

New Jersey



Twenty-Fifth Annual

State Finals Tournament

Tuesday, March 7, 2017

Hosted By
Middlesex County College

THANK YOU TO OUR HOSTS AND SPONSORS



Middlesex County College
Camden County College
New Jersey Institute of Technology
Union County College
Lucy Aracich-Hughes
Erin Prebil & Rob Willis
The Merck Foundation
National Science Olympiad



MIDDLESEX COUNTY COLLEGE – Our Host

Middlesex County College is a public community college in Edison, New Jersey offering more than 100 degree and certificate programs. Together, dedicated, teaching faculty, small classes and state-of-the-art learning technologies prepare students for transfer to complete advanced degrees and for 21st century careers. Also available are contract training and numerous non-credit courses.

At Middlesex, students receive the best value available for a quality education with low tuition and fees, scholarships and financial aid programs. Day, evening, weekend and on-line courses are offered for full-time or part-time students. Courses are offered year-round in fall, spring, winter and summer sessions. In addition to the main campus, there are centers in New Brunswick and Perth Amboy.

Founded in 1964, the beautiful main campus, a 200-acre site, provides a perfect learning environment with classroom, laboratory and recreational spaces. Each year 13,000 students are enrolled in credit courses and more than 10,000 are educated in non-credit programs. The Middle States Commission on Higher Education accredits Middlesex County College. Over 48,000 alumni are of record.

There are two academic divisions composed of fifteen academic departments offering more than 700 courses leading to Associate in Arts, Associate in Science, Associate in Fine Arts and Associate in Applied Science degrees, certificates and certificates of achievement:

Division of Arts & Sciences: English, ESL/Languages & Cultures, Health, Physical Education, Recreation & Dance, History & Social Science, Mathematics, Natural Sciences and Visual, Performing & Media Arts.

Division of Professional Studies: Accounting, Business & Legal Studies, Computer Science & Information Technology, Dental Auxiliaries Education, Engineering Technologies, Hotel, Restaurant & Institutional Management, Medical Laboratory Technology, Nursing, Radiography Education.

Most Middlesex County College programs offer graduates easy transfer to similar baccalaureate programs at colleges and universities nationwide. Articulation agreements and dual degree admission programs facilitate transfer processes. Popular transfer colleges and universities include: College of New Jersey, Columbia University, Kean University, New Jersey Institute of Technology, New York University, Pennsylvania State University and Rutgers University.

Non-credit courses and certificate programs offered by the Division of Corporate & Community Education include skills training for current job opportunities and career advancement and personal enrichment. The Institute for Management and Technical Development tailors programs for employers and employees for on campus or on site.

Campus facilities in Edison include 26 buildings: Performing Arts Center seating nearly 500 in the main theatre with adjacent Stage Theatre and Gallery; Edison Hall with art and music studios, counseling and career services offices and child care center serving the community; Physical Education Center with a 31,000 square-foot gymnasium, 25-meter swimming pool, indoor track, racquetball courts and fitness center; Library with more than 65,000 books, 750 periodicals and newspapers and multimedia resources; College Center with food services, lounges, student offices and gallery; and our newest building, Crabiel Hall with classrooms, computer labs, meeting facilities and a culinary lab demonstration kitchen. The New Brunswick and Perth Amboy Centers offer both credit and non-credit courses and provide student support services.

SUCCESS STARTS HERE

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
Glen Rock Middle School
Director

Michael Del Corso
Merck & Co., Inc.
Treasurer

Susan DeHaan
Medford Memorial School
Secretary

Regional/Elementary Tournament Directors

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Suzanne Berliner-Heyman, NJIT Regional Tournament

