

New Jersey



Twenty-Ninth Annual **State Finals Tournament**

April 13-15, 2021

Hosted Virtually On
Scilympiad.com

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The Merck Foundation
National Science Olympiad
Scilympiad.com
Middlesex County College
Camden County College
New Jersey Institute of Technology
Union County College

What Is Science Olympiad?

Science Olympiad Mission

Science Olympiad is a national non-profit organization dedicated to improving the quality of K-12 science education, increasing male, female and minority interest in science, creating a technologically-literate workforce and providing recognition for outstanding achievement by both students and teachers. These goals are achieved by participating in Science Olympiad tournaments and non-competitive events, incorporating Science Olympiad into classroom curriculum and attending teacher training institutes.

History

Science Olympiad was created in 1982 by Dr. Gerard Putz (Michigan) and Dr. Jack Cairns (Delaware) to increase interest in science, as an alternative to traditional science fairs and single-discipline tournaments. From humble beginnings, Science Olympiad has grown to include nearly 7,000 schools from across the country and Japan. Science Olympiad is the largest multi-discipline team science competition in the nation.

The Tournament

Teams prepare throughout the school year to compete in Science Olympiad tournaments held on local, state, and national levels. These inter-scholastic competitions consist of a series of approximately 25 events that encourage learning in science, engineering, and technology.

Team Spirit

Science Olympiad events involve teamwork, group planning, and cooperation. The emphasis is on advanced learning in science through active, hands-on, group participation. Through Science Olympiad, students, teachers, coaches, principals, business leaders, and parents bond together as a team working toward a goal.

Science Olympiad provides an alternative to the "isolated scientist" stereotype and reminds students that science can be fun, exciting and challenging all at the same time. In college and beyond, students will find that the team spirit and good sportsmanship they developed during Science Olympiad will be deciding factors in their success.

Science Olympiad Research (links available at www.soinc.org)

"[Exemplary Science for Building Interest in STEM Careers](#)," article by Dr. Gerard Putz and Dr. Jennifer Wirt, "Science Olympiad: Inspiring the Next Generation of Scientists," edited by Robert Yager, NSTA Press, 2012

"[An Analysis of Science Olympiad Participants' Perceptions Regarding Their Experience with the Science and Engineering Academic Competition](#)" by Dr. Jennifer Wirt, New Jersey Science Olympiad State Director, 2011

"[Competitive Science Events: Gender, Interest, Science Self-Efficacy, and Academic Major Choice](#)" by Dr. Jennifer Harris Forrester, North Carolina State University, 2010

National Governors Association - Center for Best Practices Report, [Innovation America: Building a Science, Technology, Engineering and Math Agenda](#), 2007

[National Science Foundation Study](#), Georgia Science Olympiad, 2001-2002

New Jersey Science Olympiad Executive Committee

Dr. Jennifer L. Wirt
Director

Michael Del Corso
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Secretary

Regional/Elementary Tournament Directors

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Martha Kubik, SHRSO Elementary Tournaments
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Kimberlee Hooper

Director, School Relations - Middlesex County College

General Operations

Dr. Meenakshi Bhattacharya - West Windsor-Plainsboro HS South
Holly Crochetiere - West Windsor-Plainsboro HS North, retired
Ceil Cherill - Churchill JHS, retired
Tony Eggert - GlaxoSmithKline, retired
Nancy Eggert

NEW JERSEY SCIENCE OLYMPIAD TWENTY-NINTH ANNUAL STATE FINALS TOURNAMENT

April 13-15, 2021 – Scilympiad.com

PROGRAM

April 13 4:45 – 7:00 Event Sessions

April 14 4:45 – 7:00 Event Sessions

April 15 4:45 – 7:00 Event Sessions

April 23 5:00 Awards Assembly (Divisions B/C) - YouTube

Medal Presentations:

Medals will be announced by event in the following order:
6th place, 5th place, 4th place, 3rd place, 2nd place, 1st place

Trophy and Plaque Presentations:

