



MESSENGER

INTERACTIVE SCIENCE SPACE AND AERONAUTICS CENTER FOR EDUCATION

OUR VISION IS 2020:
OUR MISSION IS NOW

SPRING 2008

Celebrate Space Day with iSPACE
Join us for this **FREE** family event!

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Space Day 2007 Activities

Saturday, May 17, 2008

11:00 a.m. - 4:00 p.m.

Come for an hour or stay all day!

Scarlet Oaks

3254 East Kemper Rd.

Sharonville, OH 45241

Hands on activities for the whole family!

Some iSPACE Summer Camp Slots are Still Available.

iSPACE is still accepting registrations for our highly acclaimed summer camps being offered in Park Hills at Northern Kentucky University's Covington campus and at Scarlet Oaks in Sharonville.

You can make your child's summer educational as well as fun by registering for one of our robotics, engineering or space and aeronautics camps.

Did you know that we have added **EXTREMELY cool camps for high school students?**

We also recently added an afternoon session of the **LEGO® Engineering FUNDamentals** camp for grades 1-2 at the Sharonville location in order to accommodate those students who have been wait-listed.

To register go to:

<http://www.ispacescience.org/camps.html>

You can:

- Try on a Space Suit
- Ride a Hovercraft
- Touch a Meteorite
- Fly a Blimp
- Launch a Rocket
- Program a Robot
- View NASA Exhibits
- And much, much MORE

Thanks to our Space Day Sponsors:

Southwest Ohio Center for Excellence in Science and Mathematics Education

and

Great Oaks Institute of Technology and Career Development

The Ketron Family

Kenneth J. Richter



For more information on Space Day go to:

<http://www.ispacescience.org>

A HOME FOR iSPACE!

We are very excited that iSPACE will finally have a physical home. Great Oaks Institute of Technology and Career Development has offered us the use of space on their Scarlet Oaks Campus in Sharonville, that will allow iSPACE to begin offering in-house programs to go along with our current outreach programs.

Great Oaks has been a strong iSPACE educational partner for the past four years. Great Oaks, the largest career and technical education district in the United States, has been providing career development, workforce development and economic development services to individuals, business, industry, labor, communities and other organizations in southwest Ohio since 1970. The educational programs and services available through Great Oaks enhance the lives of tens of thousands of people each year.

One of the main goals of iSPACE is to encourage students in science, technology, engineering and mathematics (STEM) education and inspire them to consider careers in those areas. Thus we have found a wonderful synergy with Great Oaks since they help to coordinate



Building a place for kids to build their future.

career development services to students in grades K-12 in their thirty-six affiliated school districts.

Locating on the Scarlet Oaks campus will allow iSPACE to expand our offerings to include:

- School Visits to iSPACE
- Regular After-School and Weekend programs for students in grades K-12
- Preschool programs
- Educator Professional Development Workshops
- More Family/Public Events

We will also continue and grow our current programs including:

- iSPACE To-Go
- Camps
- *FIRST* Robotics (FLL, JFLL and FTC)

We have met with architects who will begin renovations to the iSPACE facility later this year. Until it opens there are still many ways that you and your child can benefit by iSPACE.

- You can attend our Space Day celebration on May 17.
- You can register your child for one of the best academic camps in the region.
- You can schedule an iSPACE To-Go hands-on, minds-on program for your school or community group.



CAS Tech Expo

Thursday, May 22, 2008

10 a.m. to 4:00 p.m.

Duke Energy Center in downtown Cincinnati

You are invited to this free event where middle school and high school students will be introduced to a myriad of careers in science, technology, engineering and math and see an amazing array of senior design projects from the College of Applied Science students.

For more information, go to <http://www.uc.edu/cas/expo2008/>.

CHALLENGED TO CHANGE THE STATISTICS - ONE GIRL AT A TIME - PART 2 -

iSPACE would like to recognize Delta Sigma Theta Sorority, Inc. - Cincinnati Alumnae Chapter for striving to make a difference in girls' attitudes and awareness regarding STEM (Science, Technology, Engineering, and Math). They host a program called Delta Academy, which is targeted to girls aged 11-14 and emphasizes STEM topics as well as the investigation of nontraditional careers for women. This year they have increased their focus on technology-based hands-on activities and, much to our pleasure, iSPACE was contracted to provide a robotics course.



Marena Brown, Delta Academy Chairperson, spoke very highly of the program and their iSPACE experience. "Our girls are at such a critical age; they are beginning to make life-defining decisions. What is beautiful? How should I respond to peer pressure? What do I want to do after high school? I am so glad that we are able to offer a very holistic program that exposes them to a broad range of experiences that they won't find anywhere else. The iSPACE Robotics course was not only fun, but educational. It required them to propose and actually test their hypotheses – a truly hands-on learning experience."



The other two learning modules were "The Science of Beauty" and, in conjunction with Media Bridges, "Lights! Camera! Action!" One of the Delta Academy groups chose to highlight their iSPACE robotics experience in their video assignment. We were honored to "star" in one of their projects and hope to make the video available for viewing on our website.

The robotics course was one of three STEM learning modules they are offered this year to approximately 45 girls. During the course, participants built and programmed Lego Mindstorm robots to complete certain tasks. Although novices, the girls quickly picked up the required skills to successfully complete the project.

Delta Academy meets once a month on Saturdays to participate in technology related activities such as those highlighted above. Sessions also include "Girl Talk" – small group discussions on topics selected by the participants, community service events such as a neighborhood clean-up or visiting a retirement home, and leadership and team-building activities.



Way to go Delta Academy!! We look forward to working with you on future projects.

For more information about Delta Sigma Theta, Inc. - Cincinnati Alumnae Chapter, visit www.cacdst.org.

DELTA SIGMA THETA SORORITY, INC.
Cincinnati Alumnae Chapter



Help your daughter change the statistics!

Enroll her in one of our academic STEM summer day camps for entering 1st-10th graders. Visit <http://www.ispaceohio.org/camps.html> for camp info/registration.

GET INVOLVED!

Thanks to the following recent iSPACE donors:

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Southwest Ohio Center for Excellence in Science and Mathematics Education
 Marc Wagner
 Jason S. Wright

[Click here](#) to make a donation to iSPACE, a 501(c)(3), not-for-profit organization. Your donation will help make science education come alive for thousands of OKI students and may be tax deductible. Your contributions also may be eligible for matching funds from your company.

For iSPACE information:

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 Cincinnati, Ohio 45249
Lneenan@ispaceohio.org
<http://www.ispaceohio.org>

For Educational Outreach:

513-277-9521 or bketron@ispaceohio.org

For more information on outreach programs for your school or community, please contact Bev Ketron, iSPACE Educational Outreach Director.

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Volunteer Opportunities

We need special people to work on the iSPACE Education, Finance/Fundraising Committees. Are you one of them?

If you are interested in helping out in any of these areas, or with iSPACE special events such as Space Day or our robotics tournaments, please call 513-720-4772 .



iSPACE is an OKI regional non-profit educational organization that offers interactive, hands-on, minds-on inquiry based learning in science, technology, engineering and mathematics.

Our mission is to inspire, educate, and empower young students and their teachers in these fields by making the pursuit of knowledge engaging, challenging and fun.

We offer summer camps, teacher workshops, and special science events throughout the year in the OKI region. The next goal of iSPACE is to implement the internationally acclaimed Challenger Learning Center. For more information on the Challenger Learning Center go to www.challenger.org.