

Adding Project/Program Results in the NIFA Reporting System (NRS)

Go to: <https://nifa.usda.gov/tool/pow-nifa-reporting-system>

Press the Launch button.

The screenshot shows the NIFA Reporting System website. At the top, there is a navigation bar with links for ABOUT, DATA GATEWAY, BUDGET & LEGISLATION, CONTACT, and LANGUAGE. Below this is a secondary navigation bar with links for TOPICS, PROGRAMS, GRANTS, TOOLS, NEWSROOM, IMPACTS, and RESOURCES. The main content area features a large image of various tools (scissors, pliers, wrenches, etc.) and a sidebar on the left with a menu of options: TOOLS, ASAP, PRS, REEPORT, POW-NIFA Reporting System (highlighted), Integrated Reporting System FAQs, Plan of Work (POW) and REEport Integration: Webinar Series, and WEBINERS. The main text area contains the heading 'NIFA Reporting System' and a paragraph describing the system's purpose. A green 'LAUNCH' button is prominently displayed below the text. A red arrow points from the instruction 'Press the Launch button.' to this button.

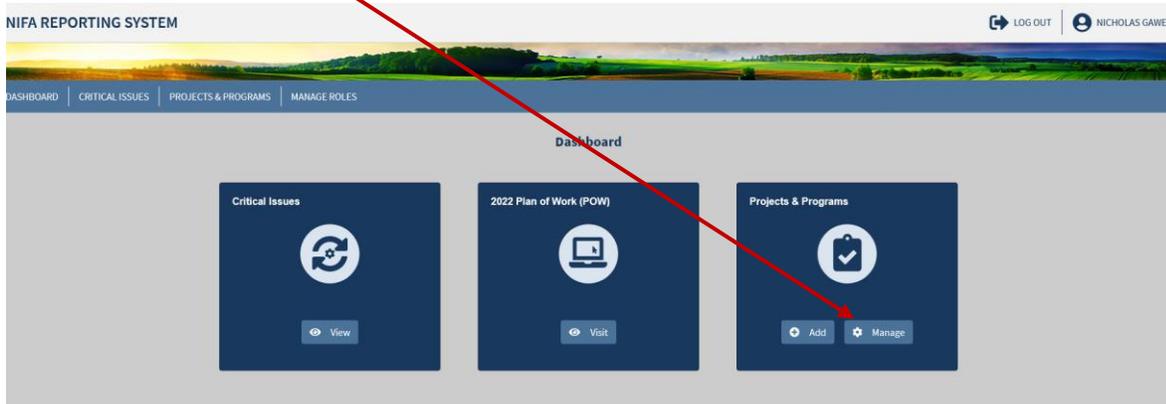
Enter your e-Authenticate username and password.

The screenshot shows the USDA eAuthentication login page. At the top, there is a navigation bar with links for HOME, CREATE ACCOUNT, MANAGE ACCOUNT, and HELP. The main content area features a large image of hay bales in a field and a login form. The form has two main sections: 'Log In with PIV/CAC' and 'Log In with Password'. The 'Log In with Password' section includes fields for User ID (with a 'Forgot User ID' link) and Password (with a 'Forgot Password' link and a 'Show Password' checkbox). Below the form are buttons for 'Create Account', 'Update Account', and 'Find Help'. A 'Warning' message is visible at the bottom of the page.

When you have entered your e-Authenticate information, the NRS home screen should appear.