Trophies and plaques will be presented:
6th place, 5th place, 4th place, 3rd place, 2nd place, 1st place

All trophies, medals, and plaques earned by teams will be shipped to their respective schools approximately one week after the awards presentation

**Want to stay connected to the most up-to-date information about
New Jersey Science Olympiad?**

Visit our Web Site at <http://www.njscienceolympiad.org>

Like us on Facebook at <http://www.facebook.com/NJScienceOlympiad>

Follow us on Twitter [@NJSciOly](https://twitter.com/NJSciOly)

TEAMS – Division B

Division B - Middle School – Grades 6 - 9			
Team Number	School	Head Coach	Location
B-01	Al-Ghazaly Jr HS (MS)	Manal Shair	Wayne
B-02	Buzz Aldrin MS	Jeff Lawton	Montclair
B-03	Central Jersey College Prep Charter School (MS)	Nima Amin	Somerset
B-04	Chapin School (MS)	Sabina Ghesani	Princeton
B-05	Churchill JHS (MS)	Rebecca Cobb	East Brunswick
B-06	Community MS	Lisa Sacca	Plainsboro
B-07	Cranbury School (MS)	Lauren Hoffman	Cranbury
B-08	Crossroads North MS	Kyle Niemis	South Brunswick
B-09	Crossroads South MS	Kyle Niemis	South Brunswick
B-10	Glen Rock MS	Heather McDermott	Glen Rock
B-11	Glenfield MS	Delia Maloy Furer	Montclair
B-12	Golda Och Academy (MS)	Arco Jeng	West Orange
B-13	Hackensack MS	Griselda Almonte Delgado	Hackensack
B-14	Hammarskjold MS	Charles Caramico	East Brunswick
B-15	Haworth Public School (MS)	Lauren Burkholder	Haworth
B-16	Heritage MS	Alex Kuziola	Livingston
B-17	Hillsborough MS	Maria Christodoulides	Hillsborough
B-18	HoLa Hoboken Dual Language Charter School (MS)	Steven Romero	Hoboken
B-19	Maria L. Varisco-Rogers Charter School (MS)	Patricia Fartura	Newark
B-20	Millburn MS	Susan Agresta	Millburn
B-21	Montgomery Upper MS	Jacquelyn Butler	Montgomery
B-22	Moorestown Friends School (MS)	Deborah Bruvik	Moorestown
B-23	New Providence MS	Holly Pizzonia	New Providence
B-24	Noor-UI-Iman School (MS)	Rubina Shaikh	South Brunswick
B-25	Renaissance at Rand MS	Todd Smith	Montclair
B-26	Robert R. Lazar MS	Deborah Marnien	Montville
B-27	Tenafly MS	Victoria Solis	Tenafly
B-28	Thomas Edison EnergySmart Charter School (MS)	Yucel Aydos	Somerset
B-29	Thomas Grover MS	Steven Per	West Windsor
B-30	Voorhees MS	Katie Tierney	Voorhees
B-31	Walter T. Bergen MS	Sarah Franke	Bloomingtondale
B-32	William R. Satz MS	Jennifer Flynn	Holmdel

