

**AKRON COUNCIL OF
ENGINEERING AND SCIENTIFIC SOCIETIES
61st ANNUAL
HONORS AND AWARDS BANQUET**



**Akron Council of Engineering
and Scientific Societies**

Incorporated 1946

www.ACCESSinc.org



IEEE



AIChE
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

ASCE
American Society of Civil Engineers



**Thursday, November 6, 2008
Guy's Party Center**



A special thanks to Bridgestone Firestone for their generous gift to support the activities of ACCESS!



ACCESS thanks....



- The University of Akron for providing office facilities at 411 Wolf Ledges Parkway, Akron, OH
and
- Solution Media for creating the ACCESS website - www.ACCESSinc.org

61st ANNUAL

ACCESS HONORS & AWARDS BANQUET PROGRAM

Guy's Party Center

November 6th, 2008

• <i>Welcome, Opening Remarks</i>	Mr Gregg Loesch President, ACCESS
• <i>America the Beautiful</i>	Gwen Eberts Green High School
Dinner	
• <i>Outstanding High School Student Science / Math Awards</i> <i>-Presentation of Certificates of Recognition to Outstanding Students from High Schools in Summit County</i>	-Certificates presented by Mr Gregg Loesch / Mr Robert Handlos -Winners announced by Ms Katrina Halasa & Dr Missi Zender-Sakach
• <i>Banquet Introductions</i> <i>-Honorary Banquet Chairman</i> <i>-ACCESS Advisory Council</i>	Mr Gregg Loesch -Mr Robert Handlos Bridgestone Firestone -ACCESS Advisory Council
• <i>Honors & Awards</i>	Mr Gregg Loesch
- <i>Best of Show Akron Science & Technology Expo Presented by Dr Anoop Krishen</i>	-Rachel Weibel Litchfield Middle School, Akron
- <i>Best of Show Western Reserve District Science Day Presented by Dr Anoop Krishen</i>	-Surat Tallamraju Solon High School, Solon
-ACCESS / Akron ACS Grant Awards -ACCESS / OMNOVA Grant Awards -ACCESS / OMNOVA Grant Awards -ACCESS Grant Awards <i>Presented by Dr Anoop Krishen</i>	-Johnna O'Neal, East High School - Steven Wood, N Canton Hoover High School -Bernie Caldwell, Lehman Middle School -John Guidubaldi, East High School -James Sicker, Canton Central Catholic High School -Andrew Brown, Crestwood High School -Denise Johnson, Lehman Middle School -Patricia Smoot Wicks, Buchtel High School -Cathy Corr, Terri Duesing, Crestwood High School
- <i>ACCESS Scholarship Award Presented by Dr Anoop Krishen</i>	-Kristy Waite, Kent State University
- <i>Bridgestone Firestone / ACCESS Scholarship Award Presented by Dr Anoop Krishen</i>	-Michael Clements, The University of Akron
- <i>The Satellite Girls - GLOBE Introduced by Ms Katrina Halasal</i>	-Julia Moyer -Elizabeth Price -Katelyn Jefferys -Ashley Falls
- <i>OMNOVA / ACCESS Scholarship Awards Presented by Dr Ray Weinert</i>	-Nicole Averell, The University of Akron -Haley Carman, The University of Akron
- <i>ACS Awards Presented by Dr David Perry, ACS</i>	-Anastasia Smith, Mt Union College -Raymond Gipson, Kent State University -James Ross, Hiram College -Kyle Henry, Malone College -Joseph Harp, The University of Akron -Mary Jo Kalasky, Walsh University
- <i>Distinguished Award of Council</i>	-Dr Nick Triantafillopoulos Director, Technology, OMNOVA Solutions Inc
• <i>Speaker Introduction</i> Modern Computer Gaming Computer Gamer	Mr Gregg Loesch Mr Eric "CyToG" Beavers
• <i>Closing Remarks</i>	Mr Gregg Loesch



**2008-2009
ACCESS OFFICERS**

President:	Gregg Loesch, PE ASCE	City of Akron
President-Elect	Ken Batchter, PhD ACM	KSU
Treasurer:	Michael Dowell, PhD ACS	Retired
Secretary:	Missi Zender-Sakach, PhD ACS	Summit County Educational Service Center
Executive Director:	Anoop Krishen, PhD ACS	Retired

