

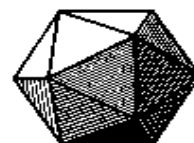
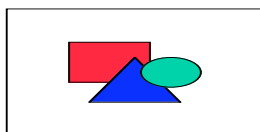
2003 Colorado Mathematics Awards

The 8th annual reception to recognize outstanding performance in national mathematics competitions by Colorado secondary and college students.

Thursday, May 15, 2003

4:30 – 7:00 p.m.

Grant-Humphreys Mansion
770 Pennsylvania Street
Denver, Colorado



Program

4:30 – 5:15

Refreshments

5:15 – 6:30

Welcome: Dr. Richard Gibbs, Past Chair, Committee on the American Mathematics Competitions (Mathematical Association of America), and Emeritus Professor of Mathematics, Ft. Lewis College

Recognition of Underwriters: Dr. David Carlson, Resource Analyst, Colorado Dept. of Agriculture

Remarks: Dr. James Loats, Mathematics Specialist, Denver Public Schools; introduced by Professor Lou Talman, Metropolitan State College of Denver, Past Chair, Rocky Mountain Section, Mathematical Association of America

Presentation of Awards

- **American Mathematics Contest 8:** presented by Mr. Howard Selbst, Falcon Creek Middle School, Aurora, and Colorado AMC 8 Director
- **MATHCOUNTS:** presented by Mr. Paul Gulman, Professional Engineers of Colorado, and Chair, Colorado MATHCOUNTS Committee
- **American Mathematics Contests 10 and 12:** presented by Dr. David Larue, Colorado School of Mines, and Colorado AMC High School Director
- **High School Mathematical Contest in Modeling:** presented by Dr. Gibbs
- **International Mathematical Contest in Modeling:** presented by Professor Hortensia Soto-Johnson, Dept. of Mathematics, Colorado State University at Pueblo, and Governor, Rocky Mountain Section, Mathematical Association of America
- **Rocky Mountain MAA Section Burton W. Jones Distinguished Teaching Award Recipient, Professor Hugh King, Colorado School of Mines:** introduced by Professor Soto-Johnson
- **William Lowell Putnam Mathematical Competition:** presented by Professor Rob Tubbs, University of Colorado-Boulder, and Chair, Rocky Mountain Section, Mathematical Association of America

6:30 – 7:00

Refreshments

Patrons (\$500 - \$999)

American Mathematics Competitions
CH2M Hill
Colorado Council of Teachers of Mathematics
Prentice Hall Inc.

Supporters (\$100-\$499)

Professional Engineers of Colorado
Mathematical Ass'n of America (Rocky Mountain Section)

Steering Committee: Dr. Richard Gibbs and Dr. David Carlson, reception co-chairs; Mr. George Garcia, P.E., CH2M Hill; Mr. Paul Gulman, P.E., NSPE, Professional Engineers of Colorado; Dr. David Larue, Computing Support Specialist, Colorado School of Mines; Dr. James Loats, Mathematics Specialist, Denver Public Schools; Ms. Rhonda Naylor, Campus Middle School, Englewood, and President, Colorado Council of Teachers of Mathematics; Ms. Mattye Pollard-Cole, COMMSTEP; Mr. Howard Selbst, Falcon Creek Middle School; Prof. Lou Talman, Associate Professor, Metropolitan State College of Denver, and Chair, Rocky Mountain Section of the Mathematical Association of America.

Special thanks to: McKnight Jewelry, Durango (plaques); The Pantry Princess (catering); and Mr. Adam Johnson, Governor's Office (certificates).

Contributions and other expressions of support for this annual awards ceremony may be sent to: Dr. Richard A Gibbs, 4521 CR 203, Durango CO 81301. Make checks payable to: Colorado Mathematics Awards.

American Mathematics Contest 8

This 40-minute 25-question multiple-choice contest is given in school on the Tuesday the week before Thanksgiving. Students in 8th grade and below are eligible. In 2002 more than 157,000 students from over 2300 schools nationwide participated in the AMC 8. More than 1,700 Colorado students from 31 schools participated in 2002.

