

# Students help Pixel-Powered

SCRANTON - More than 150 high school students helped pixel-powered superstars as part of The University of Scranton's 10th Annual Kane Competition for physics and engineering. Students from 15 high schools participated, including Carbondale Area, Delaware Valley, Dunmore, Forest City Regional, Lackawanna Trail, North Pocono, Scranton, West Scranton, Summit Christian Academy, Holy Cross, Scranton Prep, Wyoming Area, Susquehanna, Mid Valley and Eastern Area. Students competed individually and in teams through a series of hands-on challenge and quizzes.

This year's challenges included "Angry Birds Projectiles" for which students had to calculate using a large catapult to launch fruit to destroy a castle used by the green pig antagonists, complete with high school teachers participating - in costume - as angry birds. Other challenges included "Mario Balancing Act" through which students helped Mario balance two planks connected by a pulley in order to defeat Donkey Kong and save the princess, and the "Legend of Zelda Ocarina Sound Event" through which students resonated air tubes to help play the "Song of Time" to save Princess Zelda from Ganon.

## Winners

North Pocono High School Team 1 came in first

place in the team competition with members Spencer Williams, John Docalovich, Emily Donahue, Joey Stalker, Dave Yatsonsky and Tristan Flood and advisors John Croom and Nicole Furman. Delaware Valley High School came in second place with members Annmarie Mullen, Luke Riexinger, Ramonda Giddings, Anthony Hantwerter, Richard Selneck, Mario Marrugain Vega and Tyler Mutzek and advisor Steven Rhule. Wyoming Area High School Team 3 came in third place with members Carmen Mauriello, Billy Romanowski, Valerie Bott, Jared Saporito, Dylan Pegg, Zak Lanunziata and Zach Mulhern and advisor Dave Pizano

For the individual competition, Luke Riexinger of Delaware Valley High School came in first place; Anthony Hantwerter of Delaware Valley High School came in second place; and Spencer Williams of North Pocono High School came in third place.

Recipients of Ingenuity Awards, presented for each event, were given as follows: Legend of Zelda Event: Mid Valley High School; Mario Event: Dunmore High School; Angry Birds Event: Dunmore High School; Pokemon Event: Carbondale Area High School; Kingdom Hearts Mystery Event: Summit Christian Academy; and Written Quiz Team: Delaware Valley High School.



North Pocono High School team two members are, seated from left, University of Scranton Associate Professor of Physics Declan Mulhall, Ph.D., advisors Nicole Furman, and John Croom. Standing, from left, are Kyle Haddock, Shelby Mychaliw, Dylan Fantini, Carly Mischello, Nick Russoniello and Kyle Major.



North Pocono High School team one members (who won the team competition) are, seated from left, University of Scranton Associate Professor of Physics Declan Mulhall, Ph.D., advisors Nicole Furman, and John Croom. Standing, from left, are John Docalovich, Spencer Williams (third place for Individual Competition), Dave Yatsonsky, Emily Donahue, Tristan Flood and Joey Stalker.

The competition is organized by the University's Department of Physics and Electrical Engineering with the purpose of encouraging more students to pursue careers in physics and engineering. The Kane Competition is

supported by the Joseph Kane Estate, the University's Financial Aid Office and Physics and Electrical Engineering Department, and students in the University's physics and electrical engineering program.

# ed superstars



North Pocono High School team three members are, seated from left, University of Scranton Associate Professor of Physics Declan Mulhall, Ph.D., advisors Nicole Furman, and John Croom. Standing, from left, are Tom Meehan, Marissa Maurer, Alex Gardner, Kayla Limani, Alison De Pew and Kim Gaik.