



# BRINGING SCIENCE TO LIFE

2008 Annual Report



## LETTER FROM THE PRESIDENT



**Dr. Gerard J. Putz**  
President & Co-Founder

Over the past two decades, Science Olympiad has become the largest and most prestigious team science, technology, engineering and math competition in the United States, providing recognition for academic excellence and millions of dollars in scholarships and awards to deserving students nationwide. The pinnacle of the Science Olympiad year is the National Tournament, and we were honored to have The George Washington University in Washington, DC, as our host, in 2008.

In the past year, we've again increased our membership, added three state organizations in Hawaii, Maryland and New Hampshire, improved our Alumni outreach, and instituted new programs designed to bring new teams into the fold. The Science Olympiad Urban Schools Initiative, which piloted in Chicago in 2007, combines the efforts of universities, museums and state Science Olympiad organizations to encourage and support minority involvement in informal science education. Science in the City, an urban science outreach program, featured the Science Olympiad Straw Tower Challenge in all 604 K-12 Chicago Public Schools and served more than 5,000 members of the Chicago community. We also invested in scientific technology for our regional and state competitions, and unveiled a new national web site and e-commerce system in

Building and Breaking Towers



With Mayor Daley at  
Chicago Science in The City 2007



the summer of 2008. Finally, we continue our focus on professional development opportunities for science teachers, including state-hosted Science Olympiad workshops, dedicated sessions at national conferences, and the national Science Olympiad Summer Institute.

The entire Science Olympiad program would not be possible without the hard work, collaboration and teamwork demonstrated by one of the finest volunteer organizations in the country. These educators and advocates ensure that Science Olympiad maintains its leadership and integrity as an independent, educator-founded, standards-based program with student-centered learning as the primary goal. The framework of providing challenging content in a competitive setting keeps Science Olympiad fresh, exciting and continually attractive to schools around the US that want to provide an extracurricular activity with the same rewards, joy and achievement of athletics.

It is with great pride that I share this Annual Report for 2008 with you.

A handwritten signature in black ink that reads 'Gerard J. Putz'.

**Dr. Gerard J. Putz**  
President & Co-Founder

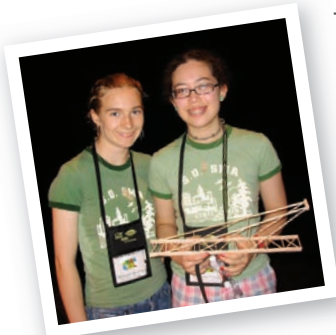
Boys calibrate their Electric Vehicle

Science Olympiad allows girls to get involved in science during the crucial middle school years

## MISSION



**SCIENCE OLYMPIAD** is a national non-profit organization dedicated to improving the quality of K-12 science education, increasing male, female and minority interest in science, creating a technologically literate workforce and providing recognition for outstanding achievement by both students and



teachers. These goals are achieved by participating in Science Olympiad tournaments and non-competitive events, incorporating Science Olympiad into classroom curriculum and attending teacher training institutes.

Looking back on it, Bridge and Tower Building and Road Scholar basically directly relate to what I do right now as a transportation engineer. Science Olympiad really helped me find my place in the world and discover that there are people out there who love the same things I love.

- Alicia Zimmerman, Civil Engineer, JJR



The George Washington  
University President,  
Steven Knapp

Physics Rules Committee  
Annual Meetings

### PROGRAM HIGHLIGHTS



### SCIENCE OLYMPIAD NATIONAL TOURNAMENT

In May 2008, Science Olympiad and The George Washington University (GW) put on our largest event of the year for more than 1,800 of the best and brightest students in the nation, as well as their teachers and parents. The university granted access to science labs, its finest public venues, dorms, union and meeting facilities, and brought in world-renowned speakers like Dr. Benjamin Carson, head of pediatric neurosurgery at Johns Hopkins University, and Frank Sesno, CNN reporter and GW professor. In recognition of what students achieved to reach the national level of competition, GW provided each and every participant with a \$20,000 tuition stipend, an offer of \$36 million dollars. Combined with the nearly \$400,000 the university and Science Olympiad budget to run this completely free event, that's quite an investment in youth science education.



Chicago Public Schools students at Wright College

### URBAN SCHOOLS INITIATIVES WITH CHICAGO PUBLIC SCHOOLS

With a combination of a grant from The Abbott Fund and contributions of time, talent and in-kind support from partner organizations, membership, training for coaches, special museums and an entire Regional Tournament -



Science Olympiad fully funded workshops at colleges and at no cost to the 100 Chicago

Public Schools students and teachers who participated. Donated expenses totaled more than \$60,000 from the Illinois Science Olympiad, the University of Illinois at Urbana-Champaign, Wright College, Chicago Public Schools and Science Olympiad and ensured a quality experience for these urban high school students.

