Sponsored by:
U.S. DOE/NETL

2008 Southwestern Pennsylvania Regional Science Bowl

Preliminary Rounds
Saturday, February 23, 2008 - Community College of Allegheny County - South Campus
7:45  Registration - Mezzanine

8:50  Welcoming Remarks - Auditorium

*Lilas Soukup*, Science Bowl Coordinator  
U.S. DOE, National Energy Technology Laboratory, Pittsburgh, PA

*Dr. Mary Frances Archey*, Interim Senior V.P. and Campus CEO

*Carl Bauer*, Director  
U.S. DOE, National Energy Technology Laboratory

*The Honorable Tim Murphy*  
U.S. House of Representatives

*Mike Nowak*, Office of Research & Development - U.S. DOE, National Energy Technology Laboratory, Pittsburgh, PA

9:50  First Round

10:20  Second Round

10:50  Third Round

11:20  Fourth Round

12:00  Fifth Round /First Lunch  
(Divisions A & C)

12:40  Sixth Round / Second Lunch  
(Divisions B & D)

1:10  Seventh Round

1:40  Eighth Round

2:10  Ninth Round

2:40  Tenth Round

Lunch periods are noted on your divisional schedule beginning at 12:00 p.m.
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Community College of Allegheny County - South
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Phipps Conservatory
Pittsburgh Cafeteria
Pittsburgh Pirates
Pittsburgh Steelers
Pittsburgh Zoo
Sam's Club
Schneider's Dairy
Snyder's of Berlin
Wal Mart
Dear Science Bowl Participant:

I would like to welcome you and your fellow participants to the South Campus of the Community College of Allegheny County. I hope you find the experience here today exciting, informative, and challenging.

The community college has co-sponsored the Science Bowl with the National Energy Technology Laboratory since the inception of the event. We support the Science Bowl as one way to demonstrate that CCAC is an integral part of the educational community. As such, I would welcome any of you to explore our college and our programs as a four-year institute where you can get a quality education at a most affordable price. Should you enroll here, we stand ready to assist you in your academic endeavors at the time you transfer to other institutions in Western Pennsylvania.

Even if you have plans to attend another institution, we wish you well and extend the invitation to use our evening or summer school programs to enhance your knowledge base, computer skills or other academic areas of your life to enrich your opportunities for success.

Again, I welcome you and extend my best wishes in your matches today.

Dr. Mary Frances Archey
Aquinas Academy
Wayne Mikach, Coach
Tyler Deschamps, Captain
Robert Blume
Gerard Rothfus
Ryan Flaherty

Avonworth
Gregory Wolfe
Travis Koehler, Captain
Lucy Angell
Caroline Schaper
Amy Templin
Michael Swarlis

Baldwin
Susan Kostovny, Coach
Theresa Walker, Captain
Kelsey Hallinen
Donald Huang
David Dgien
Patricia Ward

Bethel Park (A)
Barbara Eisel, Coach
Andrew Pfeifer, Captain
Justin Fleischmann
Jean Lee
Katie Duerr
Jessa Koch

Bethel Park (B)
Barbara Dietz, Coach
Roma Amin, Captain
David Kotfis
Ainesh Ravi
Michael Howley
Zachary Smith

Brashear (A)
Steve Scoville, Coach
Steve Meyer, Captain
Nicole Arthur
Justin Samstag
Samantha Bastianini
Kris Agharaad

Brashear (B)
Steve Scoville, Coach
Daniel Carroll, Captain
Colby Samstag
Chris Boehm
Jessica McGough
James Dinkel

Canon-McMillan
Steve Kropinak, Coach
Tanner Barnes, Captain
Alexander Dragon
Gary McMillen
Joshua Penderville
Sachin Ravi

Chartiers Valley (A)
Donald Zier, Coach
Keith Werling, Captain
Lauren Parrish
Meeta Bhamre
Alda Leis
Pradyuma “Bobby” Paladugu

Chartiers Valley (B)
Kristen Steen, Coach
Katie Leis, Captain
Sarah Massella
Mychal Rutkowski
Sri Upadhyay
Jeffrey Yeh

Fox Chapel
Wayne Stanley, Coach
Ankur Goyal, Captain
Santhanhan Sivakanthan
Mazdak Bradberry
Tudor Achim

Gateway
Daniel Pompa, Coach
Becky Stabile, Captain
Audrey Chiao
Ekaterinia Paramonova
Arienne Valerio
William Krut

Great Commission
Darin Zimmerman, Coach
Ryan Plessinger, Captain
Jacob McCoy
Rebekah Ruhl
Amanda Clark
Madalyn Plessinger

Keystone Oaks
Michelle McSwigan, Coach
John Dougherty, Captain
Lisa Roth
Lindsey Templeton
Laura Brennfleck
Danielle Lorenz
Laurel Highlands (A)
John Yonker, Coach
Greg Turko, Captain
Nicole Fordyce
Andrew Vensko
Josef Saltz

