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What Can PRISM Do For You?

PRISM stands for **P**ortal **R**esource for **I**ndiana **S**cience and **M**athematics. With the support of the Lilly Endowment and others, we provide collections of online resources for Indiana educators, full access to a learning management system (LMS), and training in digital pedagogy and LMS applications all FREE of charge! These are just a few things we do.

Below is a list of other services that we offer and various contributions:

- Moodle LMS Administrator - We host several schools by overseeing the daily performance and providing technical support. We ensure that schools using our Moodle website have the support they need and that their eLearning programs function smoothly. Below is a list of school corporations we support:

School District
Benton Community Schools
Brownstown Central Community School Corporation
Catholic Community Schools of Plainfield
Central Nine Career Center
CSC of Eastern Hancock County
East Porter County School Corporation
Evansville Vanderburgh School Corporation
Greensburg Community Schools
Lake Ridge New Tech Schools
Lawrenceburg Community School Corporation
North Lawrence Community Schools
Pike County School Corporation
Scott County School District 1
Southwest Dubois County School Corporation
Richland-Bean Blossom Community School Corporation
School City of East Chicago
Tipton Community School Corporation

What Can PRISM Do For You?

- Sustainable Energy Boot Camp – Residential experience for K-12 teachers:

  - Teacher Experience – A true "boot camp" experience on sustainable energies, combining academic on-campus professional development and vocational field experiences.

  - Incentives – Participants get a kit of materials and supplies; all curricula, lessons, and lab activities; forty-five (45) Professional Growth Points to name a few.

- Grant Seeker/Writing Assistant – PRISM collaborated with K-12 school corporations to secure grant funding.

- Conference Presenters – STEM Conferences, HASTI & ICTM Conferences, Summer of Learning Conferences to share best practices and programs.

- Educational Consulting Firm – Partnership with Vigo County School Corporation on various Professional Developments that include Summer Institutes since 2013, MATH, Lego, etc.

These are some of the services and contributions we provided at little or no cost to K-12 schools and teachers. What can PRISM do for your school? <u>Contact a PRISM staff</u> member to explore possibilities.

Congratulations to 2022 IDOE Grant Recipients

- Digital Learning Grant: Evansville Vanderbaugh School Corporation & North Central Parke School Corporation
- STEM Integration Grant: Anderson Prep Academy & Matchbook Learning

The PRISM Program assisted these schools with getting these grants.

EMERGE Mentorship Program

 January is National Mentoring Month: PRISM EMERGE, supported by Ball Venture Foundation, is a tele-mentoring program to enhance both career awareness and academic achievement in STEM for at-risk 9th grade girls. Our mission is to increase diversity in STEM professions. Currently, PRISM EMERGE partners West Vigo High School female freshmen with Rose-Hulman women students for the duration of an academic year.

Read from various participants and their experience in EMERGE Mentorship Program:

Ms. Jessica Schmidt, West Vigo High School English Teacher and Emerge Supervising Teacher
EMERGE is a program that I wish every ninth-grade girl had the opportunity to be a part of. Too often, girls in middle school/early high school are pressured to de-value themselves in math and science, and really all STEM fields, and they won't actively compete against the boys. This belief closes so many potential opportunities and possible futures to them. EMERGE re-opens those futures through hands-on activities, field trips to Rose Hulman, and one-on-one mentoring with women in the STEM fields. The Rose Hulman mentors demonstrate that women are a part of STEM, and they create a space that invites these young girls into the STEM world and opens up choices for their futures.

Mandy Chick, Junior; Major: Mechanical Engineering
I am so thankful for the opportunity to be a PRISM EMERGE Program Mentor. This program has provided me many wonderful opportunities, like meeting other students on campus and connecting with high school females who are interested in pursuing STEM careers. I have loved making memories and interacting with these wonderful girls in the PRISM EMERGE Program and look forward to many more events and activities with them!

Tyra Correia, Junior; Major: Electrical Engineering
I am so proud of the work we have done as a team in paving the way for future female leaders in STEM. Engaging with mentees and watching them grow has been so fulfilling and I am incredibly thankful for the role I get to play in this critical moment of their lives.

Helena Donaldson, Freshmen; Major: Electrical Engineering
Working as a mentor for the EMERGE Program has been an amazing experience. Allowing the next generation to explore STEM fields has become increasingly important as our society continues to face greater challenges. The EMERGE Program is centered around inspiring young women to tackle these challenges through the power of science and technology while also exposing them to their potential college and career opportunities.

Breanna Rogers, Senior; Major: Biomedical Engineering
I enjoy getting to work with girls in the Vigo county community and provide them with opportunities to engage with STEM-related projects and equip them with scholarships that can influence their financial situations after high school. Even though I am only a college student, I have learned a lot from high school, the college admissions process, and on STEM topics. I feel that knowledge is extremely valuable and can be so easily passed on to help others.