"I have seen first-hand the positive impact Science Olympiad can have on budding scientists."

- Dr. Benjamin Carson

Dr. Benjamin Carson speaks at the 2008 Science Olympiad



Teachers use TI technology at the Summer Institute

### TECHNOLOGY INVESTMENT AT STATE SCIENCE OLYMPIAD LEVEL

In 2007, Science Olympiad provided all 54 State Science Olympiad leadership organizations with free calculators, sensors and probes provided by a grant from Texas Instruments and Vernier valued at \$20,000. Relationships with several of the top science and technology companies allow Science Olympiad to obtain materials and expertise for its key personnel, event supervisors and member schools.

Elementary Science Olympiad  
Fun Night

Science in the City  
Gummi Bear Long Jump

# VOLUNTEERS AND MEMBERSHIP BENEFITS



One of Science Olympiad's primary resources are the volunteers at all levels who staff and run tournaments, create the rules that govern the competitions, and supervise the hundreds of thousands of students who participate each year. Five representative categories of volunteerism are:

### CONTENT DEVELOPMENT

Rules Manuals for 46 events in all content areas, CDs, DVDs, Training Handbooks, Workshop Presentations

### SCIENCE OLYMPIAD TOURNAMENT SUPERVISION

More than 400 Invitational, Regional, State and National Tournaments require up to 300 volunteers each

### LEADERSHIP OF STATEWIDE ORGANIZATIONS

Coordination of Science Olympiad activities in 47 states

### PROFESSIONAL DEVELOPMENT WORKSHOPS FOR TEACHERS

More than 40 regional, state and national workshops, including the annual Science Olympiad Summer Institute and National and State Science Teacher Association sessions

### PUBLIC OUTREACH

Including summer camps, city events, Elementary Science Olympiad tournaments and Fun Nights

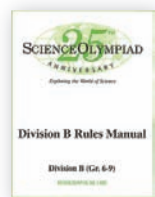
In addition to managing these volunteer efforts, Science Olympiad provides an abundance of services to its member schools and State Science Olympiad Chapters:

### Schools

- Rules Manuals
- Participation in Invitational, Regional, State and National Tournaments
- State Medals and Trophies
- National Web Resources including Rules Clarifications
- Scholarships

### State Chapters

- Annual State Directors and Event Supervisors Training Meeting (3 days)
- PR, Marketing, Grant Writing and Sponsorships Assistance
- Chapter & Club Liability Insurance
- Tuition Awards and Scholarships from Host Universities
- Prizes, Trips and Cash Awards from National Sponsors



2008 National Tournament  
winners from Troy High School

Professional Development Workshop for  
Urban Schools Initiative teachers



Spirit Award Winner  
Receives \$2,000  
for Their School Team

Students from Steinmetz High School  
celebrate their first-place win at  
a Regional Tournament

## FINANCIALS



## Expenses



Science Olympiad prides itself on controlling overhead and costs, garnering recognition from the Independent Charities of America. On November 6, 2007, the U.S. Government employee-giving program, Educate America, accepted Science Olympiad as a member of its Combined Federal Campaign, its 12th continuous year of inclusion. These significant accolades, in conjunction with our annual external audits, put Science Olympiad in a state of excellent financial health.

## Income

Science Olympiad is privileged to have sponsors who are true partners in our mission. Each of the corporations, associations and groups listed has a vested interest in improving the quality of K-12 STEM education and the future development of our scientific workforce.

### 2008 gold sponsors (\$25,000 and up)



The George Washington University - National Tournament Host  
Combined Federal Campaign (CFC) - Educate America Funds Coalition  
Discovery Education  
Texas Instruments

### 2008 Silver Sponsors (\$10,000 to \$24,999)



Abbott Fund  
Centers for Disease Control and Prevention (CDC)  
DuPont Center for Collaborative Research and Education  
Lockheed Martin  
Science Chicago

### 2008 Bronze Sponsors (\$1,000 to \$9,999)



Academy of Model Aeronautics (AMA)  
American Industrial Hygiene Association (AIHA)  
Chadra X-Ray Center  
Delta Education  
Institute of Food Technologists (IFT)  
MAKE Magazine  
MAP Real Estate  
Midwest Products  
PITSCO  
Society for Neuroscience (SfN)



Police officer helps to solve a mystery in Science Crime Busters

Advisory Committee member Steve Betza from Lockheed Martin and Friends

## FINANCIALS



### Revenue



<b>29.6%</b>	Investments
<b>28.8%</b>	Contributions/Scholarships
<b>20.0%</b>	Educational Resources/Awards
<b>17.8%</b>	Memberships
<b>3.8%</b>	Training



