

1999 Colorado Mathematics Awards

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



Thursday, May 20, 1999

5:30 - 7:30 p.m.

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

Program

5:30 – 6:15 Refreshments

6:15 – 7:00 Welcome: Dr. Richard Gibbs, Chair, Committee on the American Mathematics Competitions, and Professor of Mathematics, Ft. Lewis College

Remarks: Ms. Mattye Pollard-Cole, Mathematics Senior Consultant, Colorado Department of Education

Presentation of Awards

- **American Junior High School Mathematics Examination**
Professor Gibbs
- **MATHCOUNTS**
Mr. Thomas Ferguson, P.E., Adnan Associates, Inc. and Colorado MATHCOUNTS Coordinator
- **American High School Mathematics Examination**
Prof. Donna Hafner, Department of Mathematics and Computer Science, Mesa State College, and Colorado Director of the AHSME
- **Mathematical Contest in Modeling**
Prof. Janet Barnett, Dept. of Mathematics, University of Southern Colorado, and Governor, Rocky Mountain Section, Mathematical Association of America
- **William Lowell Putnam Mathematical Competition**
Professor Barnett

7:00 - 7:30 Refreshments

Sponsors

Corporate Underwriters

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Mathematics Organizations

American Mathematics Competitions
Colorado Council of Teachers of Mathematics
Colorado MATHCOUNTS
Mathematical Association of America
(Rocky Mountain Section)

Steering Committee: Prof. Richard Gibbs, chair; Dr. David Carlson, Colorado Department of Agriculture; Prof. Annette Cooper; Prof. Donna Hafner; and Mr. Thomas Ferguson, P.E. Special thanks to McKnight Jewelry, Durango; Ms. Michelle Puhr, Ms. Erin Tait, and Ms. Clare Taylor, Governor Owens' Office.

American Junior High School Mathematics Examination

This 40-minute, 25-question multiple choice examination is given in school on the Tuesday the week before Thanksgiving. Students in 8th grade and below are eligible. In 1998 approximately 246,000 students from more than 3,300 schools nationwide participated in the AJHSME. More than 2,700 Colorado students from 40 schools participated. The Colorado Director for the AJHSME is Fort Lewis Mathematics Professor Annette Cooper.

Top Colorado Individual Winners (and Coaches)

- (1) **Shea Robinson**, Campus Middle School, Englewood (Rhonda Wanger)
- (2) **Ryan Inman**, North Middle School, Colorado Springs (Tina Tschamler)
- (2) **Peter Voyvodic**, Challenge School, Denver (Rich Morrow)

Sixth Grade Honor Roll

- (1) **Joshua Jacobson**, Campus Middle School, Englewood (Rhonda Wanger)
- (1) **Erin Noel**, Campus Middle School, Englewood (Rhonda Wanger)

Edith May Sliffe Teaching Award Winner

Mary Acosta, Campus Middle School, Englewood

Honorable Mention (and Coaches)

Brentan Alexander, **Michael Chaitkin**, **Chris Kudron**, **David Sanford**, **Laura Shunk**, Campus Middle School, Englewood (Rhonda Wanger); **Jared Brown**, Escalante Middle School, Durango (Connie Piccoli); **Nicole Doheny**, Dawson School, Lafayette (Ruth Homan); **Rebecca Hayes**, Washington Irving Middle School, Colorado Springs (Loretta Chandler); **Laura Johnson**, Castle Rock Middle School (Ann Miller); **G. London**, Summit Middle School, Boulder (Ken Thompson); **Blake Martin**, **Keith Mitchell**, **Adam Solove**, Challenge Middle School, Denver (Rich Morrow); **Jenny Rood**, home schooled, Boulder (David Rood); **Alexander Ruterbories**, D'Evelyn Jr.-Sr. High School, Golden (Malcolm Campbell).

MATHCOUNTS

MATHCOUNTS is an after school program for 7th and 8th graders leads to a series of competitions at school, chapter, state, and national levels. The top four students at the state competition represent their state at the national competition. MATHCOUNTS competitions last approximately three hours and consist of five rounds of written and oral problem-solving activities for individuals and teams. Approximately 870 Colorado students from 145 schools competed in 1998-99. The Colorado Coordinator is Thomas Ferguson, an engineer employed by Adnan Associates, Inc. in Denver.