Laurel Highlands (B)
Natalie Hospodavis, Coach
Cassie Wallace, Captain
Josh John
Ian Brooks
Mike Iannamorelli
Emily Merti

Moon Area
Judith Shuster, Coach
Ankit Medhekar, Captain
T J Ray
Ling-Ling Lee
Siddarth Govindarajan
Vash Patel

Moon Area
Judith Shuster, Coach
Maddison Paule, Captain
Aaron Johnson
Tyler Pannebaker
April Peng
Madeline Scanlon

Mt. Lebanon (A)
Tom Strong, Coach
David Wang, Captain
Anna Sims
Kevin Pardo
Spencer Fields
Max Hutchinson

Mt. Lebanon (B)
Pam Harris, Coach
Lauren Kuntz, Captain
Michael Wehar
John McGinty
Stephanie Kuo

North Allegheny
Bill Jorden, Coach
Ed Wu, Captain
Clifford Kim
Wen Xu
Namish Telang
John McElhatten

Norwin
Matthew Anticole, Coach
Peter Alfieri, Captain
Ashley Sowa
Nick Cirucci

Peters Township
Walt Jennings, Coach
Carl Mitchell, Captain
Danielle Devine
Allison Kipling
Derek Brouwer
Michael Malencia

Pittsburgh Allderdice (A)
John Milicic, Coach
Sarah LaRue, Captain
Minas Abvoyan
Zean Chen
Isaac Fisher
Anne Geller

Pittsburgh Allderdice (B)
Angela Lindenfelser, Coach
Brean Molly, Captain
Ben Hovne
Kurt Stahlfeld
Blake Barnett
David Clemens-Sewell

Pittsburgh Central Catholic
Bill Chessman, Coach
Anthony Pacella, Captain
Kevin Didominic
Jor Nuttle
Noah Haibach

Riverview
Brian Ludwig, Coach
Allison Garda, Captain
Natalie French
Amanda McClelland
Rebecca Craig
Joseph Killian

Shady Side Academy (A)
Kathy Malone, Coach
Josh Falk, Captain
Laura Bagamery
Jayant Parepally
Robert Tisherman
Varun Reddy

Shady Side Academy (B)
Heather Fani, Coach
Ajay Kanak, Captain
Margaret Fero
Madhav Iyengar
Niteesh Sundaram
brinda vijaykumar

Shaler Area (A)
David DiPasquale, Coach
Katie Cessar, Captain
Alissa Tropea
Ian Terry
Alexandra Sybo
Jason O’Neill
Shaler Area (B)
Jeff Ward, Coach
Noah Stachelek, Captain
Dominique Didiano
Kayla McKaveney
Carlo Iasella
Jonathon Vannucci

South Fayette
Joseph Winans, Coach
Garrett Vidak, Captain
Keelen Collins
Prashant Gabani
Shruti Valjee
Eric Wise

State College
Julie Gittings, Coach
Laura Gabrovsek, Captain
Emily Dong
Ruilong Ma
Lijia Wang
Jinhui Zhao

Upper St. Clair (A)
Marjorie Heins, Coach
Emily Berggren, Captain
Katherine Haggerty
John Subosits
Brett Scheller
Adam Chrissis

Upper St. Clair (B)
Marjorie Heins, Coach
Kevin Su, Captain
Cassandra Miller
Liyun Jin
Joshua Gao
Akhilesh Venkatesan

West Mifflin
Brian Aufman, Coach
Joseph Didominic, Captain
Sarah Beth Medwig
Madeline Nassida
Jim Vautier

Yough
Dana Newlin, Coach
Michael Gavalek, Captain
Matthew Steiner
Paul Machesky
Troy Markle
Ryan Kunkle

Waynesboro Area
Douglas Crist, Coach
Adam Janes, Captain
Brian Wengert
Lucas Franki
Caitlyn Hill
Logan Hough
Divisional Sportsmanship Award - Passes to Carnegie Science Center

All Schools Participating - Computer to be used in Math/Science Department

1st Place - $1000 for School Science Department, School Plaque, Individual Student Plaques, 2 computers for math/science department, participate in SSP Awards Banquet, and a trip to Washington, DC to represent SW Pennsylvania at the National Science Bowl.

2nd Place - $700 for School Science Department, School Plaque, Individual Student Plaques, 2 computers for math/science department, and tickets to Heinz History Center

3rd Place - $500 for School Science Department, School Plaque, Individual Student Plaques, 3 computers for math/science department, and a day at the Pittsburgh SuperComputing Center.