Meghan Walsh, Union County College Regional Tournament

Martha Kubik, West Amwell Elementary Tournament

Ferit Orcun, Passaic Arts & Sciences Charter Elementary Tournament

Kimberlee Hooper

Director, School Relations - Middlesex County College

Registration & Tabulation Chairperson

Michael Del Corso

Awards Chairperson

Nancy Eggert

General Operations

Meenakshi Bhattacharya, West Windsor-Plainsboro HS South

Holly Crochetiere, West Windsor-Plainsboro HS North

Ceil Cherill - Churchill JHS, retired

Tony Eggert - GlaxoSmithKline, retired

Score Tabulator

Nicholas Picioccio, Middlesex County College

NEW JERSEY SCIENCE OLYMPIAD TWENTY-FIFTH ANNUAL STATE FINALS TOURNAMENT

March 7, 2017 - Middlesex County College

PROGRAM

- 8:15 – 9:20 Coaches Check in – Physical Education Center, Gymnasium
Event Officials Check in – Physical Education Center, Room A153
Device Impound – located in the room where event is scheduled
- 9:30 – 2:20 Event Sessions
- 11:30 – 2:30 Lunch: Students and Coaches - College Center Cafeteria
Event Officials: Corral Room, 3rd Floor, College Center
- 3:15 – 4:30 Awards Assembly (Divisions B/C) - Physical Education Center, Gym
- Welcome: Dr. Mark McCormick
VP of Academic & Student Affairs, Middlesex County College
- Dr. Jennifer Wirt, Director, New Jersey Science Olympiad
- Presentation of Awards:
Tom Peterson, Middlesex County College
- 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

**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 & HOMEROOMS – Division B

All homerooms MUST be left in EXACTLY the same condition which you found them
Any computers located in Homerooms are NOT to be used
Students should NOT be left unsupervised in homerooms

Division B - Middle School – Grades 6 - 9			
Team Number	School	Head Coach	Home Room
B-01	Al-Ghazaly MS	Manal Shair	ED 120
B-02	Alpine MS	Rivka Rosenstein	ED 152
B-03	Buzz Aldrin MS	Jeff Lawton	ED 116
B-04	Central Jersey College Prep	Yucel Aydos	CC 104
B-05	Churchill Jr HS	Alex Bartfield	ED 113
B-06	Community MS	Lisa Sacca	ED 109
B-07	Cranbury School	Susan Lepardo	CC 115
B-08	Crossroads MS	Kyle Niemis	CC 310
B-09	Darul Arqam School	Nahla Mahmoud	CC 123
B-10	Hammarskjold MS	Krystyne Kennedy	ED 114
B-11	Hillsborough MS	Joseph McLean	ED 106
B-12	Montgomery Upper MS	Jacquie Butler	ED 118
B-13	Moorestown Friends School	Deborah Bruvik	MH 143
B-14	New Providence MS	Matthew Horner	ED 150
B-15	Noor-Ul-Iman School	Rana Alam	CC 100
B-16	Paterson Academy for Gifted & Talented	Maureen Bruins	LH 165
B-17	Pond Road MS	Karen Karpovich	CC 171
B-18	Randolph MS	Jessica Dingman	CC 102
B-19	Rising Star Academy	Hala Shehadeh	MH 103
B-20	Robert R. Lazar MS	Deborah Marnien	ED 141
B-21	Tenafly MS	Katherine McCormack Kagy	CC 174
B-22	Tenakill MS	Kevin Hernandez	MH 104
B-23	The Pingry School	Debra Tambor	MH 105
B-24	Thomas Edison Energy Smart Charter	Mehmet Yaramis	MH 106
B-25	Thomas Grover MS	Rae McKenna	ED 110
B-26	Walter T. Bergen MS	Corinne DeKeukelaere	MH 107
B-27	William R. Satz MS	Jennifer Flynn	MH 108

CC - COLLEGE CENTER BUILDING
ED - EDISON HALL
LH - L'HOMMEDIEU HALL
MH - MAIN HALL

FIRST AID: Mill Gate or Contact Campus Police
EMERGENCY: 732-906-2500

TEAMS & HOMEROOMS – Division C

All homerooms MUST be left in EXACTLY the same condition which you found them
Any computers located in homerooms are NOT to be used
Students should NOT be left unsupervised in homerooms