Top Colorado Individual Winners (and Coaches)

- (1) **Colin Ackerman**, D'Evelyn Junior-Senior High School, Golden (Malcolm Campbell)
- (2) **David Sanford**, Campus Middle School, Englewood (Rhonda Wanger)
- (3) **Brentan Alexander**, Campus Middle School, Englewood (Rhonda Wanger)
- (4) **Jonathan Beall**, Southern Hills Middle School, Boulder (Denise Pearman)

Top Colorado Team (and Coach)

Brentan Alexander, **Michael Chaitkin**, **John Esterhay**, **David Sanford**
Campus Middle School, Englewood (Rhonda Wanger)

Honorable Mention (and Coaches)

Samuel Huang, C.C. West, Littleton (Mike Donhowe); **Ryan Inman**, North Middle School, Colorado Springs (Tina Tschamler); **Lauren Jansons** and **Alexander Ruterbories**, D'Evelyn Junior-Senior High School, Golden (Malcolm Campbell); **Michael Li** and **Scott Potter**, Boltz Jr. High, Ft. Collins (Sue Everett); **Peter Voydovic**, Challenge School, Denver (Rich Morrow)

American High School Mathematics Examination

This 90-minute, 30-question multiple choice examination is given in school on the Tuesday before Presidents' Day holiday. Students not yet graduated from high school are eligible. In 1999, approximately 341,000 students from 5,200 schools nationwide participated in the AHSME. In Colorado, more than 4,100 students from 66 schools participated. The Colorado Director for the AHSME is Mesa State College Mathematics Professor Donna Hafner.

Top Colorado Individual Winners (and Coaches)

- (1) Yogesh More*, George Washington High School, Denver (David Morrison)
- (2) John Crockett, Doherty High School, Colorado Springs (Neil Abrahams)
- (2) Justin Rogers, D'Evelyn Junior-Senior High School, Golden (Rhonda Jacobson)
- (2) Natalia Toro, Fairview High School, Boulder (James Scheppers)

*Yogesh More and Timothy Tsai, a freshman from Cherry Creek High School, were among the nation's top 169 high school mathematics students invited to take the USA Mathematical Olympiad examination in April. The top six scorers will represent the United States in the International Mathematical Olympiad in Romania in July. Timothy Tsai's mathematics coach at Cherry Creek is Norm Liden.

Top Colorado Team (and Coach)

Yogesh More, Jonathan Riegel, Michael Wahl
George Washington High School, Denver (David Morrison)

Honorable Mention (and Coaches)

David Batchelder, John Batchelder, Columbine High School, Littleton (Ray Bundy); Kevin Christopher, Cherry Creek High School, Englewood (Norm Liden); Cynthia Keeler, Mark Pond, Smoky Hills High School, Aurora (Jim Clark); Duong Nguyen, Rocky Mountain High School, Fort Collins (Richard Zubradt); Matthew Sontag, Kent Denver School, Englewood (Darryl Stafford)

Mathematical Contest in Modeling

This contest, sponsored by the Mathematical Association of America, is for teams of undergraduates. In mid-February, each team of three undergraduate students works from midnight on Thursday through 5p.m. the following Monday, using applied mathematics to solve their choice of one of two real-world problems. In 1999, 478 teams from nine countries submitted solutions; 13 teams from eight Colorado colleges and universities participated.

Top Colorado Teams (and Coaches)—Meritorious Ranking

Lachlan Belcher, Erik Johnson, Steve Ramsey II, U.S. Air Force Academy (Maj. Dawn Stewart)
Meredith Elrod, Shane Holloway, Nicholas Sanford, U. of Colorado—Colo. Springs (Prof. Holly Zullo)

William Lowell Putnam Mathematical Competition

This examination for college undergraduates is sponsored by the Mathematical Association of America. The 6-hour exam is given on campuses in December and consists of 12 essay questions. In 1998, more than 2,500 students from 400 colleges and universities participated, including 45 students from nine Colorado institutions. The team from Colorado State University finished 15th in the nation in 1998.

Top Colorado Individual Winners (and Coaches)

- (1) Tao He, University of Colorado—Boulder (Prof. Gordon Brown)
- (3) Jonathan Cross, Colorado State University, Fort Collins (Professor Richard Osborne)
- (3) Matthew Kahle, Colorado State University, Fort Collins (Professor Richard Osborne)

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Top Colorado Team (and Coach)

Jonathan Cross, Matthew Kahle, Paul Orr
Colorado State University, Fort Collins (Professor Richard Osborne)