- First2 Network leadership development
- CURE courses in GIS and environmental sciences
- Integrative projects that bridge classroom knowledge with real-world applications across campuses



... would love to hear your input...

Course-based undergraduate research experience (CURE)

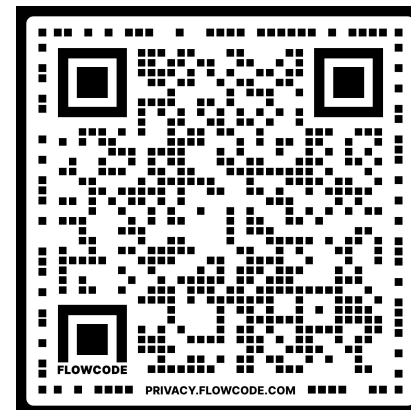


The screenshot shows the CUREnet website homepage. The browser address bar displays "serc.carleton.edu/curennet/index.html". The page features a navigation menu on the left with items like "News and Tweets", "Submit News", and "Newsletters". The main content area includes a "Welcome to CUREnet!" section with introductory text about CUREs, a "News" section with a link to "See all News and Tweets", and three image-based links: "What is a CURE?", "CURE as Pedagogy", and "CUREs for Research".

- Make discoveries that are of interest to stakeholders outside the classroom
- Iterative
- Research is communicated to stakeholders.
- Research progresses as students work.
- Students engage in a range of science practices.
- Work must build off and have the potential to contribute to a larger body of knowledge in the discipline.

Plans: submit a Track 3 proposal in March of 2025!

- **Save the date!**
- Our first face-to-face planning meeting will be on **November 23** at Flatwoods (Sutton, WV).
- We can support your travel.
- It will be an all-day meeting.
- If you are interested in learning more, please fill out this interest form:



Potential Agenda for meeting:

- Establish common goals.
- Share what has worked and has not in current S-STEM Track 1 awards
- Bring together answers from each institution regarding
 - What are the roadblocks that STEM students face in succeeding in college?
 - What do we need to find out from students to build a good proposal?
 - Strengths and needs for supporting STEM at each institution.
- Ideas to build cohort mentality among three institutions separated geographically.
- And much more... stay tuned for more information.

https://docs.google.com/document/d/1wZdosAzKiD6FBWUy1-26NjXiu4NCssR2Y_uQBp7cI3k/edit?usp=sharing

Questions

