

COLORADO SCIENCE OLYMPIAD



Exploring the World of Science

SOUTHERN REGIONAL

CSU-P, Colorado State University, Pueblo
PUEBLO, COLORADO

February 17, 2018



Southern Regional Operating Committee

Ms. Abby Davidson Tournament Director CSU-Pueblo, Science Learning Center, CBASE	Dr. Rick Kreminski CSU-Pueblo	Ms. Sharon Knight-Lewis U.S. Air Force Academy
Mr. Dave Khaliqi UCCS – CSTEME	Dr. Dave Lempuhl CSU-Pueblo	Dr. John R. Reinert IEEE

Colorado Science Olympiad Board of Directors

Mr. Steve Lovaas, President & Webmaster Colorado State University	Mr. James Commerford State Tournament Co-Director Cherry Creek H.S.	Mr. Greg Stull, Treasurer CPA
Ms. Abby Davidson Southern Region Director CSU-Pueblo, Science Learning Center, CBASE	Ms. Mary Klass State Tournament Co-Director	Mr. Jesse Oswald Northern Region Director
	Dr. John R. Reinert IEEE	

2018 SCIENCE OLYMPIAD EVENTS

- February 17, 2018 Southern Regional, CSU-Pueblo, Pueblo
- February 24, 2018 Northern Regional, Fossil Ridge High School, Fort Collins
- April 21, 2018 Colorado Finals, Cherry Creek High School, Greenwood Village
- May 18-19, 2018 National Finals, Colorado State University, Fort Collins, CO

SUPPORTING SPONSORS

Making the Science Olympiad Possible

- CSU-Pueblo – College of Science and Mathematics
CSU-Pueblo – Student Services and Enrollment Management
CSU-Pueblo – CBASE CSU-Pueblo External Affairs
USAFA Plastivan IEEE UCCS – Center for STEM Education
Colorado School of Mines Preston Middle School Pueblo Women’s Center

- PROGRAM -
SOUTHERN REGIONAL SCIENCE OLYMPIAD
CSU - PUEBLO
February 17, 2018

6:30 – 8:00 **TEAM REGISTRATION** – Lobby, General Classes Building, CSU-Pueblo

8:00 – 9:00 **EVENT IMPOUNDS/EARLY EVENTS** – See Event Schedule

9:00 – 2:50 **COMPETITION** - See Schedule for Individual Events, CSU Pueblo

3:00-3:30 **CLEAN UP** - Team Room Clean Up and Collection of Materials

3:30 – 4:00 **AWARDS CEREMONY PRELUDE: Massari Arena**

MUSICAL INTERLUDE – Dance Party

4:00 - 5:30 **AWARDS CEREMONIES: Massari Arena**

Master of Ceremonies - Dr. John R. Reinert, Science Olympiad Committee

Science Olympiad Welcome Abby Davidson
Tournament Director

Welcome to CSU-Pueblo Dr. David Lehmpuhl,
Dean, College of Science and Mathematics

Supervisor and Volunteer Recognition

Awards:

Event Awards

Teams Advancing to State Tournament, April 21, Cherry Creek High School

1st, 2nd, 3rd, 4th, 5th Place Team Awards



Division B Participants			
School	City	Coach	Team
Berry Creek MS	Edwards	Spencer Schwede	1
Beulah School of Natural Sciences	Beulah	Sarah Dugal	2
Cheyenne Mountain JH	Colorado Springs	Jonathan Ogg	3
Discovery Canyon Campus MS	Colorado Springs	Christa Lundberg	4
Eagle Valley MS		Torrie Jones	5
Eagleview MS	Colorado Springs	Debbie Saccoliti	6
Gunnison MS	Gunnison	Gina Pollard	7
Gypsum Creek MS	Gypsum	Meredith Tinkham	8
			9
Homeschool Science B #1	Colorado Springs	Kelly Bell	10
Homeschool Science B #2	Colorado Springs	Kelly Bell	11
Homestake Peak School	Avon	Katie McClanahan	12
Lewis-Palmer MS #1	Monument	Karen Darrow	13
Lewis-Palmer MS #2	Monument	Jeff Reinkensmeyer	14
Mountain Vista Community	Colorado Springs	Katie Erb	15
Ortega MS	Alamosa	Frank Montoya	16
			17
			18
Platte River Academy #1	Highlands Ranch	Mike Willsea	19
Platte River Academy #2	Highlands Ranch	Mike Willsea	20
Sabin MS	Colorado Springs	Jeannie Meredith	21
The Early College of Arvada	Arvada	Jennifer Smith	22
Thomas MacLaren	Colorado Springs	Michele Wood	23
Timberview MS	Colorado Springs	Virginia Lindblad	24
West MS #1	Colorado Springs	Susan Gimarc	25
West MS #2	Colorado Springs	Susan Gimarc	26
			27