Sarah Shibuya, Sophomore; Major: Biomedical Engineering
One of my most meaningful conversations I have had with a mentee was before a winter celebration event. We talked about her passions with biology and genetics, how her classes were going, and how she should move forward. It wasn't only fun to talk about something I am also interested in, but it was rewarding to see how much I could encourage a student to continue on their path.

Plans are underway to expand this program to other schools in Indiana. If you would like to learn more about how to start an EMERGE Program in your school, please email <u>Nicki Manion</u>, Assistant Director of PRISM Project at Rose-Hulman.

PRISM Events

PRISM Sustainable Energy Boot Camp

Sponsored by Duke Energy

Dates: July 16-21, 2023

Pre-Registration: If you're interested in participating, fill out the form here.

Location: Rose-Hulman Institute of Technology Campus

To learn more about the boot camp, click here.

Moodle Training Courses

Basic Moodle for Teachers (10 PGP Points)

A basic introduction to Moodle. You will learn how to build a classroom course and populate it with files, assignments and quizzes.

Intermediate Moodle for Teachers (10 PGP Points)

A continuation from the Basic Moodle for Teachers course. Choose this course if you already have Moodle experience and would like to learn how to use some of the more advanced features like wikis, databases, lessons, and RSS feeds.

Advanced Moodle for Teachers (10 PGP Points)

A continuation from the Intermediate Moodle for Teachers course. This course will take the Intermediate level course a step further as participants learn advanced gradebook features, groups and groupings, conditional activities, and the workshop activity module.

All of the courses are completed online at your-own-pace during your own free time.

If you would like to register for a course, please visit the PRISM website, login, and click the 'Event Registration' link in the Main Menu. Use the drop-down menu to select the appropriate course and click the 'Registration Form' button. You will see a complete description of the course. To sign up, scroll down and enter your information. You should receive a confirmation email. If you do not receive a confirmation email, please contact us.

Professional Development for Teachers

Accepting New Applications!

Applications are open NOW through January 20 for teachers new to STEM Teach!

HOW TO APPLY

If you know a teacher who needs to meet credentialing requirements to teach a dual credit course in biology, chemistry, physics, psychology, or technology/IT, please let them know that new applications will be accepted January 9 - January 20. Link to apply.

TEACHERS, DO YOU ALSO NEED TO COMPLETE A MASTER'S DEGREE?

A limited amount of funding is available to support teachers who have participated in STEM Teach and who also need to complete a master's degree for dual credit credentialing. Graduate courses not listed in the STEM Teach V catalog are available to teachers who apply for this opportunity.

Visit the website to LEARN MORE.

Professional Development for Teachers

HASTI
HOOSIER ASSOCIATION OF
SCIENCE TEACHERS, INC.

Conference Theme: Math and Science: Opening Doors to the Future

Conference Dates: Sunday - Tuesday, Feb 12-14, 2023

Location: Marriott East, Indianapolis, Indiana. To book a hotel room at the special rate of $129/night make a reservation by January 16, 2023 <u>using this link</u>. Note that there is a limited block of rooms at this rate.

Conference Registration: Visit the <u>conference page</u> to learn more.

Scholarship Opportunity: The Hoosier Association of Science Teachers, Inc. is dedicated to the ongoing professional development of its members. It is HASTI's desire to help in the continuing development of preservice and beginning teachers, particularly where local funds are insufficient. The grant cannot fund teacher stipends or substitute pay.

To apply for a scholarship, fill out the form <u>online</u>. Application and payment are due February 1, 2023, prior to the annual conference.

What PRISM Can Do For You!

- Easily find the perfect teaching and learning resources from our library of over 5,000.

- Save a list of your favorite resources for quick retrieval.

- Create and share lesson plans that teach your subjects utilizing your favorite resources.

- Develop online classrooms with interactive assignments, lessons, quizzes and more!

- Store your classroom materials online so that they are available to you from any computer.

- Reach your students more effectively by using web media for the digital age.

- Earn PGP points by completing PRISM led online Moodle course – either Beginning Moodle or Intermediate Moodle courses are available to you at no cost several times throughout the year.

- Select from free learning resources that emphasize visualization, rich context, staged-problem solving, and electronically enabled collaboration / communication.

- Augment your own dynamic presence in the classroom with teaching tools that mirror the skills needed for success in higher education and the 21st Century workplace.

*Through our strong support from the **Lilly Endowment** and others, we are constantly growing and improving. Check our site regularly to see what new resources you can use in your classroom.*

www.rose-prism.org

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