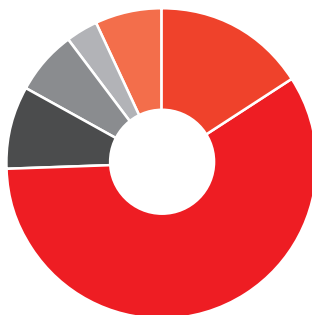
### Revenue

Revenue	Amount
Memberships	317,318
Contributions/Scholarships	511,708
Educational Resources/Awards	355,422
Training	66,871
Investments	526,015
<b>Total Revenues</b>	<b>1,777,334</b>

For year ending September 30, 2007



### Expenses



<b>58.7%</b>	Scholarships/Tournament
<b>15.9%</b>	Program Services/Wages/Benefits
<b>8.6%</b>	Educational Resources/Shipping
<b>6.7%</b>	Training
<b>6.7%</b>	Rent/Utilities/Supplies
<b>3.4%</b>	Investment and Professional Fees

### Expenses

Expenses	Amount
Program Services/Wages/Benefits	191,959
Tournament/Scholarships	708,980
Educational Resources/Shipping	104,265
Training	81,609
Investment and Professional Fees	40,613
Rent/Utilities/Supplies	81,093
<b>Total Revenues</b>	<b>1,208,519</b>

For year ending September 30, 2007  
Audited by Metzler, Locricchio & Serra Co.

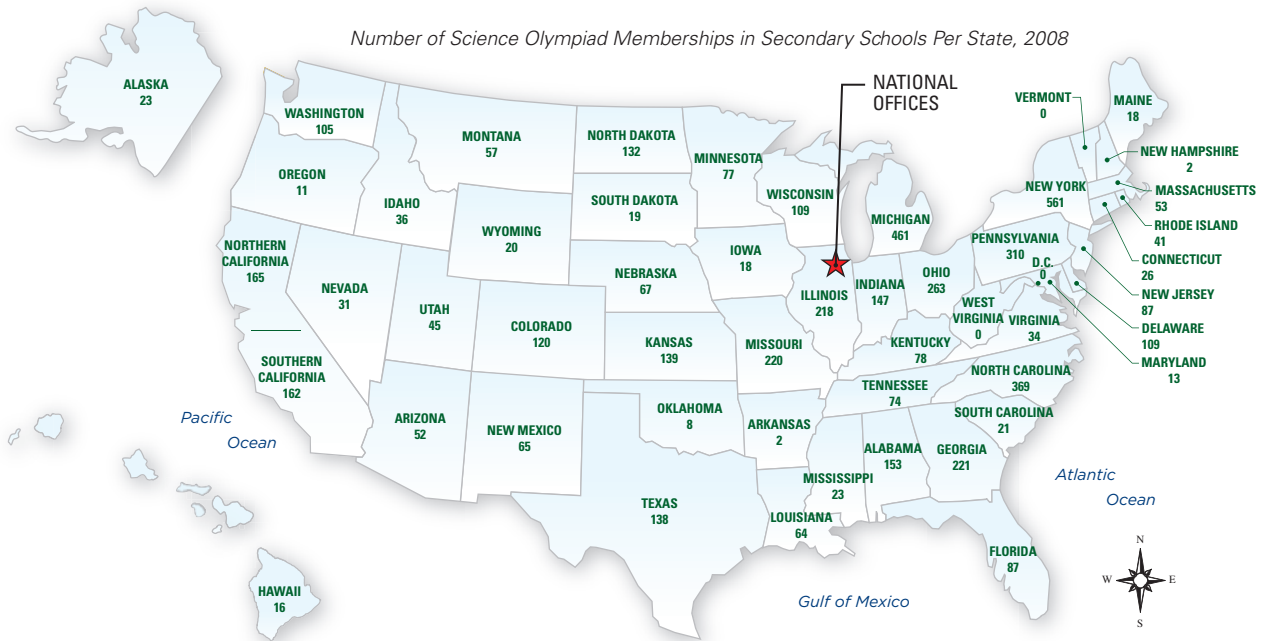
A Future Engineer Explains His Design for a Boomilever

Students demonstrate their Science Olympiad devices for the public in Chicago's Millennium Park

## MEMBERSHIP



## State Chapters and Members



Mike Shea - AK  
Jane Nall - AL  
Hal Eastin - AZ  
Scott Speet - AZ  
Barbara Little - CA  
Ed Rodevich - CA  
Tom Reed - CO  
Brendan Herlihy - CT  
Frederic Siegel - DC  
Barbara Borleske - DE  
Mike McKee - FL

