Thanks for filling out [EDA Regional Impact Survey Instrument - Alliance Component Project Survey](#)

Here's what was received.

Edit response

EDA Regional Impact Survey Instrument - Alliance Component Project Survey

Dear Build Back Better Regional Challenge (BBBRC) Component Project Team:

We appreciate you taking time to complete this quarterly survey, which will be rolled up at the Coalition-level and submitted to the EDA by the Alliance Team.

Please note, this survey will replace EDA's traditional GPRA reporting (EDA forms ED-915, ED-916, ED-917, ED-918).

The project-specific survey that follows below includes all questions asked in the coalition-level survey provided by Purdue, meaning some sections may not currently apply to your project's progress yet or at all. These answers should only apply to EDA BBBRC-funded work. Data collected will include both hard figures, and open-ended responses regarding project progress and needs.

The thematic areas for Methodology in this survey are:

1. Accelerate innovation in emerging technologies
2. Help workers access new job opportunities and job training
3. Increase new business growth and entrepreneurial activity
4. Build critical enabling infrastructure
5. Help businesses adopt new technologies and enter new markets
6. Sustain regional governance

When responding to these questions please keep in mind **only your BBBRC region, all work from your project funded via the BBBRC program, and direct impacts from the project's work over the past quarter.**

Your progress will be saved automatically as you work through the survey until you submit.

Please see this folder for resources including a glossary of terms, PDF of the survey instrument and more.

Email *

nalewinski@vcu.edu

Full Name *

Nastassja Lewinski

Component Project Name *

VCU/VSU Joint Degree and Research Program

Project Progress

When responding to these questions please keep in mind **only your BBBRC region, all work from your project funded via the BBBRC program, and direct impacts from the project's work over the past quarter.**

Regarding your project's implementation/progress **over the past quarter**: How much PUBLIC investment from **federal governments** was secured (roundup dollars, no decimals, no commas, no symbols)? If none, use 0. *

Please note that PRIVATE investment, if any, is asked for under the increasing new business growth and entrepreneurial activity section.

Please enter only the number without any special characters, e.g. 1000 instead of $1,000.

0

Regarding your project's implementation/progress over the past quarter: How much PUBLIC investment from **state governments** was secured (roundup dollars, no decimals, no commas, no symbols)? If none, use 0. *

Please enter only the number without any special characters, e.g. 1000 instead of $1,000.

0

Regarding your project's implementation/progress over the past quarter: How much PUBLIC investment from **regional governments** was secured (roundup dollars, no decimals, no commas, no symbols)? If none, use 0. *

Please enter only the number without any special characters, e.g. 1000 instead of $1,000.

0

Regarding your project's implementation/progress over the past quarter: How much PUBLIC investment from **local governments** was secured (roundup dollars, no decimals, no commas, no symbols)? If none, use 0. *

Please enter only the number without any special characters, e.g. 1000 instead of $1,000.

0

Regarding your project's implementation/progress over the past quarter: How much PUBLIC investment from **philanthropy** was secured (roundup dollars, no decimals, no commas, no symbols)? If none, use 0. *

Please enter only the number without any special characters, e.g. 1000 instead of $1,000.

0

Regarding your project's implementation/progress over the past quarter: How much PUBLIC investment from **other sources** was secured (roundup dollars, no decimals, no commas, no symbols)? If none, use 0. *

Please enter only the number without any special characters, e.g. 1000 instead of $1,000.

0

How many jobs were retained? Job should be considered retained if they would have been lost if not for this EDA investment. If none, use 0. *

Please note jobs created is asked for under the increasing new business growth and entrepreneurial activity section.

0

How many new square feet of commercial lab space were opened this past quarter? If none, use 0. *

0

How many new AMPT students were enrolled this past quarter? If none, use 0. *

0

How many new leads were in the cluster to recruit this past quarter? If none, use 0. *

0
....

How many media stories highlighted the regional cluster this past quarter? if none, use 0. *

1
....

How many new thought leadership events were there this past quarter? If none, use 0. *

1
....

How many laboratory space developer marketing events were there this past quarter? If none, use 0. *

0
....

How many non-state (federal, philanthropic, industry, etc.) strategic and complimentary opportunities were pursued this past quarter? If none, use 0. *

0
....

Has your project had any accomplishments this past quarter? If so, please share details.