TEAMS – Division C

Division C – High School Grades 9-12			
Team Number	School	Head Coach	Location
C-01	Academy for Health and Medical Sciences (HS)	Pratima Patil	Bridgewater
C-02	Al-Ghazaly HS	Sally Amer	Wayne
C-03	Bergen County Academies (HS)	Igor Zubov	Hackensack
C-04	Bergen County Technical HS - Teterboro Campus	Matthew Thom	Teterboro
C-05	Biotechnology HS	Michael Chin	Freehold
C-06	Bridgewater-Raritan Regional HS	Priya Mangano	Bridgewater
C-07	Cherry Hill HS East	Nancy Hinrichsen	Cherry Hill
C-08	Cherry Hill HS West	Sondra Castellani	Cherry Hill
C-09	Dwight-Englewood School (HS)	Sasha Burak	Englewood
C-10	East Brunswick HS	Allison McQuillen	East Brunswick
C-11	Eastern Camden County Regional HS	Cheryl Roberts	Voorhees
C-12	Edison HS	Kruti Singh	Edison
C-13	Golda Och Academy (HS)	Arco Jeng	West Orange
C-14	Governor Livingston HS	Dawn Buchan	Berkeley Heights
C-15	High Technology HS	Aimee Babbitt	Lincroft
C-16	Hillsborough HS	Minh Dang	Hillsborough
C-17	Hillside HS	Sahar Sayedahmed	Hillside
C-18	Holmdel HS	Megan Cantwell	Holmdel
C-19	Hopewell Valley Central HS	Marianna Caruso-Gilbert	Pennington
C-20	Immaculate Heart Academy (HS)	Lauren Tereshko	Twp of Washington
C-21	J.P. Stevens HS	Kristen Gumina	Edison
C-22	Kingsway Regional HS	AnnMarie Moraca	Woolwich Twp
C-23	Lawrence HS	Gwenn Andahazy	Lawrenceville
C-24	Livingston HS	Michelle Sipe	Livingston
C-25	Manalapan HS	Lauren Zodl	Manalapan
C-26	Mendham HS	Greg Racz	Mendham
C-27	Middlesex County Academy for Science, Mathematics & Engineering Technologies (HS)	Marc Weinstein	Edison
C-28	Millburn HS	Conrad Ramos	Millburn
C-29	Montclair HS	Shefali Kalra	Montclair
C-30	Montgomery HS	Christopher Resch	Montgomery
C-31	Mountain Lakes HS	Eric Szot	Mountain Lakes
C-32	New Providence HS	Rachel Fintz	New Providence
C-33	Noor-Ul-Iman School (HS)	Rana Alam	South Brunswick
C-34	Parsippany Hills HS	David Wolckenhauer	Morris Plains
C-35	Parsippany HS	John M. Piorowski	Parsippany-Troy Hills
C-36	Princeton Day School (HS)	Saahith Potluri	Princeton
C-37	Princeton HS	Renee Szporn	Princeton

C-38	Princeton International School of Mathematics and Science (HS)	Steven Chen	Princeton
C-39	Randolph HS	Andrew Palmer	Randolph
C-40	Robbinsville HS	Anupama Benegal	Robbinsville
C-41	South Brunswick HS	John Noble	South Brunswick
C-42	Sparta HS	Russell Brown	Sparta
C-43	Tenaflly HS	Anna Rubenchik	Tenaflly
C-44	The Hun School of Princeton (HS)	Shaun Workenaour	Princeton
C-45	Union County Vocational Technical Schools (HS)	Michael Sturr	Clark
C-46	West Orange HS	Michele Schultz	West Orange
C-47	West Windsor-Plainsboro HS North	Regina Celin	Plainsboro
C-48	West Windsor-Plainsboro HS South	Meenakshi Bhattacharya	West Windsor
C-49	Westfield HS	Lou Casagrande	Westfield

**2021 NJ Science Olympiad Virtual State Finals Tournament Event Schedule
April 13-15, 2021 - Scilympiad.com/NJ**

Division B					
13-Apr		14-Apr		15-Apr	
4:45 PM - 5:35 PM	6:00 PM - 6:50 PM	4:45 PM - 5:35 PM	6:00 PM - 6:50 PM	4:45 PM - 5:35 PM	6:00 PM - 6:50 PM
Disease Detectives	Dynamic Planet	Crime Busters	Anatomy & Physiology	Food Science	Density Lab
Meteorology	Heredity	Experimental Design	Circuit Lab	Game On	Fossils
	Machines	Ornithology	Road Scholar	Reach for the Stars	Water Quality

Division C					
13-Apr		14-Apr		15-Apr	
4:45 PM - 5:35 PM	6:00 PM - 6:50 PM	4:45 PM - 5:35 PM	6:00 PM - 6:50 PM	4:45 PM - 5:35 PM	6:00 PM - 6:50 PM
Anatomy & Physiology	Forensics	Chemistry Lab	Codebusters	Machines	GeoLogic Mapping
Astronomy	Fossils	Designer Genes	Disease Detective	Protein Modeling	Experimental Design
Circuit Lab		Dynamic Planet	Ornithology	Water Quality	Sounds of Music