SERVICES

Food/Retail: Café @ General Classroom Building (GCB), 7:00a.m.–3:00p.m.
 Einstein Bagel @ Occhiato Student Center (OSC), 8:00a.m.–2:00p.m.
 Campus Cafeteria @ OSC, 10:30a.m.-1:30p.m.

Registration Desk: General Classroom Building (GCB), Lobby

T-shirt Screen Printing: General Classroom Building (GCB), Lobby

Division C Participants

School	City	Coach	Team
Alamosa HS	Alamosa	Kerry Adams	1
Centennial HS	Pueblo	Cheryl Farrer	2
Cheyenne Mountain HS #1	Colorado Springs	Kellina Gilbreth	3
Cheyenne Mountain HS #2	Colorado Springs	Katey Kuzmak	4
Cheyenne Mountain HS #3	Colorado Springs	Todd Joy	5
Cheyenne Mountain HS #4	Colorado Springs	Todd Joy	6
Coronado HS	Colorado Springs	Caleb Muth	7
Discovery Canyon Campus HS	Colorado Springs	Michael Amundson	8
Gunnison HS #1	Gunnison	Maria Kattnig	9
Gunnison HS #2	Gunnison	Maria Kattnig	10
Doherty HS	Colorado Springs	Amy Robinette	11
Homeschool Science C	Colorado Springs	Kelly Bell	12
Lewis-Palmer HS	Monument	Deb Thompson	13
Liberty HS #1	Colorado Springs	Judith Gaughan	14
Liberty HS #2	Colorado Springs	Robert Dickinsin	15
Liberty HS #3	Colorado Springs	Kevin Whaley	16
Palmer Ridge HS #1	Monument	Diane DeLoux	17
Palmer Ridge HS #2	Monument	Tyler Dall	18
Palmer Ridge HS #3	Monument	Diane DeLoux	19
Palmer Ridge HS #4	Monument	Diane DeLoux	20
Platte Canyon HS	Bailey	Steve Hanford	21
Rampart HS	Colorado Springs	Joseph Gerstenschlager	22
Rock Canyon HS #1	Lone Tree	Matt Gracey	23
Rock Canyon HS #2	Lone Tree	Matt Gracey	24
Rock Canyon HS #3	Lone Tree	Matt Gracey	25
Salida HS	Salida	Chelsea Carpenter	26
Widfield HS #1	Colorado Springs	Suzanne Carmody	27
Widfield HS #2	Colorado Springs	Suzanne Carmody	28
William J. Palmer HS	Colorado Springs	Carolyn derr	29
Woodland Park HS	Woodland Park	Tom Torrance	30