Yes. The first cohort of BBBRC graduate fellows started receiving their award and received training in outreach and public speaking in preparation for planned Lunch and Learn events where they will share their research with students at VSU campus. We planned and hosted an inaugural Pharmaceutical Manufacturing Day event on September 8, 2023 with over 80 registered attendees. The two part event showcased the cutting edge pharmaceutical engineering research being conducted by VCU faculty in the morning followed by a mini Ideas Lab and a student poster session in the afternoon. VSU hired a Project Director. The VSU Chemistry and VCU Chemical and Life Science Engineering dual degree program is approved by the Provosts at VSU and VCU, and the program has been submitted to SCHEV for state approval. The VSU Manufacturing

Engineering and VCU Chemical and Life Science Engineering dual degree program is being finalized. Quotes for two instruments have been submitted and await delivery: (1) Gas Chromatograph /Mass Spectrometer (GC-MS): For separation, analysis and identification of heat insensitive chemical compounds; (2) Liquid Chromatograph and Mass spectrometer (LC-MS): for separation, analysis, and identification of temperature sensitive compounds like pharmaceuticals and biological molecules. Recruitment documents for postdoctoral fellows and teaching faculty have been developed and one position has been filled. There have been informational sessions at VSU, so faculty and students are aware of the newly proposed dual degree programs and some of the students have expressed interests. The VCU VSU team is in the process of developing a curriculum for a Certificate in Pharmaceutical Manufacturing.

Has your project encountered any barriers/challenges this past quarter? If so, please share details.

We learned that the target audience for Pharmaceutical Manufacturing Day needs to be clearer to ensure broader participation by stakeholders external to VCU and VSU. We are encountering a supply chain issue on the two lab instruments. It has taken time for the HR at VSU to finalize and issue the contract for the Project Director for the program. The Project Director will accelerate the implementation of the project, recruitment, and planning for the summer activities.

Has your project needed any additional resources, assistance, or information this past quarter? If so, please share details.

As we create the curriculum for the postbaccelaureate Certificate in Pharmaceutical Manufacturing, we will be seeking input from Alliance members to align the educational outcomes with the needs of the pharmaceutical industry.

Does your project have a success story or anecdote you would like to share with us regarding your BBBRC work this past quarter?

Our first cohort of BBBRC REU students completed their ten week research experience. In addition to presenting research posters during the Summer 2023 REU symposium, two out of the four students are continuing their research this fall semester.

Does your project have anything else to add regarding your BBBRC work this past quarter?

We look forward to continuing to engage with the Alliance's Workforce Committee.

...[2023-10-11 10:11:10 AM]

Does your project have any activities and/or metrics to report regarding **accelerating innovation in emerging technologies** (e.g., description of activities/work completed, patents filed, and amount of research & development dollars invested) this past quarter?
*

If you are not sure please answer "yes" to see the questions asked for this section, else answer "no" if you are certain you do not have anything relevant to report.

(●) Yes

( ) No

Thematic Area 1 of 6: Accelerating Innovation in Emerging Technologies

This section will ask about accelerating innovation in emerging technologies (e.g., description of activities/work completed, patents filed, and amount of research & development dollars invested).

When responding to these questions please keep in mind **only your BBBRC region, all work from your project funded via the BBBRC program, and direct impacts from the project's work over the past quarter.**

Please note that BIPOC refers to Black, Indigenous, and People of Color individuals and communities. Rural areas refer to or can include those that are outside urban areas. To qualify as an urban area, the territory identified must encompass at least 2,000 housing units or a population of at least 5,000. Lists of areas that meet Census's new definition of "urban" can be found here.

Describe any activities/work completed toward accelerating innovation in emerging technologies this past quarter by your project. Please specify organizations involved.

We ran a mini Ideas Lab during our Pharmaceutical Manufacturing Day event on September 8, 2023. The ideas lab engaged participants in a creative thinking exercise to generate research ideas to be pursued by interdisciplinary teams formed during the event. Three teams formed pitching ideas on novel drug delivery, modular API manufacturing, and education research. Based on participant votes the project titled "Manufacturing Collaborations with Industry and Academia: K-12 Focus" won the $1000 prize to support development of a research proposal on their idea. Team members included representatives from Reynolds Community College, Brightpoint Community College, USP, CCAM, VSU and VCU.