EVENT OFFICIALS – DIVISION B EVENTS

Anatomy and Physiology	Vandana Arora	Middlesex County College
Circuit Lab	Jimmy Johnson	Lockheed Martin
Crime Busters	Delia Maloy Furer Emma Tami	Montclair School District Montclair School District
Density Lab	Christopher Herte	Montgomery Township School District
Disease Detectives	Nick Leung	Cornell University Student
Dynamic Planet	Juliana Yang	NJIT Student
Experimental Design	Michael Sheen Avhan Misra Aimee Babbin	Cornell University Student Cornell University Student Monmouth County Vocational School District
Food Science	Steven Per	West Windsor-Plainsboro Regional School District
Fossils	Ken Goldsmith	Delaware Valley Paleontological Society
Game On	Jason Sullivan	Montgomery Township School District
Heredity	Roberta Batorsky	Pennsylvania State University
Machines	Kenny Poor	Princeton University Student
Meteorology	Oguz Yildiz	Thomas Edison EnergySmart Charter School
Ornithology	Ahmet Cakir	Royal Group
Reach for the Stars	Amit Gallagher	Raritan Valley Community College
Road Scholar	Emily Miaou Peter Hung	Cal Tech So Cal Science Olympiad
Water Quality	Aysenur Ozatalay	Science Olympiad Alumni

EVENT OFFICIALS – DIVISION C EVENTS

Anatomy & Physiology	Holly Crochetiere	West Windsor-Plainsboro Regional School District (retired)
Astronomy	Jeff Xie	CACI
Chem Lab	Stacy Westhusin	Montgomery Township School District
Circuit Lab	Jim Finne Josiane Martinez	Middlesex County College Middlesex County College
Codebusters	Vincent Fong Rachel Armstrong	Cornell University Student Cornell University Student
Designer Genes	Uma Narayanan	Middlesex County College
Disease Detectives	Shirley Liang	St Lawrence Rehabilitation Center
Dynamic Planet	Amelia Adcroft	University of Oxford Student
Experimental Design	Regina Celin	West Windsor-Plainsboro Regional School District
Forensics	Vivian Duan Steven Yang	Cornell University Student Cornell University Student
Fossils	Tony Eggert Chris Baldi Carol Baldi	GlaxoSmithKline (retired)
GeoLogic Mapping	Steven Cheng	University of Pennsylvania Student
Machines	Robert Lee	
Ornithology	Bhavana Trehan	California Northstate University College of Health Sciences Student
Protein Modeling	Shuchismita Dutta	Rutgers University
Sounds of Music	Savan Patel	University of Pennsylvania Student
Water Quality	Matthew Thorn	Bergen County Technical Schools