ACCESS COMMITTEE CHAIRS

AUDIT Walt Ruthenburg, AIChE	EDUCATION Ken Batchter, PhD, ACM
BANQUET Mike Buza, ASME	HONORS & AWARDS Marian Rousek, ACS
COMMUNICATIONS Ken Batchter, PhD, ACM	STUDENT OUTREACH Daniel Jones, PhD, ACS, AIChE, SPE
COMMUNITY RELATIONS Brent Sisler, PE, ADSPE, ASME	STRATEGIC PLANNING Anoop Krishen, PhD, ACS

ACCESS DELEGATES

ACM: Ken Batchter, PhD, Delegate	ASHRAE: Anne Sosic, Chair Jim Slovan, Delegate Steve Piescuik, Delegate
ACS: David Perry, PhD, Chair Michael Dowell, PhD, Delegate Marian Rousek, Delegate	ASME: Mark Burrows, PE, Chair Mike Buza, Delegate James Parish, PE, Delegate
ADSPE: Gerard Neugebauer, PE, President Mark Elicker, PE, Delegate Dwayne Groll, PE, Delegate	ASSE: Howland Davis, President Scott Tritt, Delegate
AIChE: Tom Flynn, Chair Joe Feil, Delegate Walt Ruthenburg, Delegate	IEEE: Rob Voss, Chair Dennis Ledel, PE, Delegate Rick Buchanan, PE, Delegate
ASCE: Michael Cook, PE, President Gregg Loesch, PE, Delegate John Malivuk, PE, Delegate	SME: Bill Kessler, Chair Bill Marzich, PE, Delegate
SPE: Joe Mattingly, President Robert Wegelin, Delegate	

AKRON COUNCIL OF ENGINEERING AND SCIENTIFIC SOCIETIES (ACCESS)

The purpose of the Akron Council of Engineering and Scientific Societies (ACCESS) is to enhance the technical environment in the Greater Akron area through coordination and cooperation with technical societies, industry and academia by:

- Providing a forum for action on matters of concern and interest to the technical and scientific communities.
- Serving as a focal point for contact between the technical community and the business community, academia and society at large.
- Promoting inter-society communication, professional interchange of ideas and coordination of society activities.
- Promoting interest in and encouraging careers in technical professions.

ACCESS is a non-profit 501(c)(3) organization, incorporated under the laws of the State of Ohio, operating exclusively for scientific and educational purposes.

Societies eligible for council membership are professional technical organizations with acceptable ethical standards, which have, as their objectives, the advancement of the theory and practice of the science concerned. Societies include:

- Akron Section of the American Chemical Society (ACS)
- Akron District Society of Professional Engineers (ADSPE)
- Akron Section of the American Institute of Chemical Engineers (AIChE)
- Akron Section of the American Society of Mechanical Engineers (ASME)
- Akron Section of the Institute of Electrical and Electronic Engineers (IEEE)
- Akron-Canton Section of the American Society of Civil Engineers (ASCE)
- American Society of Heating, Refrigerating, & Air Conditioning Engineers (ASHRAE)
- American Society of Safety Engineers (ASSE)
- Association for Computing Machinery (ACM)
- Society of Manufacturing Engineers (SME)
- Society of Plastics Engineers (SPE)



2008-2009

ACCESS ADVISORY COUNCIL

• Dr Michael Askew	Hoyt Research Laboratory Summa Health System
• Mr Robert A Handelman	President Chemstress Consultant Company
• Dr Sharell Mikesell	Executive Director Ohio Polymer Strategy Council
• Dr George R Newkome	Vice President for Research The University of Akron
• Mr Clark G Reed	Chief Technologist Lockheed Martin Maritime Systems & Sensors
• Dr Nick Triantafillopoulos	Director, Technology OMNOVA Solutions Inc

The ACCESS Advisory Council consists of six or more business and/or technical leaders of the Greater Akron Area who are selected annually by the ACCESS President. The purpose of the Advisory Council is to act in an advisory capacity to the ACCESS Board of Directors.

