## AKRON COUNCIL OF ENGINEERING AND SCIENTIFIC SOCIETIES 59th ANNUAL

## HONORS AND AWARDS BANQUET -

























■ Thursday, November 2, 2006 Guy's Party Center



## The Babcock & Wilcox Company

Generating Powerful Solutions™

A special thanks to The Babcock & Wilcox Company for their generous gift honoring the school science teachers, principals and outstanding Math/Science students!





The Goodyear Tire & Rubber Company, the world's largest tire company, is proud to be a strong supporter of ACESS and its mission. In recognition of the importance of education in the engineering and science fields, Goodyear is sponsoring two \$1,500 scholarships during the current school year.



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.

# 59<sup>th</sup> ANNUAL ACESS HONORS & AWARDS BANQUET PROGRAM Guy's Party Center November 2<sup>nd</sup>, 2006

Welcome, Opening Remarks	Dr Daniel H Jones
The National Anthem	President, ACESS Ta Rodd White
Dinner	Ta Rodd Wille
Outstanding High School	-Certificates presented by
Student & Teacher Awards	Dr Daniel H Jones / Mr Don Langley
Student & Teacher Awards	Di Danier i i 30nes / Wii Don Langley
-Presentation of Certificates of Recognition to	-Winners announced by
Outstanding Students & Teachers from High	Katrina Halasa
Schools and Middle Schools in Summit County	& Dr Missi Zender
Banquet Introductions	Dr Daniel H Jones
-Honorary Banquet Chairman	-Mr Don Langley
ACECC Advisory Coursell	The Babcock & Wilcox Company
-ACESS Advisory Council	-ACESS Advisory Council
Honors & Awards	Dr Jones / Mr Sisler / Mr Loesch
-Best of Show Akron Science & Technology Expo	-Ryan Brosnahan & Justin Perry Firestone High School, Akron
-Best of Show Western Reserve District Science Day	-Alexandria Sadasivan
Book of Ghow Wooden Record Bloanet Goldhoo Bay	Incarnate Word Academy, Parma Hts
-ACESS Grant Awards	-Betty Indriolo, St Sebastian Elementary School
-ACESS Grant Awards	-Jeff Funk, Ryan Durr, Chamberlin Middle School
	-Ryan Durr, Chamberlin Middle School
	-Heather VanOrman, Kimpton Middle School
	-Cristina Jones, Our Lady of the Elms Middle School
	-David Ternent, Kimpton Middle School
	-Jim Brown, Kimpton Middle School
-ACESS Scholarship Awards	-Carmen Cerino, Jr, The University of Akron
	-Jeffrey A Bertke, Kent State University
-Goodyear / ACESS Scholarship Awards	-Suady Villaga, Kent State University
-Goodyear / ACESS Scholarship Awards	-Kassandra Oglesby, The University of Akron
-OMNOVA / ACESS Scholarship Awards	-Jeffrey Andrasik, The University of Akron
	-Eric McClanahan, The University of Akron
-ACS Awards	-Keith Miller, Mt Union College
	-Matthew Bailey, Kent State University
	-Brian Graham, Hiram College
	-Jessica Johnson, Malone College
	-Christopher Belock, The University of Akron
-Distinguished Award of Council	-Dr George R Newkome
	Professor, Dept of Polymer Science & Technology
	Vice President for Research, Dean Graduate School The University of Akron
Speaker Introduction	Dr Daniel H Jones
People you meet when trying to DO Mathe	ematics Dr Joe Diestel
Professor, Department of Mathematical Sc	
Closing Remarks	Dr Daniel H Jones



## 2006-2007 ACESS OFFICERS

President:	Dan Jones, PhD ACS, AIChE, SPE	Lockheed Martin Maritime Systems & Sensors
President Elect:	Greg Loesch, PE ASCE	City of Akron
Treasurer:	Joseph Feil AIChE	Retired
Secretary:	Ruth Murray ACS	Retired
Past President:  Brent Sisler, PE ADSPE, ASME  The Babcock & Wilco		The Babcock & Wilcox Co

## **ACESS COMMITTEE CHAIRS**

<u>AUDIT</u>	EDUCATION
Walt Ruthenburg, AIChE	Ken Batcher, PhD, ACM
BANQUET	HONORS & AWARDS
Mike Buza, ASME	Marian Rousek, ACS
<u>COMMUNICATIONS</u>	STUDENT OUTREACH
COMMUNICATIONS  Ken Batcher, PhD, ACM	STUDENT OUTREACH Daniel Jones, PhD, ACS, AIChE, SPE