During this past quarter, how many invention disclosures, patents, licensing deals or other commercialization activities were filed? If none, use 0. *

0

Of these, how many involved inventors who were BIPOC? If none, use 0. *

0

Of these, how many involved inventors who were women? If none, use 0. *

0

Of these, how many involved inventors who were veterans? If none, use 0 *

0

Of these, how many involved inventors who lived in rural areas? If none, use 0. *

0

During this past quarter, how many dollars were spent in research & development (roundup dollars, no decimals, no commas, no symbols) by organizations (such as businesses, public/private universities, etc.) directly related to the BBBRC efforts? If none, use 0. *

0

Of these dollars, how many were spent by BIPOC owned businesses/organizations (roundup dollars, no decimals, no commas, no symbols). If none, use 0. *

0

Of these dollars, how many were spent by women owned businesses/organizations (roundup dollars, no decimals, no commas, no symbols). If none, use 0. *

0

Of these dollars, how many were spent by veteran owned businesses/organizations (roundup dollars, no decimals, no commas, no symbols). If none, use 0. *

0

Of these dollars, how many were spent by businesses/organizations located in rural areas (roundup dollars, no decimals, no commas, no symbols). If none, use 0. *

0

Can you share with us some outcomes that were a direct result of these innovations? If none for now, you can leave blank.

The winning ideas lab team is expected to submit a research proposal by September 2024.

Does your project have any activities and/or metrics to report regarding **helping workers
access new job opportunities and training** (e.g., description of activities/work completed, number of programs/trainings developed/implemented, number of workers/residents gaining/upgrading skills, and number of workers placed in new jobs) this past quarter?

Note that workers are inclusive of laborers currently employed, not employed but actively searching, and discouraged workers who are not actively searching and out of the labor force for various reasons.
 *

If you are not sure please answer "yes" to see the questions asked for this section, else answer "no" if you are certain you do not have anything relevant to report.

- ◉ Yes
- ○ No

Thematic Area 2 of 6: Help workers access new job opportunities and training

This section will ask about **helping workers access new job opportunities and training** (e.g., description of activities/work completed, number of programs/trainings developed/implemented, number of workers/residents gaining/upgrading skills, and number of workers placed in new jobs). Note that workers are inclusive of laborers currently employed, not employed but actively searching, and discouraged workers who are not actively searching and out of the labor force for various reasons.

When responding to these questions please keep in mind **only your BBBRC region, all work from your project funded via the BBBRC program, and direct impacts from the project's work over the past quarter.**

Describe any activities/work completed toward helping workers access new job opportunities and training this past quarter by your project. Please specify organizations involved.

How many programs/trainings/curricula were expanded/developed/launched/funded regarding job training/workforce development directly related to the BBBRC efforts this past quarter? If none, use 0. *

1

How many residents/workers gained/upgraded skills this past quarter? Please include only those that have completed these trainings. If none, use 0. *

4

Of these residents/workers, how many were BIPOC? If none, use 0. *

1

Of these residents/workers, how many were women? If none, use 0. *

4

Of these residents/workers, how many were veterans? If none, use 0. *

0

Of these residents/workers, how many lived in rural areas? If none, use 0. *

0

How many residents/workers were placed in a job this past quarter? If none, use 0. *

0

Of these residents/workers, how many were BIPOC? If none, use 0. *

0

Of these residents/workers, how many were women? If none, use 0. *

0

Of these residents/workers, how many were veterans? If none, use 0. *

0

Of these residents/workers, how many lived in rural areas? If none, use 0. *

0

How many existing employees obtained a promotion this past quarter due to upskilling or any other activity directly related to the coalition? If none, use 0. *

0

Of these employees, how many were BIPOC? If none, use 0. *

0

Of these employees, how many were women? If none, use 0. *

0

Of these employees, how many were veterans? If none, use 0. *

0

Of these employees, how many lived in rural areas? If none, use 0. *

0

Does your project have any activities and/or metrics to report regarding **increasing new
business growth and entrepreneurial activity** (e.g., description of activities/work completed, prototypes, licensing deals, number of businesses formed, amount of

venture capital funds secured, amount of angel investment funds secured, amount of other private investment secured, number of new jobs created, and number of employees obtaining a promotion) this past quarter?

*

If you are not sure please answer "yes" to see the questions asked for this section, else answer "no" if you are certain you do not have anything relevant to report.

○ Yes

◉ No

Thematic Area 4 of 6: Building critical enabling infrastructure

This section will ask about **building, using, or enabling critical infrastructure** (e.g., description of activities/work completed, number of buildings/facilities built, number of building/facilities renovated/upgraded, number of business/industrial parks built/upgraded, etc.).

When responding to these questions please keep in mind **only your BBBRC region, all work from your project funded via the BBBRC program, and direct impacts from the project's work over the past quarter.**

Describe any activities/work completed towards building or enabling critical infrastructure this past quarter by your project. Please specify organizations involved. Make sure to include the approximate value of related purchased equipment.

Quotes for two instruments to be installed at VSU have been submitted and await delivery: (1) Gas Chromatograph / Mass Spectrometer (GC-MS): For separation, analysis and identification of heat insensitive chemical compounds; (2) Liquid Chromatograph and Mass spectrometer (LC-MS): for separation, analysis, and identification of temperature sensitive compounds like pharmaceuticals and biological molecules.