Members of the Advisory Council are also available, as needed, to assist the ACCESS Board of Directors in the accomplishment of ACCESS objectives. The Board of Directors of ACCESS expresses thanks to the Advisory Council members for their time and assistance.



2008

ACCESS HONORS & AWARDS BANQUET COMMITTEE

• Robert W Handlos	Honorary Chair Vice President Product Development Bridgestone Firestone
• Ken Batcher, PhD, ACM	Kent State University
• Mike Buza, ASME	Committee Chair, Retired
• George Deisz, ACS	M&G Polymers USA, LLC
• Michael Dowell, PhD, ACS	Retired
• Joseph Feil, AIChE	Retired
• Katrina Halasa, ACS	Akron Public Schools
• Anoop Krishen, PhD, ACS	Retired
• Gregg Loesch, PE, ASCE	City of Akron
• Marian Rousek, ACS	M&G Polymers USA, LLC
• Brent Sisler, PE, ADSPE, ASME	The Babcock & Wilcox Company
• Missi Zender-Sakach, PhD, ACS	Summit County Educational Service Center



OUTSTANDING STUDENTS **from High Schools in Summit County**



Recognition is extended to the following math and science students from high schools in Summit County.

SCHOOL	STUDENTS
• <i>Buchtel High School, Akron</i>	-Sierra Avent -Mathu Davis
• <i>East High School, Akron</i>	-Laurel Homa -Dexter Collins
• <i>Ellet High School, Akron</i>	-Melissa Marmaduke -Cory Gravesmill
• <i>Firestone High School, Akron</i>	-Katherine Alkire -Mike Simonson
• <i>Garfield High School, Akron</i>	-Lyndsay Mitchen -David Graybeal
• <i>Kenmore High School, Akron</i>	-Shelby Torre -Tommy Myers
• <i>North High School, Akron</i>	-Kristen Oels -Josh Kane
• <i>Barberton High School, Akron</i>	-Kelcie Cuckler -Tyler Dubina
• <i>Copley-Fairlawn High School</i>	-Kristen Mattei -Dan Dressler
• <i>Coventry High School</i>	-Morgan Hayes -Jimmy Harrison
• <i>Cuyahoga Falls High School</i>	-Kara Brock -Justin Marimon
• <i>Green High School</i>	-Sara Schnabel -Dominic Holman
• <i>Hudson High School</i>	-Susan Xie -Nick Kelly
• <i>Manchester High School</i>	-Megan McElhaney -Joe Knaus
• <i>Mogadore High School</i>	-Julie Pittinger -Phil Everett
• <i>Nordonia Hills High School</i>	-Karen Kwong -Thomas Dooner
• <i>Norton High School</i>	-Jordan Reynolds
• <i>Revere High School</i>	-Sonia Midha -Enoch Kuo
• <i>Springfield High School</i>	-Kayla Crites -Ethan York
• <i>Stow-Munroe Falls High School</i>	-Allison Kolbe -Nathan Jose



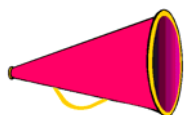
OUTSTANDING STUDENTS from High Schools in Summit County



(continued)

Recognition is extended to the following math and science students from high schools in Summit County.

SCHOOL	STUDENTS
• <i>Tallmadge High School</i>	-Derek Harden -Matt Thomas
• <i>Twinsburg High School</i>	-Erin Panczyk -Ben Andrews
• <i>Woodridge High School</i>	-Sara Turley -Brian Weiner
• <i>Archbishop Hoban High School</i>	-Taylor Rice -Michael Horth
• <i>Our Lady of the Elms High School</i>	-Megan Cook -Colleen Waickman
• <i>Walsh Jesuit High School</i>	-Katie Snyder -Colin Haag
• <i>St Vincent St Mary High School</i>	-Elizabeth Tristano -Daylen Harrison



SCIENCE FAIR WINNERS

Best of Show Akron Science & Technology Expo

Rachel Weibel won the ACCESS Award for the outstanding project at the Akron Science & Technology Expo held at the North High School on February 23, 2008. The title of her project was “The Secrets of Sanitation (Reducing Bacteria Growth)”. Rachel is currently in the 8th grade at Litchfield Middle School in Akron, Ohio. Her science advisor was Mrs Carol Hendrickson.

