

Come and learn about **The Mentor Matching Engine (MME)** and your chance to give back and get students excited about careers in R&D on November 17th!

### What Is MME?

The Mentor Matching Engine is an online platform that connects Illinois high school students and their teachers to STEM professionals from Illinois companies and research institutions.

Developed in partnership with the Illinois Mathematics and Science Academy (IMSA) and Northwestern University, this site allows STEM professionals to serve as mentors to guide students through student-led research. High school students are exposed to multiple perspectives along the STEM pipeline through 1:1 mentorships with a STEM Professional.

Using examples from their own organizations, mentors also provide perspective on how R&D is applied beyond the classroom.

After learning basic research concepts in a classroom setting, students explore a topic of interest by developing a question that can be answered through an investigative research process. Students post teacher-approved research questions on the Mentor Matching Engine and request mentors with relevant subject matter expertise.

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**Mentor Matching Engine is an entirely online mentoring experience and will allow you to mentor at times convenient to you, without the challenges of setting up meetings or travelling to a school to mentor.**

### When and where?

Noon-1:00 PM, Building 241, Room D172. Lunch will be provided while you are shown how MME works from a mentor, teacher and student perspective. Join us to discover why being a mentor is so valuable!

### What Type of Mentors is MME Looking for?

- **Mentors that are enthusiastic** about sparking students' interest in research and development, STEM degrees and careers.
- **Mentors that are professionals** in STEM industries and research institutions.
- **Mentors that are faculty, post-docs and graduate students**, in the STEM disciplines.
- **Mentors that can guide high school students** through the basic or advanced research process and able to meet a time commitment of about 1hr per week for up to a 12 week duration.

# The Other Benefits of Mentoring

MME provides industry and post-secondary institutions with the opportunity to create and deepen existing community partnerships. It also supports existing talent pipeline strategies for industry and post-secondary institutions, including employee engagement and professional development, employee retention and new talent recruitment.

## Faculty

Broader impact requirements for NSF grants. Opportunity to adopt MME as a service-learning/community-based learning practice for graduate students in the STEM disciplines.

## Graduate Students

Service-learning/community based-learning course requirements.

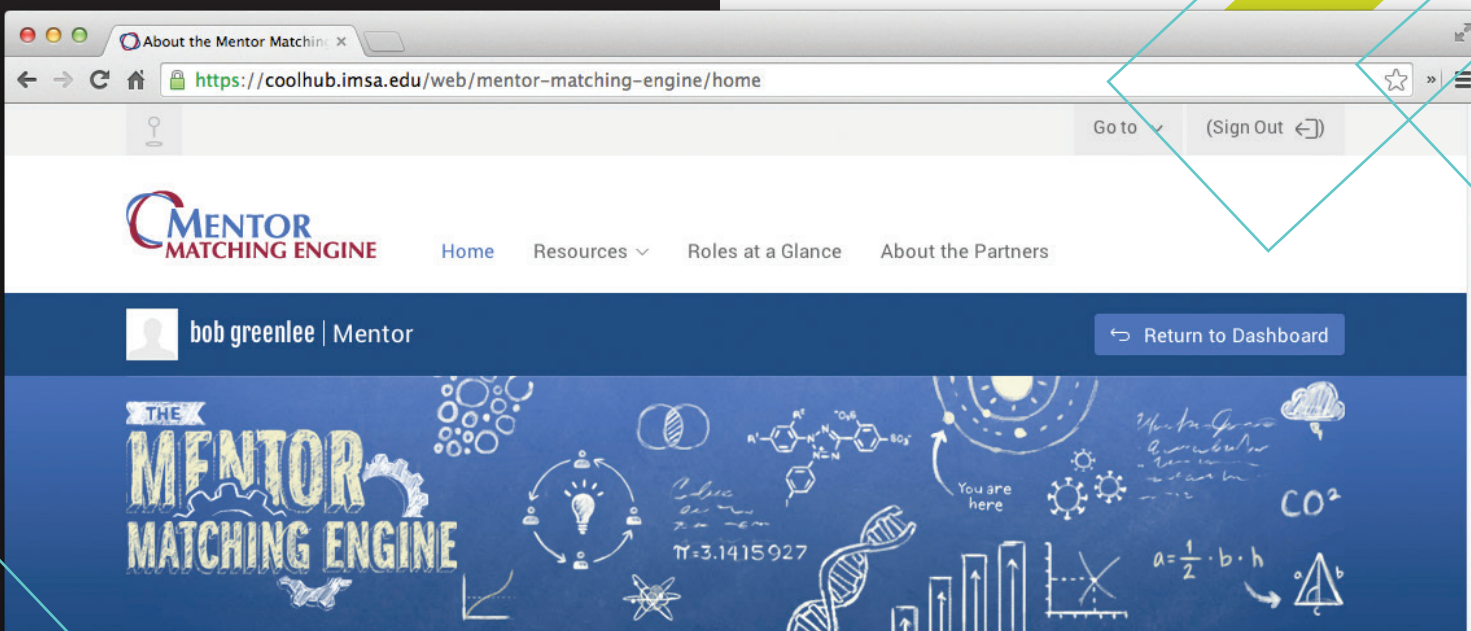
## Industry Employees

Meet social responsibility and volunteering targets.

## Interested in Becoming a MME Mentor?

If interested in learning more and becoming a mentor through MME, please contact Kristene Henne (khenne@anl.gov).

MME is a partnership with the Illinois Mathematics and Science Academy (IMSA), the Illinois Science and Technology Institute (ISTI) and Northwestern University and is a key initiative of the R&D STEM Learning Exchange (RDLE).



## How We Work

The Mentor Matching Engine is an invitation-based platform to bring together Mentors, Students and Teachers for personalized independent student research projects in science, technology, engineering and mathematics (STEM) fields.