## **ACESS DELEGATES**

ACM: Ken Batcher, PhD, Delegate	ASHRAE: Anne Sosic, Chair Jim Slovan, Delegate Steve Piescuik, Delegate
ACS: Daryl Stein, Chair Anoop Krishen, PhD, Delegate Marian Rousek, Delegate	ASME: Brent Sisler, PE, Chair Mike Buza, Delegate James Parish, Delegate
ADSPE: Clifford Greive, PE, Pres Mark Elicker, PE, Delegate Dwayne Groll, PE, Delegate	ASSE: Dan Gleghorn, President Howland Davis, Delegate Curt Corsello, Delegate
AIChE: Tom Flynn, Chair Joe Feil, Delegate Walt Ruthenburg, Delegate	IEEE: Rob Voss, Chair Dennis Ledel, Delegate Rick Buchanan, PE, Delegate
ASCE: Genny Hanna, President Gregg Loesch, PE, Delegate John Malivuk, Delegate	SME: Bill Kessler, Chair Bill Marzich, PE, Delegate
SPE: John Woo Joe Mattingly, Delegate	dside, President Lloyd Goettler, PhD, Delegate



## AKRON COUNCIL ENGINEERING AND SCIENTIFIC SOCIETIES (ACESS)

The purpose of the Akron Council of Engineering and Scientific Societies (ACESS) 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.

ACESS 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)



## 2006-2007 ACESS ADVISORY COUNCIL

Dr Michael Askew	Hoyt Research Laboratory
- Di Michael Askew	Summa Health System
Dr Raj Chowdhury	Dean, College of Technology
• Di Raj Cilowaliury	Kent State University
Mr Robert A Handelman	President
- Wil Robert A Handelman	Chemstress Consultant Company
Dr Sharell Mikesell	Executive Director
• Di Shareli Mikeseli	Ohio Polymer Strategy Council
• Dr Coorgo P Nowkomo	Vice President for Research
<ul> <li>Dr George R Newkome</li> </ul>	The University of Akron
Mr Clark G Reed	Director, Technical Operations
• Wil Clark G Reed	Lockheed Martin Maritime Systems & Sensors
• Dr Parry Pasanhaum	Senior Fellow
Dr Barry Rosenbaum	The University of Akron Research Foundation
• Dr Niek Trientofilleneules	Director, Akron Technology Center
<ul> <li>Dr Nick Triantafillopoulos</li> </ul>	OMNOVA Solutions, Inc
	Director, Human Resources
<ul> <li>Mr Kim L Whiteman</li> </ul>	Global RD&E & Corporate Services
	The Goodyear Tire & Rubber Company

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

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

## 2006 ACESS HONORS & AWARDS BANQUET COMMITTEE

Don Langley	Honorary Chair Vice President and Chief Technology Officer
	The Babcock & Wilcox Company
<ul> <li>Mike Buza, ASME</li> </ul>	Committee Chair, Retired
George Deisz, ACS	M&G Polymers USA, LLC
<ul> <li>Joseph Feil, AlChE</li> </ul>	Retired
<ul> <li>Dan Jones, PhD, ACS, AIChE, SPE</li> </ul>	Lockheed Martin Maritime Systems & Sensors
<ul> <li>Anoop Krishen, PhD, ACS</li> </ul>	Retired
Greg Loesch, PE, ASCE	City of Akron
<ul> <li>Ruth Murray, ACS</li> </ul>	Retired
<ul> <li>Marian Rousek, ACS</li> </ul>	M&G Polymers USA, LLC
Brent Sisler, PE, ADSPE, ASME	The Babcock & Wilcox Company