Best of Show 60th Western Reserve District 5 Science Day

Surat Tallamraju won the ACCESS Award for the outstanding project at the 60th Western Reserve District 5 Science Day held at The University of Akron on March 15, 2008. The title of his project was “Extracting Oil from Algae: A Study of Variables affecting Oil Concentration”. Surat is currently in the 11th grade at Solon High School in Solon, Ohio. His science advisor was Mr Jeffrey Grimm.



ACCESS GRANT AWARD WINNERS

ACCESS recognizes the need for students to carry out experiments and projects to further math or science education at their school. One-time grants of \$500 are being awarded to seven winners based on their grant applications.

<u>Engineering and Science Endeavor</u>		
Sponsored by OMNOVA		
Steven Wood		N Canton Hoover High School
<u>CWRU Lego Robotics Competition</u>		
John Guidubaldi		East High School
<u>2009 Envirothon</u>		
Sponsored by Akron Section American Chemical Society		
Johnna O'Neal		East High School
<u>Hydroponics: Growing with the Flow</u>		
Sponsored by OMNOVA		
Bernie Caldwell		Lehman Middle School
<u>Van de Graaff</u>		
James Sicker		Canton Central Catholic High School
<u>A River Runs Through Us</u>		
Andrew Brown		Crestwood High School
<u>A Day at Sippo Lake</u>		
Denise Johnson		Lehman Middle School
<u>Get your Feet Wet with Scientific Inquiry – A Water Lab Experience</u>		
Patricia Smoot Wicks		Buchtel High School
<u>CMS Science Nightly: See It, Do It, Take It</u>		
Cathy Corr & Terri Duesing		Crestwood High School



ACCESS SCHOLARSHIP AWARD WINNER

One \$1,000 scholarship is awarded each year to a deserving student at either The University of Akron or Kent State University. To be eligible, the student must be a junior and working toward a four-year degree in a technical area that is related to at least one of the areas represented by ACCESS member societies.

Kent State University		
Kristy Waite		
Biochemistry		

BRIDGESTONE FIRESTONE / ACESS SCHOLARSHIP AWARD WINNER

One \$1,000 scholarship is awarded this year to a student at The University of Akron.

Michael Clements, Civil Engineering

OMNOVA / ACESS SCHOLARSHIP AWARD WINNERS

Two \$1,500 scholarships are awarded this year to students at The University of Akron.



Nicole Averell, Chemical Engineering
Haley Carman, Engineering



ACS AWARD WINNERS



Each year the Akron Section of the American Chemical Society (ACS) provides six \$500 awards to students in nearby colleges and universities. This year's winners are:

Mt Union College

Anastasia Smith Dr Scott Mason, Advisor

Kent State University

Raymond Gipson Dr Paul Sampson, Dr Alex Seed, Advisor

Hiram College

James Ross Dr John Andrews, Advisor

Malone College

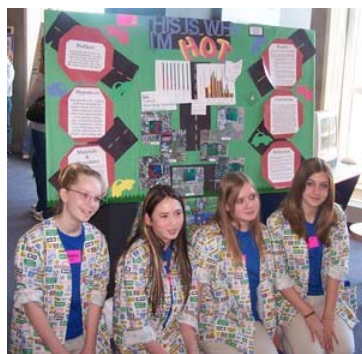
Kyle Henry Dr Jeff Goff, Advisor

The University of Akron

Joseph Harp Dr Claire Tessier, Advisor

Walsh University

Mary Jo Kalasky Dr Nisreen Nusair, Advisor



THE "SATELLITE GIRLS" FROM AKRON, OHIO

The "Satellite Girls", Elizabeth Price, Ashley Falls, Katelyn Jefferys, and Julia Moyer, from Roswell Kent Middle School were selected as one of five winning US teams to present their research at the GLOBE Learning Expedition in Cape Town, South Africa in June 2008. Their science project, "This is Why I'm Hot", showed comparisons of temperature measurements using an Infrared Thermometer in cities throughout Ohio. Their science teacher was Steve Frantz.



THE DISTINGUISHED AWARD OF COUNCIL

The Distinguished Award of Council is presented annually to an outstanding citizen for his/her technical and managerial achievements and involvement in civic activities. The 2008 recipient of this award is Dr Nick Triantafillopoulos, Director, Technology, OMNOVA Solutions Inc.