NEW JERSEY SCIENCE OLYMPIAD CHAMPIONS

	Division B	Division C
2020	Thomas Grover MS	West Windsor-Plainsboro HS North
2020 Regionals	Al-Ghazaly MS, Community MS, Thomas Edison EnergySmart Charter School	Hillsborough HS, Montgomery HS, West Windsor-Plainsboro HS South
2019	Community MS	West Windsor-Plainsboro HS South
2019 Regionals	Community MS, Thomas Grover MS Thomas Edison EnergySmart Charter School	Millburn HS, Montgomery HS West Windsor-Plainsboro HS South
2018	Community MS	West Windsor-Plainsboro HS North
2018 Regionals	Community MS, Montgomery Upper MS Thomas Grover MS	Livingston HS, Montgomery HS West Windsor-Plainsboro HS South
2017	Community MS	West Windsor-Plainsboro HS South
2017 Regionals	Community MS, Noor-Ul-Iman School Thomas Edison EnergySmart Charter	Montgomery HS, Montville Twp HS Princeton HS
2016	Community MS	West Windsor-Plainsboro HS North
2016 Regionals	Community MS, Montgomery Upper MS Noor-Ul-Iman School	Millburn HS, West Windsor-Plainsboro HS North West Windsor-Plainsboro HS South
2015	Community MS	West Windsor-Plainsboro HS North
2015 Regionals	Community MS, Hillsborough MS Thomas Grover MS	Al-Ghazaly HS, Cherry Hill HS East West Windsor-Plainsboro HS North
2014	Community MS	West Windsor-Plainsboro HS South
2014 Regionals	Community MS, Montgomery Upper MS Noor-Ul-Iman School	Livingston HS, West Windsor-Plainsboro HS North West Windsor-Plainsboro HS South
2013	Community MS	West Windsor-Plainsboro HS South
2013 Regionals	Community MS, Montgomery Upper MS Thomas Grover MS	Livingston HS, Montgomery HS West Windsor-Plainsboro HS North
2012	Community MS	West Windsor-Plainsboro HS South
2012 Regionals	Community MS Montgomery Upper MS	Cherry Hill HS East, West Windsor-Plainsboro HS North West Windsor-Plainsboro HS South
2011	Community MS	West Windsor-Plainsboro HS South
2011 Regionals	Community MS Mt. Pleasant MS	J.P. Stevens HS, West Windsor-Plainsboro HS North West Windsor-Plainsboro HS South
2010	Community MS	West Windsor-Plainsboro HS South
2010 Regionals	Community MS, Henry Beck MS Mt. Pleasant MS	Cherry Hill HS East, Princeton HS West Windsor-Plainsboro HS North
2009	Community MS	West Windsor-Plainsboro HS South
2009 Regionals	Bergen Arts & Sciences Charter Community MS, Henry Beck MS	Lawrence HS, Livingston HS, West Windsor-Plainsboro HS North
2008	Community MS	West Windsor-Plainsboro HS North
2008 Regionals	Community MS, Henry Beck MS Pioneer Academy of Science	Livingston HS, Moorestown Friends School Princeton HS
2007	Community MS	West Windsor-Plainsboro HS South
2007 Regionals	Community MS, Haddonfield MS Pioneer Academy of Science	Eastern Camden County Regional HS, Livingston HS West Windsor-Plainsboro HS South
2006	Community MS	West Windsor-Plainsboro HS South
2006 Regionals	Community MS, Moorestown Friends School, Pioneer Academy of Science	Eastern Camden County Regional HS, Livingston HS West Windsor-Plainsboro HS South
2005	Community MS	Montgomery HS
2005 Regionals	Community MS, Medford Memorial School Pioneer Academy of Science	Eastern Camden County Regional HS, Livingston HS West Windsor-Plainsboro HS South
2004	Community MS	Montgomery HS
2004 Regionals	Community MS, Medford Memorial School Pioneer Academy of Science	Eastern Camden County Regional HS, Livingston HS Montgomery HS
2003	Community MS	Montgomery HS
2002	Community MS	Montgomery HS
2001	Montgomery MS	Montgomery HS
2000	Montgomery MS	Montgomery HS
1999	Montgomery MS	Montgomery HS
1998	Montgomery MS	Montgomery HS
1997	Montgomery MS	Montgomery HS
1996	Montgomery MS	Governor Livingston Regional HS
1995	Montgomery MS	Governor Livingston Regional HS
1994	Lawrence MS	Governor Livingston Regional HS
1993	Lawrence MS	Northern Highlands Regional HS

New Jersey Science Olympiad Expresses a Special Thank You To:

National Science Olympiad
Scilympiad.com
Peter Hung
Thuan Duong

All of our wonderful volunteers

*The teachers, coaches, parents & friends who have educated
us throughout our lives*

Science Olympiad Pledge

I pledge to put forth my best effort in the Science Olympiad tournament and to uphold the principles of honest competition. In my events, I will compete with integrity, respect, and sportsmanship towards my fellow competitors. I will display courtesy towards Event Supervisors and Tournament Personnel. My actions will exemplify the proud spirit of my school, team, and state.

Enjoy the challenge and have fun today as you strive for excellence!