## OUTSTANDING STUDENTS & TEACHERS from High Schools in Summit County



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

SCHOOL	TEACHER	STUDENTS
<ul> <li>Buchtel High School, Akron</li> </ul>	-Peggy Tran	-Kimberly Miller
		-Diamond Shelton
<ul> <li>Central Hower High School, Akron</li> </ul>		-Whitney Beasley
		-Holly Wickwire
<ul> <li>East High School, Akron</li> </ul>	-Charles Armstrong	-Jalisha Lancaster
	<u> </u>	-Cameron Armstrong
• East High School, Akron	-Fred Weiss	-Dory Reedy
Tech Prep Engineering		-Jonathan Conklin
<ul> <li>Ellet High School, Akron</li> </ul>	-Joseph Bomba	-Angela Sulak
		-Bryan Minrovic
<ul> <li>Firestone High School, Akron</li> </ul>	-Paul Fisher	-Sara Stoneburg
		-Justin Perry
<ul> <li>Firestone High School, Akron</li> </ul>	-Dan Spak	-Janay West
Project Lead the Way		-Brett Spangler
<ul> <li>Garfield High School, Akron</li> </ul>	-Robert Sax	-Ann Hershey
		-Robert Mosher
<ul> <li>Garfield High School, Akron</li> </ul>	-Steven Carter	-Jessica Warner
Project Lead the Way		-Greg Stokes
<ul> <li>Kenmore High School, Akron</li> </ul>	-Kim Goffee	-Jessica Logsdon
		-Michael Firtha
<ul> <li>North High School, Akron</li> </ul>	-Paula Peyak	-Benjamin Garn
		-Gerald Morton
<ul> <li>Barberton High School, Akron</li> </ul>	-Don Sobnosky	-Meredith Lowry
		-Jeremy Booth
Copley High School	-Connie Kosanovich	-Chen Yan
		-Robert Makishi
<ul> <li>Coventry High School</li> </ul>	-Mary Ann Phillips	-Desiree Gaikoski
		-lan Head
<ul> <li>Cuyahoga Falls High School</li> </ul>	-Scott Wilson	-Jessica Robb
		-Darius Mousavi
Green High School	-Matt Ohlson	-Amanda Bortz
		-Alan McCausland
Manchester High School	-Jack Wilkin	-Josh Ferry
		-Sagar Patel
Mogadore High School	-Jerry Vydra	-Jamie Cordier
		-Timothy Shuman
Nordonia Hills High School	-George Curcic	-Beth Andrasik
<u>-</u>		-Derek Reichel
Norton High School	-Terry Sample	-Tessa Villers
		-Ryan Slezak



## **OUTSTANDING STUDENTS & TEACHERS** <u>from High Schools in Summit County</u> (continued)



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

SCHOOL	TEACHER	STUDENTS
Portage Lakes Career Center	-George Garman	-Lindsey Branham -Gerald Vance III
Revere High School	-Gene Sawan	-Katherine Erickson -Michael Smith
Springfield High School	-Carrie Salmon	-Angela Spano -Steven Honeck
Stow-Munroe Falls High School	-Cory Baddorf	-Lauren Wehry -Joseph Carlson
Tallmadge High School	-Dee Kemp	-Abigail Ingersol -Andrew Tuesday
Twinsburg High School	-Paul Worsencroft	-Jacklyn Peters -Frank Hu
Woodridge High School	-Rich Ettinger	-Marissa Tousley -Randy Jackson
Archbishop Hoban High School	-Edward Libbers	-Amelia Landenberger -Kevin Buehrle
Our Lady of the Elms High School	-Harold Darkow	-Jennifer Smith -Katherine Smith
• St Vincent – St Mary High School	-Joanna Beyeler	-Michelle Hetson -Theodore Zarembka
Walsh Jesuit High School	-Mary Truax	-Graysen Petersen-Fitts -Nickolas Pollock



## **OUTSTANDING TEACHERS** from Middle Schools in Summit County



Recognition is extended to the following science teachers from middle schools in Summit County.

SCHOOL	TEACHER
Goodrich Middle School, Akron	-Patricia Falls
Goodyear Middle School, Akron	-Kathy Banta
Hyre Middle School, Akron	-Denice Taylor
• Innes Middle School, Akron	-Terri Smith
• Jennings Middle School, Akron	-Dawn Harper



