



Call for Participation

Greetings!

We are now actively recruiting high school and college undergraduate students to participate in the 12th annual National BDPA Information Technology (IT) Showcase.

About National BDPA IT Showcase

The BDPA IT Showcase allows student presenters from educational institutions all over the United States to showcase their research papers and posters by presenting and demonstrating their research. The presentations will represent science, technology, engineering or mathematics (STEM) topics presented by highly motivated high school and college students to an audience of students and IT professionals. College and high school students have the opportunity to participate in this 3-day event held in conjunction with the National BDPA Technology Conference held in Indianapolis, IN, August 6-9, 2014.

The Presentations and Research Projects will be judged in two divisions ... high school and college ... by a panel of judges. Three awards will be made in each category for 1st, 2nd, and 3rd place. Each participant will be recognized with a Certificate of Appreciation at the end of the IT Showcase session. The awards will be presented at the annual Gala on Saturday, August 9, 2014.

Student Research

BDPA is seeking scholarly papers/projects on leading edge technologies in STEM disciplines with a focus on, hardware and software methodologies, research proofs of concept encompassing, but not limited to, intelligent technologies (i.e., smart toys, machine learning, and genetic algorithms), wearable computing, web technologies, green IT technologies, virtual IT technologies, high performance computing (HPC), computing curricula, computational science (across the physical and life sciences), green energy technologies, climate change or global warming.

The National IT Showcase Coordinators will work with chapter volunteers and students to help them develop their research project. The final recommendation on the student's participation will be made after the research paper is completed.

Let's make this another successful National BDPA IT Showcase!

Sincerely,
Dr. Jesse Bemley, coordinator
National BDPA IT Showcase



IT Showcase Requirements

These are requirements for students who wish to participate in the 12th annual BDPA IT Showcase. The IT Showcase is an event that is a part of the National BDPA Technology Conference. Participants are expected to follow this timeline:

1. Research paper (8 page maximum) – **due April 15, 2014**
2. PowerPoint presentation from the paper (10 min. for IT Showcase) – **due June 6, 2014.**
3. Poster display (3ft by 4ft) graphically depicting research topic - **due June 6, 2014**
4. Photo (B&W) and Bio – **due April 15, 2014**
5. Trip Report - **Due August 16, 2014.** If trip report is not submitted, student will not be allowed to participate in future showcases.

The presentation and poster are driven by the paper. The PowerPoint presentation is given at the podium and poster presentations are given in the poster display area.

IT Showcase Time Line

Owner	Action Item	Due Dates
IT Showcase Coordinator/Chapter	Final Call for Papers	April 15, 2014
IT Showcase Coordinator	Acceptance Notification	May 13, 2014
Chapter	PowerPoint Presentations/Posters Development Completion	June 6, 2014

SUBMITTING THE PAPER

Please send a copy of the paper in MS WORD to Dr. Jesse L. Bemley at jbemley@jef.org. Dr. Bemley can be reached at 202-583-1135.