Event Supervisors

Event	Supervisor	Affiliation
Anatomy & Physiology - B & C	Annette Gabaldon & Sofy Shrestha	CSU-Pueblo, CSU Alum
Astronomy - C	Jeremy Bray & Lou Lile	Astronomy Club
Battery Buggy - B	Bahaa Ansaf	CSU-Pueblo
Chemistry Lab - C	Acacia Dettman & Sam Nitka	CSU-Pueblo
Crime Busters - B	Tim Lundt & Matt Cranswick	Retired, CSU-Pueblo
Disease Detectives - B & C	Josh Gallegos & Kathy Nelson	Pueblo County Health Dept
Dynamic Planet - B & C	Pete Modreski & Jane Dianich	USGS
Ecology - B & C	Claire Ramos & Liz Peterson	CSU-Pueblo
Experimental Design - B & C	Hugh Long & Breana Williams	CSU-Pueblo
Fast Facts - B	Anne Casey	CSU-Pueblo
Fermi Questions - C	Jacob Buchholz	CSU-Pueblo
Forensics - C	Tim Lundt & Matt Cranswick	Retired, CSU-Pueblo
Game On - C	Lallo Vigil & Adam Pocius	CSU-Pueblo
Helicopters - C	Eric Stephen	USAFA
Herpetology - B & C	Fran Sandmeier	
Hovercraft - B & C	Chris Stern & Miguel Garcia	CSU-Pueblo
Materials Science - C	Andy Shannon & Mariah Painter	USGS
Meteorology - B	Thomas Koehler	USAFA
Microbe Mission - B & C	Jordan Steel	CSU-Pueblo
Mission Possible - C	Daniel Fisher	Roncalli Middle School
Mousetrap Vehicle - C	Mike McHenry	TTCI
Mystery Architecture - B	Devin Sammon	TTCI
Optics - B & C	Frank Zizza & Ricardo Unglaub	CSU-Pueblo
Poisons and Potions - B	Jonathan Velasco	
Remote Sensing - C	Bill Line & Jay Temple	NWS
Road Scholar - B	Steve Reiter	USGS
Rocks and Minerals - B & C	Junesse Farley & Lee Anne Martinez	Co-Springs
Roller Coaster - B	Pam & Scott Neal	Sky Beam
Solar System - B	Jeremy Bray & Lou Lile	
Thermodynamics - B & C	Dave Furry & Keenan Wyatt	Retired, CSU Pueblo
Towers - B & C	John Linck	UTC
Wright Stuff - B	John McGrath & Jerry Murphy	
Write It Do It - B & C	Shawn King	CSU-Pueblo
Scoring	Ken Schmitt	Broadcom