Top Colorado Individual Winners (and Coaches)

- (1) **Charlie Stoddard**, Steamboat Springs Middle School (Kristine Lande) – *6th grader*
- (2) **Jabe Bouricius** and **Justin Kunstman**, Southern Hills Middle School (Denise Pearman); **Tiffany Chan** and **Marissa Latta**, Challenge School, Denver (Rich Morrow); **Samuel Galler**, Summit Middle School, Boulder (Ingrid Fotino); **Suzanne Ngo** and **Kevin Porter**, Laredo Middle School, Aurora (Nicole Shofner)

Honorable Mention (and Coaches)

Abraham Becker, Soouthern Hills MS, Boulder (Denise Pearman); **Michael Hurd**, East MS, Grand Junction (Larry Allison); **Loren McGinnis**, D'Evelyn Jr.-Sr. HS (Christine LeBlanc); Jesse Morse, **Ricks Center, Denver (Sharon Butz)**; **Timothy Nguyen**, Summit MS, Boulder (Ingrid Fotino); **Christopher Wilson**, Campus MS, Englewood (Rhonda Naylor)

MATHCOUNTS

MATHCOUNTS is an after school program for 7th and 8th graders which leads to a series of competitions at the school, chapter, state, and national levels. The top four students at the state competition represent their state at the national competition. Competitions last approximately three hours and consist of five rounds involving a combination of individual and team, written and oral problem solving activities. Teams of four students from 148 Colorado schools competed in 2001-2002.

First Place Colorado Team (and Coach)

Marshall Carpenter, Thomas Davids, Ben Kuelthau, Charlie Wilcox, Summit Middle School, Boulder (Greta Frohbieter). Ms. Frohbieter coached the Colorado team at the national competition.

Colorado MATHCOUNTS Team (and Coaches)

- (1) **Marshall Carpenter**, Summit Middle School, Boulder (Greta Frohbieter)
- (2) **Jesse Morse**, Ricks Center, Denver (Sharon Butz)
- (3) **Ben Kurtz**, Manning School, Golden (Cathy Goodnow)
- (4) **Tyler Beebe**, Cresthill Middle School, Highlands Ranch (Kevin Larsen)

Honorable Mention (and Coaches)

Olivia Bishop, Timberview MS, Colorado Springs (Carol Kramer); **Cameron Brown**, Manning School, Golden (Cathy Goodnow); **Sam Elder**, Boltz Junior HS, Ft. Collins (Sue Everett); **Jia Hao Hu**, Cresthill MS, Highlands Ranch (Kevin Larsen); **Eric Robinson**, D'Evelyn Jr.-Sr. HS, Golden (Christine LeBlanc); **Charlie Wilcox**, Summit MS, Boulder (Greta Frohbieter)

American Mathematics Contests 10 and 12

These 75-minute, 25-question multiple-choice contests contain approximately 12 common problems and are given simultaneously in school on the Tuesday before the Presidents' Day holiday. Students in grades 10 and below are eligible for AMC 10, and students in grade 12 and below are eligible for AMC 12. In 2003 more than 242,000 students from more than 4,400 schools nationwide participated in the AMC 10 and AMC 12. More than 2,300 Colorado students from 47 schools participated.

AMC 10--Top Colorado Individual Winners (and Coaches)

- (1) **Mark Heim**, Thompson Valley High School, Loveland (Lanny Hass)
- (2) **Sara Sheehan**, South High School, Pueblo (Patrick Mara)
- (3) **Matthew Capron**, Heritage High School, Littleton (Bryan Skarda)
- (3) **Brian Shourd**, Columbine High School, Littleton (Leslie Layman)

AMC 10--Honorable Mention (and Coaches)

Annie An, Overland HS, Aurora (Laura Bennett); **Matthew Cline**, Smoky Hill HS, Aurora (Steve Cavnar); **Paul Fornia**, Campus MS, Englewood (Rhonda Naylor); **William Reynolds** and **Marguerite Thorp**, Cherry Creek HS, Englewood (Mike Nutter); **Claire Roscow**, D'Evelyn Jr.-Sr. HS, Golden (Rhonda Jacobson)