Bill Wellnitz - GA  
Franklin Allaire - HI  
Susan Noreuil - IA  
Gary Carlson - ID  
Joe Simmons - IL  
Tom Morgan - IN  
Greg Novacek - KS  
Lowell Shank - KY  
Shawn Budden - LA  
Robert Goldstein - MA  
Brian Niece - MA

Al Causey - MD  
Carol Titterton - ME  
Mark Van Hecke - MI  
Brandi Hansmeyer - MN  
Neil Michels - MN  
Patty Palmietto - MO  
Sheila Hendry - MS  
Elisabeth Swanson - MT  
Jason Painter - NC  
Jennifer Lepper - ND  
Jim Woodland - NE

John Boucher - NH  
Sandy Buleza - NJ  
Tony Ortiz - NM  
Richard Vineyard - NV  
Harold Miller - NY  
Lynn Rathke - OH  
Bob Melton - OK  
Jean Cavanaugh - OR  
Dick Smith - PA  
James Magyar - RI  
Bret Clark - SC

Clark Bennett - SD  
David Stanislawski - TN  
Nancy Magnussen - TX  
Sharon Ohlhorst - UT  
Scott VanBenschoten - VA  
Sue Murphy - WA  
Anne Murphy - WI  
Forrest Schultz - WI  
Paul Marquard - WY

## National Tournament Sites

1985 Michigan State University  
1986 Michigan State University  
1987 Ohio State University  
1988 Delaware State University  
1989 University of Colorado, Boulder  
1990 Clarion University  
1991 Penn Valley Community College  
1992 Auburn University  
1993 University of Southern Colorado  
1994 University of Arizona

1995 Indiana University  
1996 Georgia Institute of Technology  
1997 North Carolina State University  
1998 Grand Valley State University  
1999 University of Chicago  
2000 Eastern Washington University  
2001 University of Colorado, Colorado Springs  
2002 University of Delaware  
2003 Ohio State University  
2004 Juniata College

2005 University of Illinois  
2006 Indiana University  
2007 Wichita State University  
2008 The George Washington University, Washington, D.C.  
2009 Augusta State University  
2010 University of Illinois  
2011 University of Wisconsin, Madison  
2012 University of Central Florida

Dr. Peter Lu joins Dr. Gerard Putz at the 2007 Science Olympiad National Tournament

Dr. Gerard Putz and Sharon Putz at Senator Dick Durbin's D.C. Office

## KEY PERSONNEL



## National Committees

### NATIONAL EXECUTIVE BOARD

**Dr. Gerard Putz**  
President and Co-Founder

**Sharon Putz**  
Executive Administrator

**James Woodland**  
Nebraska State Director

**Jack Cairns**  
Director and Co-Founder

**Richard Smith**  
Pennsylvania State Director

**Jennifer Kopach**  
Marketing Director

### ADVISORY COMMITTEE

**Steve Betza**  
Lockheed Martin

**Dr. Peter Lu**  
Harvard University,  
Science Olympiad Alumnus

**Fred Siegel**  
The George Washington University,  
2008 National Tournament Committee

**Phyllis Buchanan**  
DuPont Corporation

**Mike McKee**  
University of Central Florida,  
Florida State Director

**Tim Taylor**  
Science Olympiad Coach, Ohio

**Philip Dail**  
Science Consultant,  
North Carolina

**Harold Miller**  
New York State Director

**Peggy Vavalla**  
DuPont Corporation

**Tina Gilliland**  
Indiana University, 2006 National  
Tournament Director

**Michael Osborne**  
Science Manager,  
Texas Instruments

**Dr. Bill Wellnitz**  
Augusta State University,  
Georgia State Director,  
2009 National Tournament Director

**Azania Heyward-James**  
Centers for Disease Control

### NATIONAL RULES COMMITTEE CHAIRS

**Karen Lancour**  
Life Personal & Social Science

**Harry Kranepool and Mike McKee**  
Physical Science

**CeAnn Chalker**  
Technology & Engineering

**Linder Winter and Mark Van Hecke**  
Earth & Space Science

**Linda Wozniwski**  
Chemistry

**James Woodland**  
Inquiry & Nature of Science

## National Office Staff

Oakbrook Terrace, Illinois

**Dr. Gerard Putz**  
President and Co-Founder

**Deb Mendenhall**  
Accounting

**Sharon Putz**  
Executive Administrator

**Tricia Tokash**  
Elementary Coordinator

**Jennifer Kopach**  
Director of PR, Marketing  
and Sponsorships



*Exploring the World of Science*

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