Colorado Science Olympiad: Southern Regional, February 17, 2018

Scheduled Events	Supervisor	Location	8-8:50	9-9:50	10-10:50	11-11:50	12-12:50	1-1:50	2-2:50
Anatomy & Physiology - B/C	Annette Gabaldon & Sofy Shrestha	LS 202		B1-B9	B10-B18	B19-B27	C1-C10	C11-C20	C21-C30
Astronomy - C	Jeremy Bray & Lou Lile	PM 103		C11-C20	C21-C30	C1-C10			
Battery Buggy - B	Bahaa Ansaf	Massari	Impound	Self-Schedule					
Chemistry Lab - C	Acacia Dettman & Sam Nitka	CHEM 408		C1-C10	C11-C20	C21-C30			
Crime Busters - B	Tim Lundt & Matt Cranswick	CHEM 304		B19-B27	B1-B9	B10-B18			
Disease Detectives B/C	Josh Gallegos & Kathy Nelson	LS 105	All Teams						
Dynamic Planet - B/C	Pete Modreski & Jane Dianich	PM 102		B1-B9	B10-B18	B19-B27	C1-C10	C11-C20	C21-C30
Ecology - B/C	Claire Ramos & Liz Peterson	LS 116		C1-C10	C11-C20	C21-C30	B1-B9	B10-B18	B19-B27
Experimental Design - B/C	Hugh Long & Breana Williams	LS 232		B19-B27	B1-B9	B10-B18	C21-C30	C1-C10	C11-C20
Fast Facts - B	Anne Casey	GCB 111	All Teams						
Fermi Questions - C	Jacob Buchholz	GCB 110	All Teams						
Forensics - C	Tim Lundt & Matt Cranswick	CHEM 304					C21-C30	C1-C10	C11-C20
Game On - C	Lallo Vigil & Adam Pocius	GCB 315		C11-C20	C21-C30	C1-C10			
Helicopters - C	Eric Stephen	Racquetball Court		Self-Schedule					
Herpetology - B/C	Fran Sandmeier	LS 119		B10-B18	B19-B27	B1-B9	C11-C20	C21-C30	C1-C10
Hovercraft - B/C	Chris Stern & Miguel Garcia	PM 121	Impound	Self-Schedule					
Materials Science - C	Andy Shannon & Mariah Painter	CHEM 313		C21-C30	C1-C10	C11-C20			
Meteorology - B	Thomas Koehler	GCB 211					B19-B27	B1-B9	B10-B18
Microbe Mission - B/C	Jordan Steel	LS 203		C11-C20	C21-C30	C1-C10	B10-B18	B19-B27	B1-B9
Mission Possible - C	Daniel Fisher	TECH 130 & 132		Self-Schedule					
Mousetrap Vehicle - C	Mike McHenry	Massari	Impound	Self-Schedule					
Mystery Architecture - B	Devin Sammon	LS 103					B10-B18	B19-B27	B1-B9
Optics - B/C	Frank Zizza & Ricardo Unglaub	PM 133		B10-B18	B19-B27	B1-B9	C11-C20	C21-C30	C1-C10
Potions & Poisons - B	Jonathan Velasco	CHEM 305					B1-B9	B10-B18	B19-B27
Remote Sensing - C	Bill Line & Jay Temple	LS 214		C1-C10	C11-C20	C21-C30			
Road Scholar - B	Steve Reiter	GCB 213					B1-B9	B10-B18	B19-B27
Rocks & Minerals - B/C	Junesse Farley & Lee Anne Martinez	CHEM 204		B1-B9	B10-B18	B19-B27	C1-C10	C11-C20	C21-C30
Roller Coaster - B	Pam & Scott Neal	Massari	Impound	Self-Schedule					
Solar System - B	Jeremy Bray & Lou Lile	PM 103					B10-B18	B19-B27	B1-B9
Thermodynamics - B/C	Dave Furry & Keenan Wyatt	LS 228	Impound	C21-C30	C1-C10	C11-C20	B19-B27	B1-B9	B10-B18
Towers - B/C	John Linck	Massari		Self-Schedule					
Wright Stuff - B	John McGrath & Jerry Murphy	Massari		Self-Schedule					
Write It Do It - B/C	Shawn King	TECH 231,232, 233		C21-C30	C1-C10	C11-C20	B19-B27	B1-B9	B10-B18

Awards Ceremony 4:00-5:30 Massari Arena

Colorado Science Olympiad: Southern Regional, February 17, 2018

Math/ Physics

PM Bldg. 1

- 102- Dynamic Planet
- 103- Astronomy (am)
Solar System (pm)
- 121 - Hovercraft—device test
- 124 - Hovercraft—written test
- 133 - Optics

Life Science

LS Bldg. 2

- 103 - Mystery Architecture
- 105 - Disease Detectives
- 116 - Ecology
- 119 - Herpetology
- 202 - Anatomy & Physiology
- 203 - Microbe Mission
- 214 - Remote Sensing
- 228 - Thermodynamics
- 232 - Experimental Design

Chemistry

CHEM Bldg. 3

- 204 - Rocks & Minerals
- 304 - Crime Busters (am)
Forensics (pm)
- 305 - Potions & Poisons
- 313 - Materials Science
- 408- Chemistry Lab

Occhiato Student Center

OSC Bldg. 16

Team Rooms
Dining

Do you need help finding your competition or team room?

Look for a Way Finder on campus!

General Classroom

Building

GCB Bldg. 4

- Lobby - Team check in
- 110 - Fermi Questions
- 111 - Fast Facts
- 211 - Meteorology
- 213 - Road Scholar
- 315 - Game On

Recreation Center

REC Bldg.18

Racquetball Crt - Helicopters

Massari Arena

Bldg. 17

Battery Buggy
Mousetrap Vehicle
Roller Coaster
Towers
Wright Stuff

Technology

TECH Bldg. 25

- 130 & 132—Mission Possible
- 231, 232, 233 - Write It Do It

Parking

W-1 W-2 W-3
N-2 N-4



Need WiFi?