Dr Triantafillopoulos is responsible for front-end innovation and management of technology resources. He works closely with sales and marketing teams, as well as customers, to define new product platforms and step-out products, while driving new product commercialization.



Dr Triantafillopoulos earned his BSE (1981) and MS (1985) in Paper Engineering from Western Michigan U (WMU) and his PhD from the Institute of Paper Science & Technology, Atlanta, GA (1992), in fluid dynamics and non-Newtonian fluid rheology. He is an expert in thin-film mechanics, coating processes, and dispersion rheology. He has authored/co-authored four books/book chapters and over 65 papers, and has given numerous invited presentations and tutorials worldwide on coating processes, coating defects and rheology. He is a technical editor of the Technical Association of the Pulp & Paper Industry (*TAPPI Journal*) and serves in the editorial staff of *Applied Rheology*.

Dr Triantafillopoulos has been a lecturer and PhD advisor at several universities in the US and Scandinavia, and has adjunct faculty appointments in ChE at WMU and U of Maine. He became a TAPPI Fellow in 2006 and has been recognized with OMNOVA's Eagle of Excellence, American Forest Products Association's Olmsted and TAPPI Coating & Graphic Arts Technical Award.

He serves in the board of OMNOVA Foundation - which distributes \$1.1 million annually in Education grants, the TAPPI Coating & Graphic Arts Council and the Advisory Board of ACCESS.



THE HONORARY BANQUET CHAIRMAN

Robert W. (Bob) Handlos is Vice President, Product Development for Bridgestone Firestone North American Tire, LLC. Bob has been with Bridgestone Firestone since 1984 and has a total of 29 years experience in the tire and rubber industry. He has a Bachelors of Science degree in Chemical Engineering from the University of Pittsburgh and a Masters in Business Administration from Kent State University.

Bob is an advocate of education, especially public education, including a six year stint on the Lake Local Board of Education, of which he served as President of the Board for three years. He is also a member of the Bridgestone Firestone Trust Fund Committee, the Akron Urban League Board of Trustees, Northern Ohio Golf Charities Foundation Board, and Leadership Akron.



BANQUET SPEAKER

MR ERIC “CyToG” BEAVERS

“Modern Computer Gaming”

Eric Beavers, or just Cytog, as he is known in a plethora of online communities, is a Computer Gamer. LAN parties are where you will most often find him along with many other gamers.

What is a LAN party? LAN stands for Local Area Network. A LAN party is a gathering, often spontaneous, of gamers who connect their computers together to form a network and play multiplayer games against and with each other. These events are a world wide phenomenon ranging in size from small parties in a

person's house to massive parties at major convention centers. Computer enthusiasts and Pro Gamers thrive at these events, often building their own computers from scratch for the top performance and the most attention getting wow factor. On any given weekend, Eric packs up his computer and travels to one of these events to compete and have fun.



When he is not out on digital battlefields, slaying digital dragons, or racing digital cars through virtual cities, Eric works for Aleris International, Rolled Aluminum Products in Uhrichsville, Ohio as an Electrical Engineering Technician. Having worked with Aleris for two years, his days are filled with control system design, testing, installation, and repair. He is a certified CompTIA A+ computer technician and holds a Bachelors Degree of Technology from Kent State University. Outside of work (and when not gaming), Eric enjoys Cycling, Swimming, Fishing, Camping, and Traveling Internationally.



(PS: To any students considering a future career in Engineering, Eric highly recommends it as a good life choice and rewarding experience!)



