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OHIO SCHOOLS AND TEACHERS RECEIVE GOVERNOR'S THOMAS EDISON AWARDS FOR EXCELLENCE IN STEM EDUCATION

Advance for release Sept. 14, 2011

Columbus (Revised September 14, 2011) . . . The Ohio Academy of Science today selected 48 Ohio schools and 272 teachers to receive **Governor's Thomas Edison Awards for Excellence in STEM Education** for their accomplishments during the 2010-2011 school year. Each will receive special Governor's Award certificates. The Technology Division of The Ohio Department of Development funded the program.

Five schools received the maximum number of 10 points: Bellbrook Middle School, Bellbrook; Carroll High School, Dayton; Chaminade Julianne High School, Dayton; Fairfield Christian Academy, Lancaster; and Incarnate Word Academy, Parma Hts. Scores of other awardees ranged from 7-9.

To receive the award, schools had (1) to conduct a local science fair with 20 or more students, (2) qualify one or more of these students for one of the Academy's 15 district science days, (3) have students participate in at least one more youth science opportunity beyond the classroom such as State Science Day, visits to museums, mentorship programs and extended field trips and (4) convince external reviewers from business and industry, government and academia *how* and *to what extent* the school's program met the Academy's definition of STEM education.

"These schools are engaged in project-based curricula, the central element of any STEM education program," said Dr. Lynn E. Elfner, the Academy's CEO.

"Receiving a Governor's Thomas Edison Award for Excellence sends a clear signal that these schools and teachers value student-originated, inquiry-based science and technology education as envisioned for the *Next-Generation Science Education Standards* being developed nationally," said Dr. Lynn E. Elfner, the Academy's CEO. "Whole new worlds of opportunities open up to students when they complete research or technological design projects," he continued.

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The Ohio Academy of Science initiated this educational partnership program in cooperation with The Office of The Governor and The Technology Division of The Ohio Department of Development to recognize schools and teachers who stimulate student scientific and technological research and extend STEM education opportunities beyond traditional classroom activities. The Technology Division of The Ohio Department of Development has supported this program since 1985 by grants to The Ohio Academy of Science.

Thirty nine professionals—broadly representing STEM employers from business and industry, government and academia—evaluated the applications in a blind review process: AEP, Air Force Research Laboratory, Akron Rubber Development Laboratory Inc., Aptalis Pharma, Ashland University, Battelle Memorial Institute, Blue Chip Consulting Group, Calfee, Halter & Griswold LLP, Chamberlain College of Nursing, Cintas Corp, DeVry University, Dinsmore & Shohl LLP, eTech Ohio Commission, General Electric, Ohio Bureau of Criminal ID & Investigation, Ohio Northern University, The Ohio State University, The Ohio State University Medical Center, Ohio University, Procter & Gamble Co., Prudential Financial, Riverside Hospital, Speedway LLC, State of Ohio, University of Findlay, US Air Force, US Department of Energy, Yale University and Youngstown State University.

About The Ohio Academy of Science

The Ohio Academy of Science strives to be the leading organization in Ohio *to foster curiosity, discovery, and innovation* and to unite all who value education, science, engineering, technology, and their applications to benefit society. <http://www.ohiosci.org>

Editor's notes:

- STEM is science, technology, engineering and mathematics.
- Here is the Academy's definition of STEM *education*:
 - *STEM Education is both the **mastery** and **integration** of Science, Technology, Engineering and Mathematics for all PK-12 students. It incorporates scientific inquiry and technological design through student-focused, project-based curricula to develop skills of communication, teamwork/collaboration, creativity/innovation, critical thinking, and problem solving.*
- Background on *Next-Generation Science Education Standards*:
<http://www.achieve.org/blognextgenscience%20>
- *Final rankings based on median scores on a scale of 1-10, with 10 as the highest.*
<http://www.ohiosci.org/STEM2010-11Rank.pdf>
- A roster of awardees follows.

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**The Ohio Academy of Science
2010-2011 School and Teacher Governor's Thomas Edison Awards**

Akron	Akron Early College HS	Mona Kotran Sharon Kaffen Lisa Kindelburg Yvonne Culver Tom O'Neil Lillian Martinez-Pinzon Darlene Hensley Wendy Keaton Cheryl Connolly Lisa Andrews Larry O'Neil
Akron	Buchtel HS	Joe Osterbich Deborah Gray Steve Kemp Margaret Busker-Postlethwait Rebecca Barnum Peggy McGill Jane Pollack Michele Jackson Darius Alati Valerie Skelly Bambi Hugh Elizabeth Terrill
Akron	East HS	Susan Huntley Joan Gipson Chuck Armstrong Blake Beluscak Lindsa Olson Bill Stone Bobbi Briggs Josh Oldham Johnna O'Neal
Akron	Innes MS	Stephanie Davis Lois Brown Tonia Merlo Lynn Andrew Chuck Morrison

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Akron	Innes MS	Marvin Conner Robin Clark Vanessa Roberts Kristy Campbell Terri Smith Annmarie Crofoot Beth Vincente Cheryl Arnold Tina Daniels Katheleen Policy Victoria Grimes Tony Gotto
Akron	Litchfield MS	Linda Tedesco Ryan Boyd Stephanie Leonardi Rachel Shaw Judith Moon Holly Brunswick Dorothy Lewis Jeff Lysiak Penny Pletikapich Jan Hanna
Akron	Miller South Visual Perf Arts MS	Linda Ward Adrienne Kalaitsides Julie Demangeont Wendy Duke Kathleen Buckley Amy Heffernan Nia Holmes Robert Marxen Tina Latimer Laura Feltman Lori Galambos Gloria Russo
Akron	National Inventor's Hall of Fame School	Felicia Campbell Jill Holcomb Sam Crews Rachandra Decatur Susan Hall Juwana Hardin Aaron Merz Karen Brandt Amanda Boyd Julienne Hogarth