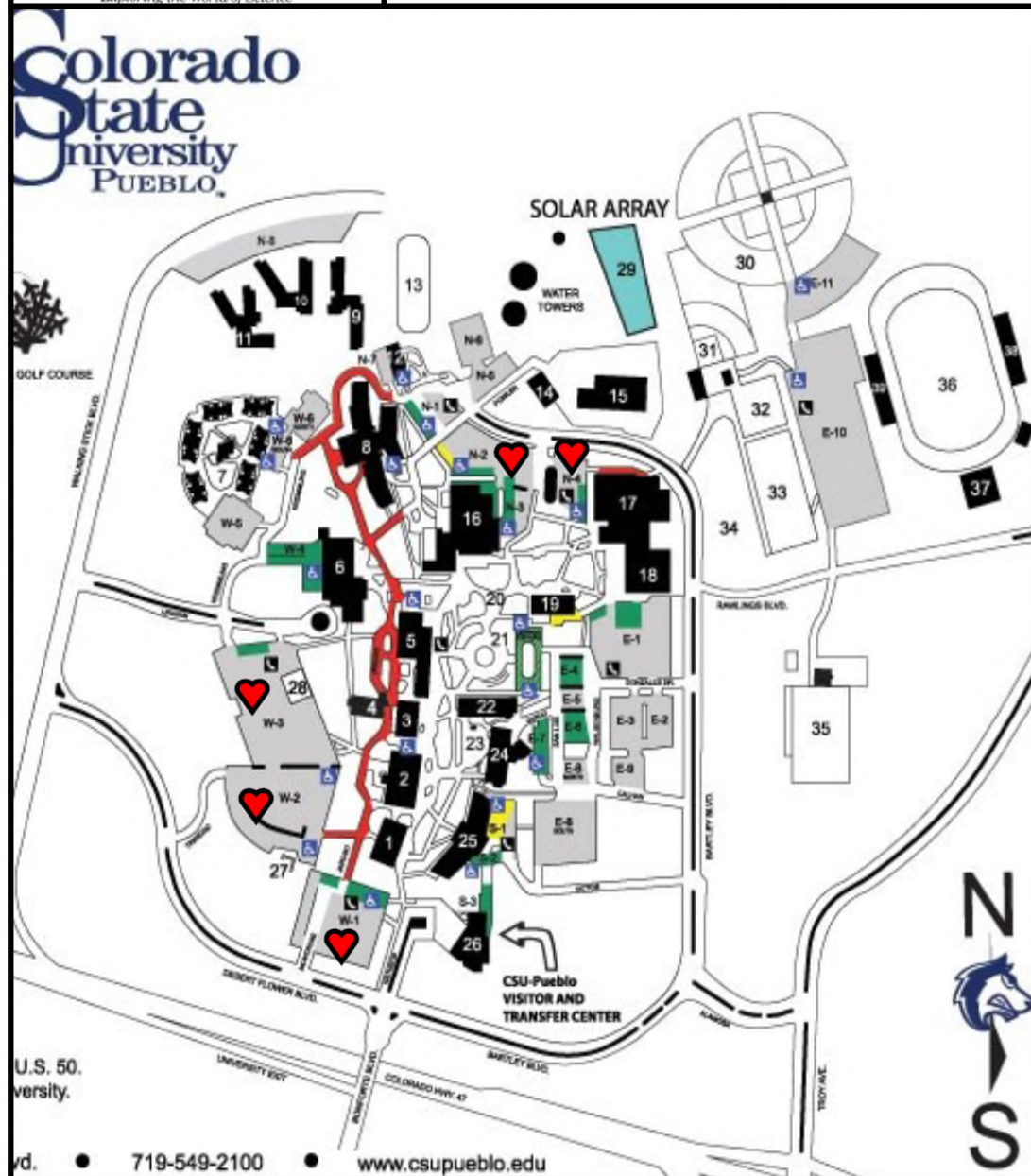
Network: Science Olympiad
Password: SoCoSciO!

Awards Ceremony:

4-5:30pm
Massari Arena
(Bldg. 17)



Colorado Science Olympiad : Southern Colorado Regional February 17, 2018



U.S. 50.
iversity.

rd.

719-549-2100

www.csupueblo.edu