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BDPA Cincinnati Launches 2015 High Technology STEM Initiative

CINCINNATI, OH – BDPA Cincinnati chapter announces the opening of the 2015 Student Information Technology Education and Scholarship (SITES) program. The SITES program offers cutting edge STEM training to areas High School and College Students. 2015 is the 19th year for SITES program. The program will begin on January 10th at Cincinnati State Technical College. Students can preview the program content and complete the application for training sessions on the www.bdpa-camp.org web site. The SITES program contain a number of distinct offerings for students and opportunities to win college scholarships

**Computer Camp** – a disciplined 13 week program for students in 8th through 12th grades. The computer camp covers Visual Basic Applications, Mobile Phone Applications, Web Development, Programming Automation Controllers, Robotics, 3D Printing, Internet Of Things (IOT), Information Technology Theory and History, and Professional Development. This training provides students with IT theory and hands-on activities as well as exposure to leading technical professionals in the Cincinnati and Northern Kentucky areas.

**High School Computer Competition (HSCC)** -The BDPA National High School Computer Competition, (HSCC), was founded in 1986 by Dr. Jesse Bemley, of Washington, D.C. What started as a two-team event between Washington, D.C. and Atlanta, GA. has grown to over 20 teams of various high school students from within the 46 chapters across the nation. It’s designed to introduce our youth to the field of Information Technology, challenge their learnings, encourage them to seek higher levels of education, and groom many of them to become our next generation of IT professionals. HSCC is a 28 week program that prepares students to compete in a 3 step competition that demonstrates IT prowess. The competition consists of an oral component, a written component, and a very competitive programming component. Students are taught to master ASP.NET Programming, JavaScript Programming, Structured Query Language (SQL), MySQL Database and Microsoft Visual Studio in a succinct and efficient manner. Students will have the ability to develop a complete database driven application in seven hours after completing this training. Additionally, students are coached on working effectively in teams, team building, leadership, and academic discipline. The top winners of this competition are awarded scholarships at the National BDPA Conference in addition to any local chapter recognition or awards.

**IT Showcase** – The BDPA Information Technology (IT) Showcase allows student presenters from educational institutions across the United States, to present and demonstrate their research. The presentations represent advanced computing and technical topics presented by college and high school students to an audience of corporate representatives and IT professionals. IT professionals and educator mentor students and help them prepare for a national competition. Top students are awarded scholarships at the National BDPA Conference.

**Mobile Application Showcase** - The BDPA National Mobile Application Development Showcase allows student application developers the opportunity to participate in a competition that allows them to an opportunity to test their talents against others and develop a working, functional Mobile Application, at no cost to themselves. The applications being showcased will represent three different application categories (i.e. business, personal productivity, and gaming). Each category will have stringent requirements to be met in advance to the showcase. The top winners of this showcase are awarded scholarships at the National BDPA Conference.

BDPA Cincinnati had an exceptional training year in 2014 which culminated in students winning $15,625 in scholarships for their performance at the 2014 National BDPA Conference. The chapter is looking forward to an even greater training year in 2015 engaging more minority students and bringing even greater rewards back to Cincinnati.