



Monarch Media, Inc.,  
Case Study

## LSMCE Digital Library

*Disseminating Information to a Nationwide  
Learning Community*

## Industry

Education and Government

## Challenge

The Louis Stokes Midwest Center of Excellence (LSMCE) serves as a resource and support entity to broaden the participation of underrepresented minority students at 28 institutions in Indiana, Illinois, Ohio, Michigan, Missouri and Wisconsin who have chosen academic majors in science, technology, engineering and mathematics (STEM) degree programs. They had over 30 years of best practices and results from partner organizations, but information was scattered and not easily accessible in a single location.

## Solution

LSMCE partner, Guardians of Honor (GoH), teamed up with Monarch Media to create and launch a publicly accessible web-based repository and media library for program files. The digital library serves as a hub for learning materials including documents and data applicable to expanding the minority student base studying in STEM fields at undergraduate and graduate levels. High-level search capabilities make relevant content easily accessible to the LSMCE community and to a broader audience throughout the U.S.

## Key Benefits

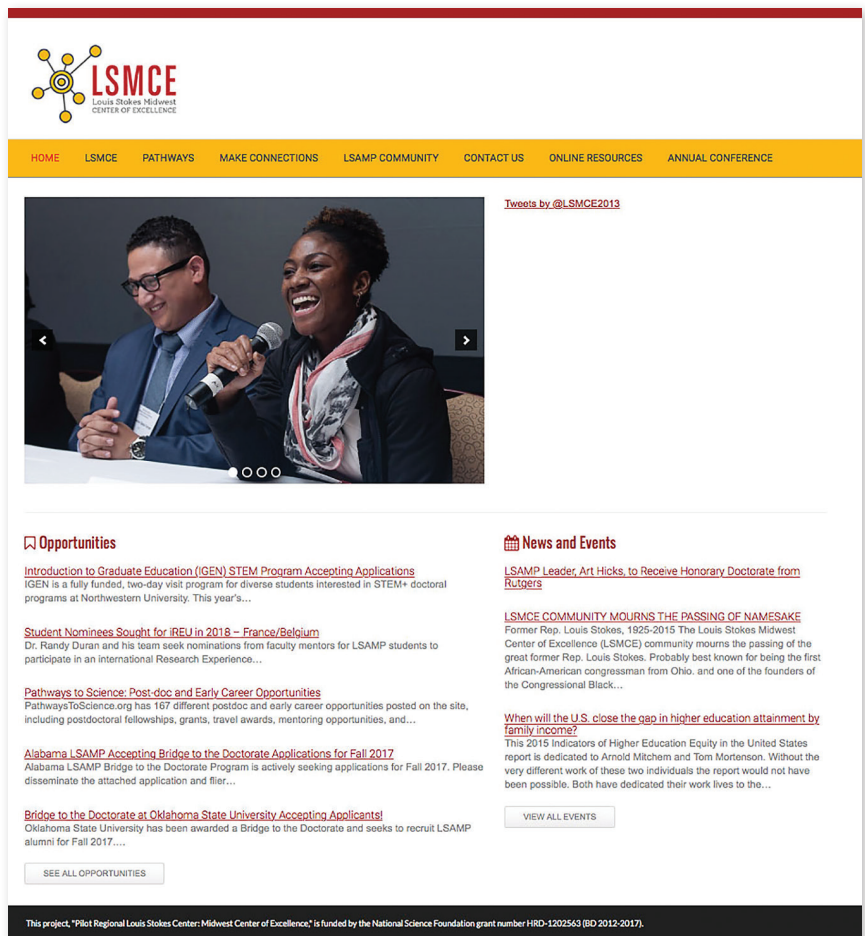
- Accessible 24x7
- Centralized information from 28+ institutions
- Advanced search capabilities
- Facilitates knowledge sharing