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Akron	National Inventor's Hall of Fame School	Donna Wojcik Beth Bugner Brenda Leighton Katie Beal Katie Metcalf Diane Pancoe Perkins Pringle Carol Schweizer Christine Justiss Lesley Underwood Kim Shama-Hana
Akron	Roswell Kent MS	Cindy Young Joyce Dejournett Dan Roland Monica Sandstrom Steven Frantz Dolores Whaley Tiffany Lundy Judy Jansen Rob Green Tammy Goodpasture Brent Bircher Kristen Giaugue Mike Herhold Kris Johnson Dottie Colopy Patty Belcher Barb Greig Rose Farnsworth Laura Williams Kelly Weber George Roberts Cathy St Pierre
Bellbrook Canal	Bellbrook MS	
Winchester	Canal Winchester MS	Lisa Smith Greta Bryant Anne Callahan Steve Bocock Paul Horrigan Chandra Hinkle Bethany Truax Patricia Mariscal Shawn Cassidy

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Chesterland	West Geauga HS	Tom Booth Anna Laubscher Brian Spotts Mark Walton Don Tobul Mike Taurasi Mike Sustin Aly Ledman Natalie Cooper Kristin Gregory
Chillicothe	Bishop Flaget	Kara Norris Carrie Hill
Chillicothe	Zane Trace HS	Jason Clark
Cincinnati	Anderson HS	Louise Keep Jeff Rodriguez Justin Good Jeff Granger Krista Willertz Dave Brandon Emily Dorsey
Cincinnati	McNicholas	Laura Collier Jonathan Spurlock Deobrah Bonekamp Lauren Wulker Stephanie Morris Regina Goines
Cincinnati	St Thomas More	Scott Day Sharon Fryman Theresa Rein
Cincinnati	Turpin HS	Barry Riehle Carmen Venditto Corey Mullins Gayle Garza Erin Walker
Cleveland	Birchwood ES	Linda Brown Charles Debelak
Cleveland Hts	Beaumont School	Lauren Brandon Samiha Iskander Lynn Gadus Maria Iannucci Gretchen Santo Sandy Fletcher

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Columbia Station	Columbia HS	Allison Zsinko Kathi Maxwell Kristin Siebold Rebecca Karl
	Columbia MS	Adam Cletzer David Eliason
Columbus Grove Continental	St Anthony of Padua Continental HS	Deb Dulle Tammy Baker Marilyn Bohrer
Dayton	Bishop Leibold E & W Campus	Beth Allaire Roseann Place Joyce Kerschner Melissa Cox
Dayton	Carroll HS	Leann Poston Rob Bosticco Suz Levy Laurie Fuhr Kathy Keller Jeffrey Bohrer
Dayton	Chaminade Julienne	Brad Kassner Meg Draeger Bob Young Amanda Ooten Amy O'Loughlin
Defiance	Tinora HS	Elizabeth Maurer Jenifer McConaughy Jean Meyer
Defiance	Tinora JS	Brian Wonderly Lisa Maxwell
Delaware Fairborn	Buckeye Valley Local MS Baker MS	Ann Burkam Julie Savoy Wendy Schultz Zachary Amand Craig Macdonald Christopher Henson Susan Smith Jeff Barr Chuck Bechard Dawn Flake Virginia Knisley Beverly Stambaugh
Geneva	Geneva HS	Jessica George

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Geneva	Geneva HS	John Barbo Wendy Booth Eileen Dragon Dale Johnston Robert Lundin Jarrod Burgard
Huber Hts Lancaster	St Peter Fairfield Christian Academy	Dorothy Gutman Christopher Hawks Stacie Hopple
Liberty Twp	Mother Teresa Catholic	Karen Geiger Lauren Austin Amanda Ocariz
Miller City	Miller City HS	Deb Schimmoeller Darla Warnecke Dustin Pester Dave Leader Denny Mumaw
Miller City	Miller City HS	Toni Rieger Ryan Benroth Sharon Varner
N Canton	St Paul	Cynthia Rossman
Parma Hts	Incarnate Word Academy	Donna Meller
Pettisville	Pettisville HS	Paul Bishop
Pettisville		John Poulson
Plymouth	Shiloh MS	Matthew Anderson
Plymouth		Janelle Grube
Plymouth		Carolyn Bast
Poland	Holy Family	Jean Wargo Charlotte Eskay
Sidney	Lehman Catholic HS	Alan Schulze Ginny Scherer Tracy Hall
Sylvania	Toledo Islamic Academy	Amal Kanan Sadaf Sediqe Zabarjad Chaudhary Khadija Moiz Nailam Elkhechen
Tiffin	Columbian HS	Jeanette Marshall Corrina Waggy Kevin Roush
Toledo	Ottawa Hills HS	Kathy Singler Tim Adkins Mary Kate Hafemann Nicole Silvers

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Toledo	Ottawa Hills HS	Brandon Aigner Jeanine Bailey
Upper Sandusky West Unity	Upper Sandusky HS Hilltop HS	Teresa Harris Cristin Hagans Abbie Smith
Zanesville	Bishop Fenwick	Kristy Baum Kevin Lacey Carol Griffin Melaine Scheile Laureen Harmon Traci Vannorsdall Susan Swackhammer Karen McElhaney Abby Petrozzi David Eppley
Zoarville	Tuscarawas Valley MS	Sue Sciury Janet Cornell Cathy Whitehair

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