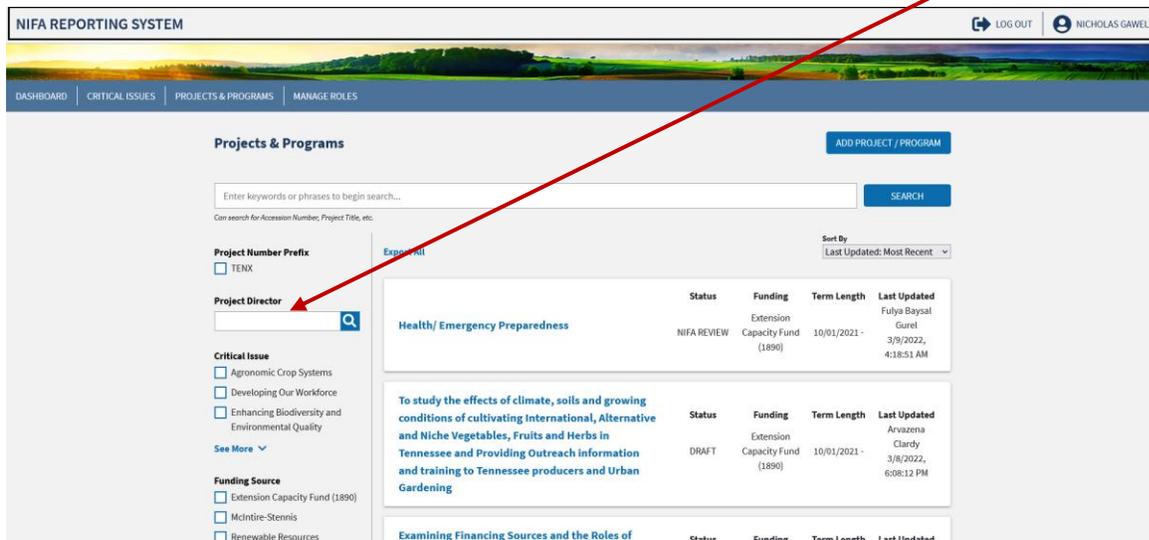
(Note: If you get a screen that says to contact your administrator to assign a role, completely close out your browser and re-login.)

Click on the Manage box in the Projects and Programs tile.



A dashboard with all the projects and programs in the college will appear.

You can scroll through all the projects to find yours, or enter your name in the Project Director search box and press enter.



In this case, Ali Taheri was entered in the Project Director box. His project now is in the center white tile.

Click on your project name to open the project.

NIFA REPORTING SYSTEM

DASHBOARD | CRITICAL ISSUES | PROJECTS & PROGRAMS | MANAGE ROLES

Projects & Programs

ADD PROJECT / PROGRAM

Enter keywords or phrases to begin search. SEARCH

Can search for Accession Number, Project Title, etc.

Project Number Prefix
 TENX

Project Director

Critical Issue
 Agronomic Crop Systems
 Developing Our Workforce
 Enhancing Biodiversity and Environmental Quality

See More

Funding Source
 Extension Capacity Fund (1890)
 McIntire-Stennis
 Renewable Resources
Extension Act (RREA)

Export All

Project Director: Ali Taheri

Project Name	Status	Funding	Term Length	Last Updated
Generating stable Cas9 over-expression lines for continuous genome editing and functional genomics research in soybean	APPROVED	Research Capacity Fund (Evans-Allen)	10/01/2021 - 09/30/2024	JOHN ERICKSON 9/13/2021, 4:54:04 PM

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When the project is open, all the project details are present.

To add results, click on the down arrow in the Results tile.

NIFA REPORTING SYSTEM

DASHBOARD | CRITICAL ISSUES | PROJECTS & PROGRAMS | MANAGE ROLES

Generating stable Cas9 over-expression lines for continuous genome editing and functional genomics research in soybean

Tennessee State University

Approved as of 09/13/2021

EDIT PRINT

Project Director: Ali Taheri

Performing Department: 1630 Agricultural and Environmental Sciences

Start Date: 10/01/2021

End Date: 09/30/2024

Funding Source: Research Capacity Fund (Evans-Allen)

Primary Critical Issue: Supporting Food, Fiber, and Energy Systems

Accession Number	7000916
DUNS/UIE	Not Provided
On-Project Number	TENX 2138-GFSHPP

Results

Amount	Fiscal Year(s)
0	N/A

Non-Technical Summary

Genetic manipulation and development of new transgenic plants rely on the insertion of DNA fragments into plant cells using either *Agrobacterium* transformation or particle

And then click on the Add Result button.

