

For Further Information Contact:

Kelly Herzog
MVCTC Public Information Coordinator
Phone - 937-854-6056
E-Mail – kherzog@mvctc.com



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MVCTC Students put problem-solving skills to the test at Sinclair Tech Prep Showcase

Dayton, Ohio – The Miami Valley Career Technology Center (MVCTC) had seventeen teams compete in the 2013 Sinclair Tech Prep Showcase. The event was held on Thursday, April 18, at Sinclair Community College.

According to the Miami Valley Tech Prep Consortium web site, "Every year, Miami Valley Tech Prep students compete in the Sinclair Tech Prep Showcase. Students develop contextual learning projects based on the skills and knowledge they have gained in their Tech Prep classes. Teams are judged according to a rubric using the following criteria:

- Project research and development
- Authentic work based learning
- Academic / technical skills
- Professional relationships
- Presentation skills

The Showcase features 21 pathways: Automotive, Aviation, Biotechnology, Business Management, Business Marketing, Communications, Construction, Cosmetology, Culinary Arts, Interactive Multimedia/Digital Design, Education & Training, Engineering, Environmental, Exercise Science, Graphic Arts, Information Technology (Hardware), Information Technology (Software), Life and Health Sciences, Manufacturing, Public Safety, and Theater Technologies."

The following MVCTC Teams competed in the showcase:

Arts & Communication Media Arts Pathway

- **Winners of this Pathway for the second year in a row** - Media and Video Production team of **Brad Paynter (Carlisle), Darian O'Neal (Eaton), and James Hardy (Eaton)**. They completed a project for the Clayton Fire Department.
- Media and Video Production team of **Bethany Adams (Tipp City), Michael Greggerson (West Carrollton), Josh Denniston (Versailles),**

and **Kellie Eagan (Tipp City)**. They completed a project for the Grace Brethren Village.

- Media and Video Production team of **Brock Downing (Wayne), Clayton Jaros (Twin Valley South), and Thomas Ackerman (West Carrollton)**. Their project was for a doctor in Tipp City.

Arts & Communication – Visual Design & Imaging Pathway

- **Second place winners of this Pathway** Graphic Photography student **Casey Harshman (Miamisburg)** and Graphic Art student **Zachary Stanley (Dixie)** teamed up for the project "The After School Life (Magazine Production)".

Health Science-Therapeutic Pathway

- Allied Health team of **Kaitlyn Williams (Vandalia), Beth Rinehart (Trotwood), Jalisa Scott (Mississinawa Valley), and Shelby Yantis (Brookville)**. Their project was "Preventing Hypertension".

Health Science-Exercise Science or Sports & Recreation Healthcare Pathway

- **Second place winners of this Pathway** Sports Medicine team of **Andrea Fox (Milton Union), Kiersten Jackson (Vandalia), and Bethany Claflin (Milton Union)**. Their project was "Issues with the Female Athlete Triad".
- Sports Medicine team of **Cheyenne Warner (Dixie), Kylie Evans (Northmont), and Erin Knowles (Northridge)**. Their project was "Does Gatorade help anaerobic and aerobic performance?"
- Sports Medicine team of **Martina Montgomery (Preble Shawnee), Abi Jones (Preble Shawnee), Brian Banfill (Trotwood), and Zech Scheiding (Arcanum)**. Their project was "Recovery with Chocolate Milk".

Construction Technologies-Construction Pathway

- **Second place winners of this Pathway** Construction Carpentry team of **Thomas Kessler (Arcanum), Corbin Wray (Franklin Monroe), and Mason Garber (Arcanum)** presented the project "The Evolution of Insulation".

Information Technology-Geospatial Information Systems Pathway

- **Winners of this Pathway** - GIS and Technical Intelligence team of **Taylor Stewart (Northmont) and Chris Stayte (Dixie)**. Their project was "Asset Inventory using GIS"

- **Second place winners of this Pathway** - GIS and Technical Intelligence team of **Matthew Besecker (Dixie)** and **William Curry (Northridge)**. Their project was "Ohio BPA Map Digitization".
- GIS and Technical Intelligence team of **Jacob Pepple (Arcanum)** and **Collin Newport (Milton Union)**. Their project was "Analyzing School Demographics with GIS"
- GIS and Technical Intelligence team of **Randy Vanevery (Northmont)**, **Joe Carter (Wayne)**, and **Troy Tyree (Milton Union)**. Their project was "Geospatial 3D Modeling"

Information Technology-Network Engineer/Network Manager Pathway

- **Second place winners of this Pathway** Computer Network Engineering team of **Cole Rench (Troy)**, **Ryan Bright (Tri-Village)**, **Joe Owens (Trotwood)**, and **William Rice (Milton Union)**. Their project was the "Next Level Network".
- Computer Network Engineering team of **Natalie Hunter (Preble Shawnee)** and **Jack Wolf (Vandalia)**. They completed a project on "IPv6 Network Design".

Information Technology-Web Development/Interactive Media Pathway

- Game Programming and Web Applications team of **Dustin Koeller (Brookville)**, **Amanda Dixon (Miamisburg)**, **Joneile Gable (Eaton)**, **Cole Freeders (Milton Union)**, and **Jean-Pierre Peart (Northmont)**. Their project was a website redesign for the Miami Valley Golf Club.
- Game Programming and Web Applications team of **Evan Buschor (Wayne)**, **Tyler Moore (Wayne)**, **Zachary Hall (Northmont)**, **Anthony Slack (Northmont)**, and **Warren Snyder (Bethel)**. Their project was a website redesign for St. Christopher's Parish Center for Children.

For more information about MVCTC, please visit www.mvctc.com.

For over 40-years, MVCTC has been providing career technical education for 27 partner school districts encompassing five counties in Southwest Ohio. MVCTC is dedicated to providing in-demand workforce training for youth, adults, and organizations in the Miami Valley.

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- Photo 1: Media and Video Production team of **James Hardy (Eaton), Darian O'Neal (Eaton), Brad Paynter (Carlisle), and instructor Mr. Pat Carlisle**. They completed a project for the Clayton Fire Department.
- Photo 2: Media and Video Production team of **Bethany Adams (Tipp City), Michael Greggerson (West Carrollton), Josh Denniston (Versailles), and Kellie Eagan (Tipp City)**. They completed a project for the Grace Brethren Village.
- Photo 3 - **Second place winners of this Pathway** Graphic Photography student **Casey Harshman (Miamisburg)** and Graphic Art student **Zachary Stanley (Dixie)** teamed up for the project "The After School Life (Magazine Production)".
- Photo 4 - Sports Medicine team of **Andrea Fox (Milton Union), Kiersten Jackson (Vandalia), and Bethany Claflin (Milton Union)**. Their project was "Issues with the Female Athlete Triad".
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