AMC 12--Top Colorado Individual Winners (and Coaches)

- (1) **SeHyoun Ahn**, Boulder High School (Melissa Warfield) -- *10th grader*

- (2) **Yiming Wang**, Boulder High School (Melissa Warfield)
- (3) **Ryan Inman**, William J. Palmer High School, Colorado Springs (David Sawtelle)

AMC 12--Top Colorado Team (and Coach)

SeHyoun Ahn, Jonathan Beall, Nicolai Schlag, Boulder High School (Melissa Warfield)

AMC 12--Honorable Mention (and Coaches)

Steven Biles, William J. Palmer HS, Colorado Springs (David Sawtelle); **Shelby Blessing**, Rocky Mountain HS, Ft. Collins (Diana Martin); **Po Yin Huang**, Cherry Creek HS, Englewood (Mike Nutter); **Adam Kamlet**, Kent Denver School, Englewood (Darryl Stafford); **Scott Potter**, Poudre HS, Ft. Collins (Jeff Davis); **Michael Rodgers**, Fairview HS, Boulder (Carla Berley); **Conner Rogers**, D'Evelyn Jr.-Sr. HS, Golden (Rhonda Jacobson); **Andrew Scacco**, Smoky Hill HS, Aurora (Steve Cavnar); **Samuel Stromberg**, George Washington HS, Denver (Stephen Lacks)

USA Mathematical Olympiad: Only 250 students nationwide qualified for this 9-hour, 6-question written examination held in April. Four of these students were from Colorado: **SeHyoun Ahn**, Boulder HS (Melissa Warfield); **Bryce Herdt**, Mitchell HS, Colorado Springs (Eric McNeill); **Conner Rogers**, D'Evelyn Jr.-Sr. HS, Golden (Rhonda Jacobson); and **Andrew Scacco**, Smoky Hill HS, Aurora (Steve Cavnar).

High School Mathematical Contest in Modeling

The High School Mathematical Contest in Modeling is a team contest. The Mathematical Association of America is one of the sponsoring organizations. Each team of up to four students works in November during a 36-hour period using applied mathematics to solve their choice of one of two real-world problems. In 2002, 349 teams from 84 schools submitted solutions; two teams from two Colorado schools participated.

Top Colorado Team (and Coach)—Outstanding Ranking

Benny Goldberg, Taylor McLemore, Brendan Schwartz, Goldberg Home School, Boulder (David Goldberg)
'Outstanding' is the highest level of award possible; only 10 teams out of 349 nationwide achieved it.

Mathematical Contest in Modeling

The Mathematical Contest in Modeling is a team contest for undergraduates. The Mathematical Association of America is one of the sponsoring organizations. Each team of three students works in mid-February from midnight on a Thursday until 5 p.m. the following Monday, using applied mathematics to solve their choice of one of three real-world problems. In 2003, 638 teams from nine countries submitted solutions; 11 teams from seven Colorado colleges and universities participated.

Top Colorado Team (and Coach)—Outstanding Ranking

Darin Gillis, David Lindstone, Aaron Windfield, U. of Colorado—Boulder (Prof. Anne Dougherty)
'Outstanding' is the highest level of award possible; only 16 teams out of 638 worldwide achieved it.

William Lowell Putnam Mathematical Competition

This competition is a collegiate examination sponsored by the Mathematical Association of America. This exam is a 6-hour 12-question essay examination given on campus on the first Saturday in December. All undergraduates are eligible. In 2002 more than 3,300 students from more than 470 institutions participated. Students from ten Colorado colleges and universities participated.

Top Colorado Individual Winners (and Coaches)

- (1) **John Batchelder**, Colorado State University, Ft. Collins (Prof. Alexander Huelpke)
- (2) **Manfred Georg**, Colorado State University, Ft. Collins (Prof. Alexander Huelpke)
- (3) **Travis King**, Colorado State University, Ft. Collins (Prof. Alexander Huelpke)

Top Colorado Team (and Coach)

John Batchelder, Manfred Georg, Travis King, Colorado State University, Ft. Collins (Prof. Alexander Huelpke)
The Colorado State University team placed 12th out of 376 teams nationally.