

Dayton Region STEM Teacher Summer Enrichment Program

Get involved – make a difference!

What is it? A community partnership with the Air Force Research Laboratory (AFRL) to offer a unique, 4-week summer **professional development experience** for high school Science, Technology, Engineering and Math (STEM) teachers.

Why do it? To provide timely and regionally relevant STEM education content and experience for teachers to **enhance the student classroom experience**.

What is the outcome? Teachers will be paired with a mentor from AFRL or Industry to work a hands-on, problem-based, project with strong STEM content. They will then work with the Dayton Regional STEM Center to **develop a lesson unit** that they teach during the academic year.



An Invitation to Participate:

AFRL will host 5 teacher-interns. Up to 5 additional teacher-interns will be hosted at local companies, academic institutions, and non-profit organizations. Your company/organization or professional association can participate in two ways:

- **Host a teacher intern for 4 weeks this summer.** You will need to provide a committed mentor and identify a STEM related project. Mentors and teachers will receive training by the Dayton Regional STEM Center prior to the start of the internship.
- **Fund a teacher intern.** Cost for one intern is \$3,000. This covers the teacher stipend for 4 weeks; support by the Dayton Regional STEM Center to recruit and hire the teachers, train the mentors and teachers, guide the teachers in developing their lesson unit, and implement metrics; as well as materials for classroom use. Donations of \$500 to \$3000 are welcome and are tax deductible.

To get involved – please contact:

- **Sivaram Gogineni, Spectral Energies, (937) 266-9570, spgogineni@gmail.com or**
- **Lester McFawn, Wright Brothers Institute, (937) 266-7566, lesmcfawn@aol.com**

A word from Mr. Joe Sciabica, Executive Director of AFRL:

“AFRL has great respect and admiration for those who teach our next generation of scientists, engineers, technical and business professionals. A lot of focus and effort is being directed at the students and it appears we've forgotten the teachers. Not any longer. AFRL is teaming with the community to establish teacher internships, where teachers will get first hand research experience in our government laboratories and local companies that they can carry back to the classroom. The end goal is a stronger workforce here at WPAFB and in the Dayton Region.”

Don't wait – you can make a difference! The deadline to participate is May 13, 2011