The screenshot displays the NIFA Reporting System interface. At the top, there is a navigation bar with the system name and a user profile for Nicholas Gawel. Below this is a menu with options like Dashboard, Critical Issues, Projects & Programs, and Manage Roles. The main content area shows project details including Start Date (10/01/2021), End Date (09/30/2024), Funding Source (Research Capacity Fund), and Primary Critical Issue (Supporting Food, Fiber, and Energy Systems). A 'Results' section is visible, currently empty, with an 'ADD RESULT' button at the bottom. A red arrow points from the text above to this button. Below the results section is a 'Non-Technical Summary' section with a paragraph of text.

NIFA REPORTING SYSTEM LOG OUT NICHOLAS GAWEL

DASHBOARD | CRITICAL ISSUES | PROJECTS & PROGRAMS | MANAGE ROLES

Start Date
10/01/2021

End Date
09/30/2024

Funding Source
Research Capacity Fund
(Evans-Allen)

Primary Critical Issue
Supporting Food, Fiber, and Energy Systems

DUNS/UEI
Not Provided

Org Project Number
TENX 2138-GFSHPP
Prefix Number

Results

0 Results Added

ADD RESULT

Non-Technical Summary

Genetic manipulation and development of new transgenic plants rely on the insertion of DNA fragments into plant cells using either *Agrobacterium* transformation or particle bombardment. Presence of multiple coding regions in these plasmid DNAs such as selectable markers, reporter genes, and necessary promoters for driving their expression, results in an increase in plasmid size, which drastically limits the efficiency of transformation success. The CRISPR-Cas9 genome editing tool relies on the expression of Cas9 and guide RNA that is specifically designed for each targeted gene. The Cas9 gene can be inserted and expressed into the plants independent of the gRNA, which helps in reducing the plasmid size and

(There is more, go to the next page in this document.)

The Result screens are now there to be filled in. They ask for:

A result title (you can just use the project/program title).

In 2-3 sentences, briefly describe the issue or problem that your project addresses.

Briefly describe in non-technical terms how your major activities helped you achieve, or make significant progress toward, the goals and objectives described in your non-technical summary.

Briefly describe how your target audience benefited from your project's activities.

Briefly describe how the broader public benefited from your project's activities.

Comments (optional)

The goal is to use plain English, simply worded, brief statements to supply the information.

The screenshot shows the 'Add Result' form in the NIFA Reporting System. The form is titled 'Add Result' and includes a 'Back to Project/Program' link. It contains several sections for data entry:

- Organization:** Tennessee State University
- To Project / Program:** "Generating stable Cx3b over-expression lines for continuous genome editing and functional genomics research in soybean"
- Primary Critical Issue:** Supporting Food, Fiber, and Energy Systems

There is a checkbox for 'Nothing Significant to Report' which is currently unchecked. Below this are fields for 'Title' (with a 0/175 character count) and 'Fiscal Year' (a dropdown menu). The form then features four rich text editors, each with a 0/8000 character count:

- Issue Description:** "In 2-3 sentences, briefly describe the issue or problem that your project addresses."
- Major Activities:** "Briefly describe in non-technical terms how your major activities helped you achieve, or make significant progress toward, the goals and objectives described in your non-technical summary."
- Target Audience:** "Briefly describe how the broader public benefited from your project's activities."
- Comments:** "Comments (optional) Describe and explain any major changes or problems encountered in approach. Additionally, note opportunities for training and professional development provided, how results have been disseminated to communities of interest, and any new details regarding what the project or program plans to do during the next reporting period to accomplish the goals."

At the bottom of the form is a blue button labeled 'SAVE AND CONTINUE'.

When finished press Save. The screen will appear again as if it not saved, scroll down to review and confirm your submission, if you are finished, press Save and Submit.