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The Cyber *perspective*

SUPPORTING COLLABORATION...
INDUSTRY, ACADEMIA & GOVERNMENT

Cyber Updates from the Desk of Craig Spohn

Dear Friends,



I continue to be impressed and amazed with the tremendous number of our students, from the elementary to the college level, who are interested in all things scientific.

Their participation in events and competitions requires a great deal of commitment above and beyond their school studies. The kind of passion and effort these students have demonstrated will pay dividends throughout their lives. I applaud their dedication and look forward to the CIC's continued interaction with them.

Louisiana Tech University's recent Cyber Storm was a great success, according to coordinator Dr. Jean Gourd, Assistant Professor of Computer Science. Thirty students from Louisiana Tech's Cyber Security course competed in a combined offense and defense "hackfest." Nineteen Computer Science seniors designed and implemented the infrastructure that made the event possible. Dozens of spectators joined in on the fun. This year the theme

centered on the popular *Star Wars* franchise. The Blue Cell (Jedi) beat the Red Cell (Sith) by a mere 155 points, 27,125 to 26,970. The administrative White Cell (The Force) introduced a number of challenges throughout the day. Spectators joined in on two sub-networks, a safe Pink Cell (The Light Side) and an unsafe Black Cell (The Dark Side) where attacks and retaliation were permitted. A select team of students from Louisiana Tech's Advanced Networking class formed a Green Cell (Ewoks) and contributed to a huge amount of network traffic—over 550 GB—generated in just the first half of the competition. Sponsors this year included the CIC, CenturyLink, The Center for Secure Cyberspace, and Louisiana Tech's College of Engineering and Science. Plans are already under way for the 2012 Cyber Storm.

The Regional Autonomous Robotics Competition, held May 7th, was also a terrific success with a record number of teams participating. It was organized and masterfully executed by Richard Warren, Benton Middle School Science and Robotics teacher, and Marvin Nelson, Jr., Benton High School Mathematics and Engineering teacher, and was

sponsored by the CIC's Academic Outreach Program. Many thanks to the Bossier Parish Community College—associated judges Kelly Stough, Chris Rondeau, Mrs. Rondeau, Laura Goadrich, Jason Cooper, Doug Rich, and Cookie Rich.

You can follow the CIC's Academic Outreach updates on our Twitter account, @cicaop.

Registration for the Air Force Global Strike Command Technology & Innovation Symposium, to be held November 7-9, will begin on June 1. CIC Members will receive a discount.

Please join us at our May luncheon to hear Col West Anderson (USAF, Ret), the Director of The Boeing Company's Barksdale Field Office, to discuss Boeing Defense Systems. Col Anderson is the former Chief of Staff, Eighth Air Force and the former Chief of the Strategy Division for Air Force Global Strike Command.

Sincerely,
Craig Spohn



Regional Autonomous Robotics Competition

Fifty-six robotics teams from across the region descended on Benton Middle School to show off their design and programming skills at the 4th Annual Regional Autonomous Robotics Competition.

Teams were divided into three divisions—Club, Middle School, and High School—and competed in two different events throughout the day. In the 4 Bottle Race, teams programmed robots to navigate as quickly as possible around a set of water bottles. The first place winners were Haughton Middle School 2 (Club), Benton Middle School 1 (Middle School), and Haughton High School (High School).

In the Board Challenge, the robots manipulated parts and moved them into scoring positions around a 4 by 8 foot field of play. Students teams designed and programmed the robots to compete in each event. The first place winners of the Board Challenge were Apollo Elementary 2 (Club), Benton Middle School 1 (Middle School), and Et Solutis Neque from Benton High School (High School).

Scores from the 4 Bottle Race and Board Challenge were combined to determine the overall winners for the competition. In the Club Division, Apollo 2 was named the Grand Champion, Stockwell Elementary 1 won 2nd place, and the Robo Divas from University Elementary won 3rd place. The overall winners in the Middle School Division were Benton Middle School 1 in the Grand Champion position, The Eagles of Elm Grove in 2nd place, and the Symbiotic Tigers from Benton Middle School in 3rd place. For the High School Division, Et Solutis Neque from Benton High School was named Grand Champion, the Panthers from Parkway High School earned 2nd place, and the Gladiators from Airline High School came in 3rd place. All winning teams were awarded trophies from the Cyber Innovation Center.



Grand Champion Club Level: Apollo 2



Grand Champion Middle School: Benton M.S. 1



Grand Champion High School: Benton H.S.

Upcoming Events

May 18

Monthly Member Luncheon
Harrah's Louisiana Downs Sky Room
11:30 a.m.—1:00 p.m.
Speaker: West Anderson, The Boeing Co.

June 15

Monthly Member Luncheon
Harrah's Louisiana Downs Sky Room
11:30 a.m.—1:00 p.m.

June 14-17

Teacher Workshop: STEM Threads—Physics
Louisiana Tech University

July 19-22

Teacher Workshop: STEM Threads—Cyber
Science
Louisiana Tech University

Please contact JoAnn Marshall at 866-380-2746 or at joann.marshall@cyberinnovationcenter.org for more information about these events.