During this past quarter, how many buildings/facilities were built? If none, use 0. *

0

How many jobs were created during the construction of these facilities? *

0

Please describe how these buildings/facilities are being used.

Not applicable

During this past quarter, how many buildings/facilities were renovated/upgraded? If none, use 0. *

0

How many jobs were created during the renovation/upgrade of these facilities?

Not applicable

Please describe how these buildings/facilities are being used.

Not applicable

How many business/industrial parks were built/upgraded this past quarter? If none, use 0. *

0

How many of these were in rural areas? If none, use 0. *

0

Does your project have any activities and/or metrics to report **helping businesses adopt new
technologies and enter new markets** (e.g., description of activities/work completed, number of businesses that expanded their market, number of new technologies

adopted by/transferred, number of businesses engaged in accelerators/testbeds, and number of businesses involved in and type of innovative activities) this past quarter? *

If you are not sure please answer "yes" to see the questions asked for this section, else answer "no" if you are certain you do not have anything relevant to report.

○ Yes

◉ No

Thematic Area 6 of 6: Sustain regional governance

This section will ask about sustaining regional governance about your coalition.

Would you agree or disagree with the following statements regarding the members of your

coalition this past quarter?

Please note that if for example MOU was put in place and reported previously, select NA.
*

	Stongly Agree	Agree	Disagree	Strongly Disagree	Neither/N.A.
Developed/implemented governance bylaws, MOUs, and/or other related documents	○	◉	○	○	○
Engaged in clear and reciprocal communication with ALL members	○	◉	○	○	○
Efficiently and effectively mobilized relevant assets	○	◉	○	○	○
Efficiently and effectively captured resident/stakeholder needs	○	○	○	○	◉
Had influence over decision-making	○	○	○	○	◉
Had ownership of specific assets	○	◉	○	○	○

Were representatives from the following involved (e.g., attending an event, presenting, serving on a board, etc.) in your BBBRC coalition over the past quarter (select all that apply)?

- ☑ Research universities
- ☐ Federal government
- ☐ State government
- ☐ Local/regional government
- ☐ Businesses
- ☐ Community-based nonprofits
- ☐ BIPOC groups/associations
- ☐ Rural groups/associations
- ☐ LGBTQ groups/associations
- ☐ Women-related groups/associations
- ☐ Veteran-related groups/associations
- ☑ Professional/industry associations
- ☐ Other: ....

Over this past quarter, would you say your coalition has shrunk, stayed about the same, or
expanded regarding number of partners and stakeholders engaged with?

- ○ Shrunk
- ● Stayed about the same
- ○ Expanded

Over this past quarter, would you say the majority of coalition members and stakeholders
mostly communicated, coordinated, or collaborated on each of the following BBBRC themes
(select all that apply):

	Communicated	Coordinated	Collaborated	NA
Accelerated innovation in emerging technologies	☑	☐	☐	☐
Help workers access new job opportunities and job training	☑	☐	☐	☐
Increase new business growth and entrepreneurial activity	☐	☐	☐	☑
Build critical enabling infrastructure	☑	☐	☐	☐
Help businesses adopt new technologies and enter new markets	☐	☐	☐	☑
Sustain regional governance	☑	☐	☐	☐

Over this past quarter, would you agree or disagree on the following statements concerning
coalition members and stakeholders:
*

	Stongly Agree	Agree	Disagree	Strongly Disagree	Neither/ N.A.
Communication was frequent	○	○	◉	○	○
Trust each other	◉	○	○	○	○
Teamwork is strong	○	◉	○	○	○
Members are pulling their own weight	○	◉	○	○	○
Organizational capacity is adequate across all members	○	○	◉	○	○

Are there any other statements you would agree or disagree with concerning coalition members and stakeholders?

....

Would you agree or disagree with the following statements regarding the BBBRC Community of Practice (CoP) you are part of?
*

	Stongly Agree	Agree	Disagree	Strongly Disagree	Neither/ N.A.
CoP staff are responsive to our needs	○	○	○	○	◉
Have benefitted from the services provided by the CoP	○	○	○	○	◉
Have made new connections that I wouldn't have made without the CoP	○	◉	○	○	○
Have values ideas/help/advice from CoP participants that I wouldn't have received otherwise	○	◉	○	○	○
Have contributed ideas/content to the CoP to support shared learning	○	◉	○	○	○

Are there any other statements you would agree or disagree with regarding the BBBRC Community of Practice (CoP) you are part of?

....

Do you have any feedback regarding this survey you would like to share with us? Are we
missing anything?

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