

1996 Colorado Mathematics Awards

A reception to recognize outstanding performance in national mathematics competitions by Colorado secondary and college students.



Friday, May 3, 1996

5:00 - 7:00 p.m.

**Executive Residence
8th and Logan Street
Denver, Colorado**

Program

5:00 - 5:45 p.m.

Refreshments

Music composed and played by Mark Carlson, South High School, Denver

5:45 - 6:30

Welcome: Dr. Richard Gibbs, Chair, Committee on the American Mathematics Competitions, and Professor of Mathematics, Fort Lewis College

Remarks: The Honorable Gail Schoettler, Lt. Governor, State of Colorado

Presentation of Awards

- American Junior High School Mathematics Examination
Prof. Annette Cooper, Dept. of Mathematics, Fort Lewis College
- MATHCOUNTS
Ms. Jennifer Vrynios, P.E., URS Consultants, Inc.
- American High School Mathematics Examination
Prof. Ernest Cisneros, Dept. of Mathematical and Computer Sciences, Metropolitan State College
- William Lowell Putnam Mathematical Competition
Prof. Celestino Mendez, Dept. of Mathematical and Computer Sciences, Metropolitan State College, and Governor, Rocky Mountain Section, Mathematical Association of America
- Mathematical Contest in Modeling
Prof. Mendez

6:30 - 7:00

Refreshments and Pictures

Sponsors

American Mathematics Competitions
CH2MHill
Colorado Council of Teachers of Mathematics
Colorado Department of Education
Colorado MATHCOUNTS
Coors Brewing Company
Butch and Kathy Hollister, Boulder
Mathematical Association of America
Storage Technology, Inc.

Steering Committee: Prof. Richard Gibbs, chair; Dr. David Carlson, Colorado Dept. of Agriculture; Prof. Ernest Cisneros; and Ms. Jennifer Vrynios, P.E. **Special thanks to:** our photographer, Prof. Richard Balay, Dept. of Mathematical and Computer Sciences, Metropolitan State University; and to Mr. Matt Sugar, Ms. Deborah Lynch, and Mr. David Smith of the Governor's Office for assistance in preparing the certificates.

American Junior High School Mathematics Examination

A 40-minute, 25-question multiple choice examination held each November for students in 8th grade and below. In 1995, approximately 250,000 students from 3,300 schools participated nationwide. In Colorado, more than 2,500 students from 46 schools participated.

Top Colorado Individual Winners (and their Coaches)

- (1) **Samantha Garrett**, Washington Irving Junior High School, Colorado Springs (Loretta Chandler)
- (1) **Tom Liu**, Campus Middle School, Englewood (Rhonda Wanger)
- (2) **Liz Kiernan**, Campus Middle School, Englewood (Rhonda Wanger)
- (2) **Kirk Meyer**, D'Evelyn Junior-Senior High School, Golden (Malcolm Campbell)
- (2) **Justin Rogers**, D'Evelyn Junior-Senior High School, Golden (Malcolm Campbell)

Honorable Mention (and Coaches)

David Batchelder, Ken Caryl Middle School, Littleton (Larry Haverland); **Chad Burggraf**, Challenge School, Denver (Rick Morrow); **Randy Erb**, Campus Middle School, Englewood (Rhonda Wanger); **Seth Feinberg**, John Evans Junior High School, Greeley (Bob Grimes); **Sue Ann Hong**, Base Line Middle School, Boulder (Pam Fitzgerald); **Loren Lipsey**, Ouray Middle School, Ouray (Todd Schroedel); **David Reiman**, Campus Middle School, Englewood (Rhonda Wanger); **Jules Vandersarl**, Eagleview Middle School, Colorado Springs (Betty Daniels and Marilyn Morse).

MATHCOUNTS

A competition for 7th and 8th grade students at school, chapter, state, and national levels. Three-hour competitions consist of five rounds of written and oral problem-solving by individuals and teams. In 1995, 735 Colorado students from 147 schools participated.

Top Colorado Team (and Coach)

Kevin Christopher, Randy Erb, Tom Liu, Miwako Ohara
Campus Middle School, Englewood (Rhonda Wanger)

Top Colorado Individual Winners (and Coaches)

- (1) **Justin Rogers**, D'Evelyn Junior-Senior High School, Golden (Malcolm Campbell)
- (2) **Yeong-Soo Kim**, Casey Middle School, Boulder (Eileen Gilbride)
- (3) **Kirk Meyer**, D'Evelyn Junior-Senior High School, Golden (Malcolm Campbell)
- (4) **Tom Liu**, Campus Middle School, Englewood (Rhonda Wanger)

Honorable Mention (and Coaches)

David Batchelder, Ken Caryl Middle School, Littleton (Chris Lile); **Josh Cole**, Challenge School, Denver (Rich Morrow); **Aubrey da Cunha**, Casey Middle School, Boulder (Eileen Gilbride); **Randy Erb**, Campus Middle School, Englewood (Rhonda Wanger); **Steve Miller**, West Middle School, Littleton (Robert Fair); **Tim Pope**, Challenger Middle School, Colorado Springs (Nancy Billiard).

American High School Mathematics Examination

A 90-minute, 30-question multiple choice examination held each February for students not yet graduated from high school. In 1996, approximately 350,000 students from 5,400 schools participated nationwide. In Colorado, more than 4,500 students from 71 schools participated.

Top Colorado Team (and Coach)

James Burns, Scott Cederberg, Seth Wilson
Fairview High School, Boulder (James Scheppers)

Top Colorado Individual Winners (and Coaches)

- (1) **Travis Kopp**, Bear Creek High School, Lakewood (Tamara Maccalous)
- (2) **Steven Schell**, Doherty High School, Colorado Springs (Barry Hoke)
- (3) **James Burns**, Fairview High School, Boulder (James Scheppers)
- (3) **Paul Friedberg**, William J. Palmer High School, Colorado Springs (David Sawtelle)

Honorable Mention (and Coaches)

Charley Jobin, Kent Denver School, Denver (Darryl Stafford); **Bryan Kim**, Cherry Creek High School, Englewood (Norm Liden); **Steven Lacock**, Fort Collins High School, Fort Collins (Craig Luckasen); **Nathan Maloney**, Fruita Monument High School, Fruita (Sandra Davenport); **Yogesh More**, George Washington High School, Denver (John Walton); **Jeff Smith**, Kent Denver School, Denver (Darryl Stafford); **Benjamin Tsai**, Cherry Creek High School, Englewood (Norm Liden).

William Lowell Putnam Mathematical Competition

A 6-hour, 12-question essay examination held each December for collegiate undergraduate students. In 1995, more than 2,400 students from 400 institutions participated. In Colorado, students from nine colleges and universities participated.

Top Colorado Team (and Coach)

Chris Hall, Tao He, Mahesh Mahanthappa
University of Colorado—Boulder (Prof. Gordon Brown)

Top Colorado Individual Winners (and Coaches)

- (1) **Zachary Harris**, Colorado State University, Fort Collins (Prof. Robert Liebler)
- (2) **Tao He**, University of Colorado—Boulder (Prof. Gordon Brown)
- (3) **Barry Balof**, The Colorado College, Colorado Springs (Prof. John Watkins)

Mathematical Contest in Modeling

In February, teams of three undergraduate students work from midnight on Thursday until 5pm on Monday, using applied mathematics to solve their choice of one of two real-world problems. This year, 393 teams from nine countries submitted solutions; seven teams represented colleges and universities in Colorado.

Top Colorado Team (and Coach)

Barry Balof, Jon Kranc, Cody Young
The Colorado College, Colorado Springs (Prof. Deborah Levinson)