## **OUTSTANDING TEACHERS** from Middle Schools in Summit County



(continued)	
SCHOOL	TEACHER
<ul> <li>Kent Middle School, Akron</li> </ul>	-Susan Godard
<ul> <li>Litchfield Middle School, Akron</li> </ul>	-Sara Lynn Bender
Miller South Middle School, Akron	-Beth Whitacre
Perkins Middle School, Akron	-Stacy Beck
Riedinger Middle School, Akron	-John Short
Bolich Middle School, Cuyahoga Falls	-Wendy Carroll
Chamberlin Middle School, Twinsburg	-Julie Thompson
Copley-Fairlawn Middle School	-Windy Lewis
Coventry Junior High School	-Jason Shaw
• Erwine Middle School, Coventry	-Bill Burley
Green Middle School	-Cheryl Dimengo
<ul> <li>Highland Middle School, Barberton</li> </ul>	-David Kaser
Hudson Middle School	-Janet Morash
<ul> <li>Kimpton Middle School, Stow-Munroe Falls</li> </ul>	-Jill Bartek
Manchester Middle School	-Fred Johnson
Nordonia Hills Middle School	-Anne Berardinelli
Norton Middle School	-Joyce Soranno
Revere Middle School, Richfield	-Tom Bent
<ul> <li>Roberts Middle School, Cuyahoga Falls</li> </ul>	-Marlene Osborn
<ul> <li>Spring Hill Junior High School, Springfield</li> </ul>	-Tom Fleming
Tallmadge Middle School	-John Gergely
U L Light Middle School, Barberton	-Theresa Dickerson
Annunciation – St John School	-Monica Thornton
Holy Family School	-Chrissie Booker
Immaculate Heart of Mary School	-Bob Hardesty
North Akron Catholic School	-Mary McCreary
Our Lady of the Elms Elementary School	-Cristina Jones
Seton Catholic School	-Carl Dannemiller
St Anthony School	-Amelia Mohan
St Augustine School	-Stephen Luchka
St Francis de Sales School	-Karen Marks
St Hilary School	-Karen Alestock
St Mary School	-Peg Hill
St Matthew School	-Kent Glaus
St Paul School	-Sarah Mizak
St Sebastian Elementary School	-Troy Fogle
St Vincent School	-Mary Benzie



#### **SCIENCE FAIR WINNERS**

### **Best of Show Akron Science & Technology Expo**

Ryan Brosnahan and Justin Perry won the ACESS Award for the outstanding project at the Akron Science & Technology Expo held at the Akron Central Hower High School on February 25, 2006. The title of their project was "Biodiesel Production by Transesterification using Native and Solublized Lipase Enzyme". Ryan and Justin are currently in the 12<sup>th</sup> grade at Firestone High School in Akron, Ohio. Their science advisor was Ms Dianne Williams.

## Best of Show 57<sup>th</sup> Western Reserve District 5 Science Day

Alexandria Sadasivan won the ACESS Award for the outstanding project at the 57<sup>th</sup> Western Reserve District 5 Science Day held at The University of Akron on March 18, 2006. The title of her project was "The Sanitary Napkin Absorbency Winner Is...". Alexandria is currently in the 9<sup>th</sup> grade at Incarnate Word Academy in Parma Heights, Ohio. Her science advisor was Ms Gail Moran.

## ACESS SCHOLARSHIP AWARD WINNERS

Two \$1,000 scholarships are awarded each year, one each to a student of The University of Akron and to a student of 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 ACESS member societies.

### The University of Akron

Carmen Cerini, Jr Computer Science

#### **Kent State University**

Jeffrey A Bertke Chemistry



## **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
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Keith Miller Dr S

Dr Scott Mason, Advisor

#### **Kent State University**

Matthew Bailey Advisor

#### **Hiram College**

Brian Graham Dr Colleen Fried, Advisor

#### Malone College

Jessica Johnson Dr Jeff (

Dr Jeff Goff, Advisor

#### The University of Akron

Christopher Belock Dr Bill Donovan, Advisor



### **ACESS GRANT AWARD WINNERS**

ACESS 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>Polymer Properties & Problem Solving</u> – Bridgestone-Firestone Trust Fund Grant Betty Indriolo St Sebastian School

#### **DNA Lab Activity**

Jeff Funk & Ryan Durr

Chamberlin Middle School

#### **Genome Project**

Ryan Durr

Chamberlin Middle School

#### What is Density? - Akron Section American Chemical Society Grant

Heather Van Orman

Kimpton Middle School

#### **Understanding Light and Sound**

Cristina Jones

Our Lady of the Elms Middle School

#### Force and Motion - Bridgestone-Firestone Trust Fund Grant

**David Ternent** 

Kimpton Middle School

#### Rockets

Jim Brown

Kimpton Middle School

#### **GOODYEAR / ACESS SCHOLARSHIP AWARD WINNERS**

Two \$1,500 scholarships are awarded each year. One is awarded to a minority student in Engineering at The University of Akron. Another one is awarded to a minority student in Computer Science at Kent State University.