4th Place - $300 for School Science Department, School Plaque, Individual Student Plaques, 3 computers for math/science department, and tickets for Gateway Clipper Cruise.
Emily Adkins  
Trish Adkins-Coliene  
Brian Albin  
Dave Anna  
Brett Aristegui  
Irina Aristegui  
Carol Bailey  
Debra Ball  
Rand Batchelder  
Arthur Blackwell  
Floyd Boilanger  
Roxanne Bromiley  
Bruce Brown  
Donna Carman  
Phillip Carman  
Sean Carman  
Mike Ciocco  
Susan Clemons  
Karen Cohen  
Adam Coliane  
Bob Coliane  
Christopher Coliane  
Anthony Cugini  
Julie Cugini  
Mary Cugini  
Christina Danielson  
Steve DeFazio  
Paul Dell  
Rachel Dell  
Linda Descutner  
Mike Eastman  
Michelle Faber  
Tom Faber  
Baba Fapohunda  
James Ferguson  
Patrick Findle  
Paula Flenory  
Mark Freeman  
Jack Froelich  
Sharon Froelich  
Joan Gaspersic  
Rich Gebrosky  
Marisa Golden  
Janet Graeser  
Evan Granite  
Maureen Henry-LaBella  
John Hindman  
Christina Homer  
Rich Hucko  
Nicolas Huerta  
Robert Karcher  
Murphy Keller  
Brian Albin  
Fred Goellner  
Dave Anna  
Marisa Golden  
Lynn Billanti  
John Hindman  
Sharon Froelich  
Karen Lockhart  
Richard Killmeyer  
Barbara Kutchko  
Karen Lockhart  
Jan Malle  
Sharon Marchant  
John McDowell  
Linda Miller  
Bob Mchn  
Kathy Nedzesky  
Mike Nowak  
Nan Nowak  
Lorraine Parham  
Cindy Pellegrino  
Henry Pennline  
Jane Robbins  
Donna Shaffer  
Pat Sienko  
Jerry Simkonis  
April Sites  
Sarah Sites  
Debra Smerkol  
Kelsey Smerkol  
Michele Soukup  
Lilas Soukup  
Lisa Steiner  
Brian Straizsar  
Larry Sullivan  
Amanda Thompson  
Robert Thompson  
John Uziel  
Mike Nowak  
Cindy Pellegrino  
Debra Smerkel  
Lilas Soukup  
John Uziel  
Louise Vos  
Aaron Whitfield  
Dave Wildman  
Fran Wright  

Special thanks also to all of the volunteers from CCAC - South and Indiana University of PA.
The final results for the 2007 Southwestern Pennsylvania Science Bowl were:

1st Place - State College
2nd Place - Bethel Park
3rd Place - Chartiers Valley
4th Place - South Fayette

State College went on to finish 2nd in the 2007 DOE Science Bowl. Congratulations!
National Science Bowl

The National Science Bowl® is a highly visible educational event and academic competition among teams of high school students who attend science seminars and compete in a verbal forum to solve technical problems and answer questions in all branches of science and math. The regional and national events encourage student involvement in math and science activities, improve awareness of career options in science and technology, and provide an avenue of enrichment and reward for academic science achievement. Since the program began in 1991, it has brought together more than 130,000 high school math and science students from across the country. These young men and women are helping to open doors to careers in cutting-edge science, mathematics, and engineering. The U.S. Department of Energy (DOE) is proud to be the sponsor of the National Science Bowl.

Competing teams from public, private, home schools or clubs are quizzed on scientific tops in biology, chemistry, physics, astronomy, earth science and mathematics. Each team is composed of four members, one alternate and a teacher who serves as an advisor and coach. Sixty-seven high school teams from 41 states, the District of Columbia, U.S. Virgin Islands and Puerto Rico held regional competitions and participated in the 2007 National Science Bowl in Washington, DC. In 2007, awards to the top winning teams included: two weeks in Sydney, Australia, to participate in a physics workshop; a week in France to visit a nuclear energy site and environmental plants; and science research trip to a DOE site.

All 16 teams making it to the final double elimination rounds received $1,000 for their school. IBM provided Work Pads to the coaches of the top five teams and the team (voted by the volunteers) that exhibited the best sportsmanship. New to the National Science Bowl in 2003, 16 schools participated in the model hydrogen fuel cell car competition. The competition consisted of two races - a speed race and king-of-the-hill climb.

Southwestern Pennsylvania Science Bowl

The DOE’s National Energy Technology Laboratory (NETL) conducts the regional competition for high school teams in February each year. Approximately 380 students, teachers, and volunteers take part. The semi-final round-robin tournament takes place on a Saturday at CCAC with the top team from each of four divisions competing in the final double elimination matches at NETL the following Wednesday.

The winning regional team receives an expense-paid trip to the National Science Bowl in the Nation’s capital to be held May 1-6, 2008. All four schools in the finals receive a cash prize and computers for their science and math programs and all 20 students receive plaques and other prizes for their achievements.
Electronic Device Guidelines

The use of electronic devices (i.e. cell phones, pagers, MP3 players, DVD players, etc.) is not permitted during any of the public sessions of the Science Bowl by any participant (i.e., student, coach, official). Public sessions include: general meetings in the auditorium or any other conference room and competition rooms.

If a Science Bowl official observes the use of these devices during the prohibited usage periods, the device will be removed from the individual and will be returned at the conclusion of the event.

All participants are to provide their attention to the presenters during the general public session and not disturb the competitions.

Recycle Name Badges

All participants are to return their plastic name badge holders to Command Central with their completed surveys.

Thank You!