## Overview

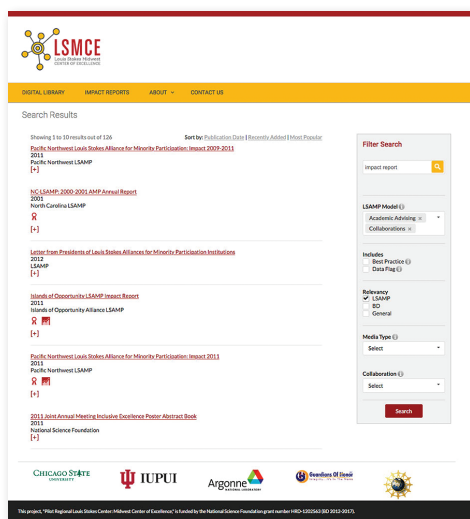
There is an ongoing nationwide effort to increase the number of students who study STEM-related fields to meet the growing workforce needs within the United States. In addition, there is a desire to diversify employees working in the area of STEM to be more representative of the nation's population.

Funded by the National Science Foundation, the Louis Stokes Midwest Center of Excellence (LSMCE) has engaged and convened multiple constituencies with the one shared goal of broadening participation of underrepresented minority students in STEM via conferences, workshops, campus visits, webinars, online resources, and more. In order to scale up and expand their work, they needed to make information about their strategies, models, and methodologies more accessible to their members and to a broader audience in the US.

<http://209.10.74.120/>



The screenshot displays the LSMCE website interface. At the top is a navigation bar with links: HOME, LSMCE, PATHWAYS, MAKE CONNECTIONS, LSAMP COMMUNITY, CONTACT US, ONLINE RESOURCES, and ANNUAL CONFERENCE. Below the navigation bar is a large featured image of a man and a woman speaking into a microphone. To the right of the image is a section titled "Tweets by @LSMCE2013". Below the image are two main content sections: "Opportunities" and "News and Events". The "Opportunities" section includes links to "Introduction to Graduate Education (IGEN) STEM Program Accepting Applications", "Student Nominees Sought for IREU in 2018 - France/Belgium", "Pathways to Science: Post-doc and Early Career Opportunities", "Alabama LSAMP Accepting Bridge to the Doctorate Applications for Fall 2017", and "Bridge to the Doctorate at Oklahoma State University Accepting Applicants". The "News and Events" section includes a link to "LSAMP Leader, Art Hicks, to Receive Honorary Doctorate from Rutgers" and a link to "LSMCE COMMUNITY MOURNS THE PASSING OF NAMESAKE". At the bottom of the page, there is a footer with the text: "This project, 'Pilot Regional Louis Stokes Center: Midwest Center of Excellence,' is funded by the National Science Foundation grant number HRD-1202543 (BD 2012-2017)."



*“The new digital library makes it so easy for our members to find relevant information all in one spot.”*

— Rebecca Pitkow, MPP,  
Guardians of Honor, LLC

## Approach

Monarch Media was given the responsibility of creating a digital library housing three decades of best practices, models, and results.

Working alongside GOH, project activities included:

- reviewing thousands of prospective materials
- digitizing and cataloguing hundreds of program and project artifacts
- designing the infrastructure and layout for the web-based LSMCE BP DL

The newly launched digital library is user-friendly and utilizes advanced search features based on metadata and tags relevant to LSMCE partners and communities. Users can search records using keywords and advanced search filters for data, elements, and strategies aligned to evidence-based best practices. It also contains reports on performance and impact of the program in institutions across all 50 states.

The library includes links to the most popular resources accessed and recently added files. It also contains a link to the list of organizations and files they contributed to the library. These added functionalities make it simple for partner institutions to navigate, search for, and identify information relevant to them. Using the right kind of technology Monarch Media created a vast, extensively searchable resource of information that facilitates knowledge sharing to achieve a larger goal.

## More Information

To learn more about how Monarch Media can help you with your next eLearning project, please call, email, or visit our website:

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