

# WESC STEM Ecosystem Newsletter

May 2024



## WESC STEM ECOSYSTEM GOALS

The objectives for Year 2 of our WESC STEM Ecosystem have been established by our Advisory Board members. Beginning in June and concluding in May 2025, Year 2 will see regular gatherings of our broader ecosystem, with meetings held at least once every quarter to focus on these objectives. Work groups made of members in all sectors will be formed to tackle the challenges outlined in our goals, with the aim of creating project-based solutions. We encourage all members to actively engage in these quarterly meetings and contribute to the work groups.

### WESC STEM Ecosystem Goals:

1. Determine the regional needs across sectors (K-12, Post-Secondary, Business/Industry, Community, Out Of School, etc.) and collect baseline data by May 2025.
2. Expand & diversify the regional STEM ecosystem network by increasing the number of registered members to 150 by May 2025.
3. Convene regional ecosystem membership quarterly from June '24-May '25, to discuss identified problems, needs, and strategies as aligned to STEM education, STEM Workforce and STEM partnerships while ensuring diversity, equity, and inclusion throughout.

Visit our [website](#) to learn more about our Advisory Board Members!

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## LET'S GROW!

Have you *officially* joined yet? Fill out the form linked below to join for free.

Join [here!](#)



Visit the [Indiana STEM Ecosystem](#) website for more information.

# Hands-On, Minds-On STEM Summit

**JULY 24, 2024 9AM-4:30PM ET @**

## **THE CHILDREN'S MUSEUM OF INDIANAPOLIS**

The first annual Hands-On, Minds-On STEM Summit is a single-day experiential convening designed for formal and informal educators working to increase STEM literacy for youth of all ages. Summit participants will explore the Children's Museum of Indianapolis through the lens of STEM while engaging with experienced practitioners and experts from across STEM fields.

Summit participants will get HANDS-ON & MINDS-ON across the entire STEM Summit by:

- Learning how to leverage the latest neuroscience to turn their vision into a reality during the interactive keynote
- Engaging in interactive sessions demonstrating research-based instructional strategies for the Indiana STEM and Science standards
- Expanding their awareness of STEM careers & technology through engagement opportunities with STEM experts
- Igniting their curiosity while exploring resources in the STEM Playground
- Interacting with regionally based STEM Ecosystem advisory boards and leads

Join us for this fun-filled day of experiential, real-world learning that will enrich, excite, and engage your love of STEM while sparking new ideas for developing critical thinking & problem-solving skills with the youth you serve.

*\*Before registering or submitting a proposal, please make*

*sure you have joined the FREE Indiana STEM Ecosystem network!*

Click [here](#) to register to attend, submit a proposal to present, or submit a proposal to be an event sponsor.



You're invited to join us on **June 25th** at the **Wilson Education Center** located at 2101 Grace Avenue Charlestown, IN 47111 for an interactive & fun-filled day diving into the Agilites resources and tools from The DeBruce Foundation! By participating, you will gain knowledge and awareness of all things Agilites, while **gaining access to a gated website full of resources and tools** you can use with your students or clients to assist in expanding their career literacy. By becoming an Agilites Coach you will also get **EARLY ACCESS** to newly developed grade band-specific resource kits specifically designed for educators! You will also become a member of the Indiana cohort of trained Agility Coaches where you will receive additional support and guidance to support you in your efforts!

The [DeBruce Foundation's](#) mission is to help expand career pathways to economic growth and prosperity by helping people become more agile.

One way we do this is by providing free trainings to help develop an awareness of the Agilites and knowledge of ways to leverage the tools and resources provided by The DeBruce Foundation to support career literacy for your students!

Our Agilites Coach model is designed as a train-the-trainer approach to build sustainable internal capacity by equipping YOU to bring all of the amazing DeBruce Foundation tools & resources back to your teams. After completing this 1 day in-person training along with a future 1.5 hour virtual follow-up demo of the membership-only [Agilites](#) Coaches site, you will be ready to begin training your internal teams to leverage the Agilites resources to grow career literacy for all that you serve!

In alignment with the charitable mission of The DeBruce Foundation, and with the generous support of Paul DeBruce and The DeBruce Foundation, we can bring all of this to you at **NO COST!** Additional future free virtual and in-person training opportunities will be offered to certified Agilites Coaches.

**Agilites Coach training is free to attend, with lunch provided by The DeBruce Foundation & available sub-reimbursement. [REGISTER TO ATTEND HERE!](#)**

## STEM CERTIFIED SCHOOLS

Congratulations to our region schools who have been newly STEM Certified:

- Dillsboro Elementary School, South Dearborn Community School Corporation
- Hayden Elementary School, Jennings County School Corporation
- Manchester Elementary School, South Dearborn Community School Corporation

Congratulations to those who are Developing in STEM Certifications:

- Salem Middle School, Salem Community Schools

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## LEARNING OPPORTUNITIES

### Professional Learning

**FREE SUMMER INSTITUTE  
FOR STEM TEACHERS K-12**

*Growing Tomorrow's  
STEM Teachers Summer  
Institute:*

- teaching with artificial intelligence,
- writing for grants and
- hands-on workshops to increase student learning.

**FREE professional growth points, FREE ideas, and FREE food!!**

To register scan the QR code and fill out the form



**WHEN: JUNE 6-7@8:30AM-3:30PM**

**WHERE: INDIANA UNIVERSITY SOUTHEAST**

### *Indiana STEM Educator Expansion Program (I-STEM) Registration Now Available*

IDOE is partnering with Educational Service Centers (ESCs) of Indiana to strengthen Indiana's STEM educator pipeline. The I-STEM partnership provides support for both currently licensed teachers in non-STEM areas and prospective teachers who are not licensed but hold a bachelor's degree, to become licensed to teach in a STEM content area. Eligible STEM content areas are life science, chemistry, earth/space science, physics, physical science, computer science, technology education, and mathematics. **Learn more and register [here](#).** Contact the

## Free Resources

NASA Jet Propulsion Laboratory- [activities, resources, workshops, and programs](#)

IN STEM Ecosystem- [Tools and Resources](#)

## Summer of Learning

Thursday, May 30, 2024

**Batesville's Summer of Learning Conference**

Batesville High School

Learn more and register [here!](#)

Wednesday, June 5, 2024

**Silver Creek's Summer of Learning Conference**

Silver Creek Middle School

Learn more and register [here!](#)

## Indiana Learning Lab

*CS Educator Hub-* Join [here](#) for resources, collections, workshops, and more.



WESC Region 2 STEM Ecosystem

Visit our [website](#) to learn more and join our regional ecosystem.

Visit the [Indiana STEM Ecosystem](#) website for more information.

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