The University of Akron	Kasandra Oglesby, Mechanical Engineering
Kent State University	Suady Villaga, Computer Science

#### OMNOVA / ACESS SCHOLARSHIP AWARD WINNERS



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

Jeffrey Andrasik, Mechanical Polymer Engineering Eric McClanahan, Chemical Engineering

#### THE DISTINGUISHED AWARD OF COUNCIL

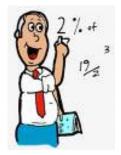
The Distinguished Award of Council is presented annually to an outstanding citizen for his/her technical and managerial achievements and involvement in civic activities. The 2006 recipient of this award is Dr George R Newkome.

George R Newkome received his BS and PhD in Chemistry from Kent State University in 1966. He was a postdoctoral fellow at Princeton University before joining Louisiana State University in 1968; he become full professor in 1978 and Distinguished Research Master in 1982. In 1986, he joined the faculty of University of South Florida (as well as Vice President for Research) and became Distinguished Research Professor in 1992.



In 2001, Dr Newkome became the Oelschlager Professor of Science & Technology at the University of Akron, where he is also Professor in the Departments of Polymer Science and Chemistry, Vice President for Research and Dean, Graduate School. He is also the President and CEO of the University of Akron Research Foundation. He is a Fellow of the American Association for the Advancement of Science and a Member of the Royal Society of Chemistry. Dr Newkome has published over 400 papers (30 in 2004-2006), 43 patents, and edited and written over 15 books and monographs. The focus of Professor Newkome's research is on supra(macro)-molecular chemistry,

molecular assemblies (dendritic and fractal constructs), nanochemistry, inorganicorganic interfaces, molecular inclusion chemistry, molecular electronic, and photonics.



#### **BANQUET SPEAKER**

# DR JOE DIESTEL "People you meet when trying to DO Mathematics"

Dr Joe Diestel is a Professor in the Department of Mathematical Sciences at Kent State University. In September, he celebrated his 35<sup>th</sup> anniversary at Kent State University.

Born in Westbury, Long Island, he obtained his PhD degree from The Catholic University of America in 1968, under the guidance of Professor Witold Bogdanowicz. It was through Dr Bogdanowicz that he inherited his Mathematical Polish heritage. Dr Diestel is the great-grandson of Stefan Banach! Stefan Banach was an eminent Polish/Ukranian mathematical genius who founded the important modern mathematical field of functional analysis and made major contributions to the theory of topological vector spaces (Banach spaces). In addition, he contributed to measure theory, integration, and the theory of sets and orthogonal series.

Dr Diestel claims that his earliest days were spent luxuriating in the dreams of playing baseball; although, his playing days are long gone now. After those dreams were proven to be unrealistic,



he pursued his living by trying to do mathematics. His good fortunes, both in and out of mathematics, have been rewarded with four natural children, six natural grandchildren, twenty-four mathematical children.....with more on the way!



Dr Diestel still loves baseball. He still loves to DO mathematics! And he often can be found in the wilds of Africa, wrestling lions and getting piggy back rides from giraffes.....don't believe him.....let him show you his pictures!

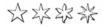




## **ACESS PAST PRESIDENTS**

During the years since its founding in 1946, ACESS 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, AlChE		
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 Batcher, 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		
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## **ACESS AWARD WINNERS**

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

Distinguished Award of Council	Year	ACESS 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



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



**Advanced Elastomer Systems, LP Akrochem Corporation Akron-Canton Section American Society of Civil Engineers Akron Section American Chemical Society Akron Section American Institute of Chemical Engineers Akron Section Institute of Electrical & Electronic Engineers** The Babcock & Wilcox Company **Bridgestone Firestone Trust Fund Chemstress Consultant Company** FirstEnergy Foundation The Goodyear Tire & Rubber Company **Hottle and Associates Lockheed Martin Maritime Systems & Sensors** M&G Polymers USA, LLC **OMNOVA Solutions Foundation Society of Plastics Engineers** 