ACCESS PAST PRESIDENTS

During the years since its founding in 1946, ACCESS has been fortunate in having had many good men and women serve as president. We thank the following individuals for giving of their time and energy to help, maintain, and guide the Council. A list of Presidents since 1980 includes:

1980	Anoop Krishen, ACS
1981	William Budd, AIChE
1982	William Budd, AIChE
1983	Richard L Buchanan, IEEE
1984	Marian M Rousek, ACS
1985	Raymond D Gates, ACS
1986	Joseph N Feil, AIChE
1987	Gene C White, ASQC
1988	Thomas Knupp, AIHA
1989	Nils E Nilsson, ADSPE
1990	Gary R Lanier, IEEE
1991	Daniel Gleghorn, AIHA
1992	Rob Ludlum, IEEE
1993	Kenneth Batchner, ACM
1994	Jeffrey Bechtel, IIE
1995	Thomas Bute, ASSE
1996	Gary R Lanier, IEEE
1997	Michael J Buza, ASME
1998	Paul Keck, IEEE
1999	Rick L Buchanan, ADSPE
2000	Rick L Buchanan, ADSPE
2001	Michael J Buza, ASME
2002	Michael S Powers, ASME
2002	E Charles Galloway, ACS
2003	Anoop Krishen, ACS
2004	Dan Jones, ACS, AIChE, SPE
2005	Brent Sisler, PE, ADSPE, ASME
2006	Dan Jones, ACS, AIChE, SPE
2007	Gregg Loesch, PE, ASCE





ACCESS AWARD WINNERS

The Distinguished Award of Council is presented to an outstanding Akron area citizen and the ACCESS Award to an individual who has made exceptional contributions to ACCESS. Past winners of these two prestigious awards since 1980 are listed:

Distinguished Award of Council	Year	ACCESS Award
Dr Robert J Fawcett	1980	Mr Renato Ciccolini
Mr Robert O Lankenau	1981	Mr Clifton A Byers
Mr John H Gerstenmaier	1982	Mr John Kekela Mr Walter J Ruthenburg
Mr Delmer C Dague	1983	Mr Durward T Roberts
Dr Charles P Radar	1984	Mr William Budd
Mr Robert A Handelman	1985	Mr Rick L Buchanan
Mr F Vincent Prus	1986	Ms Marian M Rousek
Dr Louis A Hill, Jr	1987	Dr Anoop Krishen
Mr Tom H Barrett	1988	
Mr Edwin W Oldham	1989	Dr Raymond D Gates
Dr Joginder Lal	1990	Mr Marshall P Hyden
Dr Russell A Livigni	1991	Mr Joseph N Feil
Dr Edwin J C Sobey	1992	Mr Thomas W Knupp
Dr Adel F Halasa	1993	
Dr Krishna C Baranwal	1994	Mr Gary Lanier
Dr Frank N Kelley	1995	Mr Dan Gleghorn
Dr Sundar Aggarwal	1996	Mr Thomas Bute
Mr William R Holland	1997	Dr Kenneth E Batcher
Mr David L Yeager	1998	Mr Michael J Buza
Dr E Charles Galloway	1999	Ms Ruth Murray
Dr Luis M Proenza	2000	
Dr Kathleen Sparrow	2001	
Mr William J Bandy, Jr	2002	
Mr Thomas C Sawyer	2003	Dr E Charles Galloway
Mayor Donald L Plusquellic	2004	Ms Jan Ruthenburg
Mr George J Sacco, Jr	2005	Dr Daniel H Jones
Dr George Newkome	2006	
Dr A R (Raj) Chowdhury	2007	Mr Brent Sisler





OMNOVA Solutions Foundation's (OSF) highest priority is education. OSF wants to help motivate our future leaders and workers to gain the desire, knowledge and work-readiness skills required for corporations like theirs. The Foundation offers two \$1500 scholarships and two \$500 teacher grants.



The Bridgestone Firestone Trust Fund is pleased to support ACESS in their efforts to promote careers in science and engineering. The Trust Fund offers one \$1,000 scholarship.

**The Akron Council of Engineering & Scientific Societies
gratefully acknowledges the financial support
of the following organizations:**



**Akrochem Corporation
Akron Section American Chemical Society
Akron Section American Society of Civil Engineers
Akron Section American Society of Mechanical Engineers
Akron Section Institute of Electrical & Electronic Engineers
Akron Section Society of Plastics Engineers
The Babcock & Wilcox Company
Bridgestone Firestone Trust Fund
Chemstress Consultant Company
Eagle Elastomer
Exxon Mobil – Advanced Elastomer Systems, LP
FirstEnergy Foundation
Hottle and Associates
Lockheed Martin Maritime Systems & Sensors
M&G Polymers USA, LLC
OMNOVA Solutions Foundation
Summa Health Systems**