Division C – High School Grades 9-12			
Team Number	School	Head Coach	Home Room
C-01	Bergen County Academies	Igor Zubov	MH 109
C-02	Cherry Hill HS East	Nancy Hinrichsen	MH 110
C-03	East Brunswick HS	Steven Vendome	ED 115
C-04	Hillsborough HS	Minh Dang	ED 107
C-05	Hopewell Valley Central HS	Karen Lucci	MH 111
C-06	J.P. Stevens HS	Kristen Gumina	MH 112
C-07	Lawrence HS	Gwenn Andahazy	MH 117
C-08	Livingston HS	Erin Leighty	MH 119
C-09	Millburn HS	Christopher Schilp	MH 120
C-10	Montclair HS	Anthony Orso	ED 117
C-11	Montgomery HS	Jason Sullivan	ED 119
C-12	Montville Twp HS	Guida Faria	ED 142
C-13	Morris Hills HS	Allson Moreno	MH 122
C-14	New Providence HS	Scott Butterfield	ED 151
C-15	Noor-Ul-Iman School	Iman Buker	CC 101
C-16	Piscataway HS	Jeff Chiusano	MH 123
C-17	Princeton HS	Renee Szporn	MH 133
C-18	Princeton Day School	Brian Mayer	MH 124
C-19	Princeton International School of Math & Sci	Steven Chen	MH 134
C-20	Randolph HS	Andrew Palmer	CC 103
C-21	Robbinsville HS	Haley Poquette	CC 173
C-22	South Brunswick HS	Amrish Garg	CC 312
C-23	Tenafly HS	Eliza Vieira	CC 175
C-24	Union County Vocational Technical Schools	Jia Fang	MH 135
C-25	West Windsor-Plainsboro HS North	Jim Looney	ED 111
C-26	West Windsor-Plainsboro HS South	Sunila Sharma	ED 112
C-27	Westfield HS	Lou Casagrande	MH 136

CC - COLLEGE CENTER BUILDING

ED - EDISON HALL

LH - L'HOMMEDIEU HALL

MH - MAIN HALL

FIRST AID: Mill Gate or Contact Campus Police

EMERGENCY: 732-906-2500

2017 NJ Science Olympiad State Finals Tournament Event Schedule
Tuesday March 7, 2017 (snow date 3/9) - Middlesex County College
Division B

Event (B)	Room	Impound 8:15 - 9:20	Session 1 9:30 - 10:20	Session 2 10:30 - 11:20	Session 3 11:30 - 12:20	Session 4 12:30 - 1:20	Session 5 1:30 - 2:20	
Anatomy & Physiology	MH 125		1 - 9	10 - 18	19 - 27			
Bio-Process Lab (Trial) (3)	LH 135		1 - 9		10 - 18	19 - 27		
Bottle Rocket (2) *	Parking Lot 6A		Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Crime Busters	MH 223		1 - 9	10 - 18	19 - 27			
Disease Detective	BH 208		10 - 18	1 - 9	19 - 27			
Dynamic Planet	MH 100		1 - 9	10 - 18		19 - 27		
Ecology	MH 118		19 - 27	1 - 9	10 - 18			
Experimental Design	BH 108		10 - 18	19 - 27	1 - 9			
Fast Facts	CB 123			1 - 9	19 - 27	10 - 18		
Food Science	LH 103		19 - 27	10 - 18		1 - 9		
Hovercraft (1,2)	CB Brunswick 1	Impound	Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Invasive Species	BH 211		1 - 9	10 - 18	19 - 27			
Meteorology	CB 121		1 - 9	10 - 18		19 - 27		
Microbe Mission	LH 102		19 - 27	1 - 9	10 - 18			
Mission Possible (1,2) *	CC Art Gallery	Impound	Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 4 Available) Maximum 7 teams per session					
Optics	LH 100		10 - 18	19 - 27	1 - 9			
Picture This (Trial) (2,3)	MH 131/132		Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 8 teams per session					
Reach For The Stars	CB 119		10 - 18	19 - 27	1 - 9			
Road Scholar	CC 319-321		10 - 18	1 - 9	19 - 27			
Rocks and Minerals	MH 217		1 - 9	19 - 27	10 - 18			
Scrambler (1,2) *	CC Café C	Impound	Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Towers (2) *	BH Atrium		Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Wind Power (1)	BH 206	Impound	19 - 27	1 - 9	10 - 18			
Wright Stuff (2) *	PE Gym		Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 7 teams per session					
Write It / Do It	MH 115/116		19 - 27	10 - 18	1 - 9			

Room Legend	
BH	Billy Johnson Hall
CB	Crabiel Hall
CC	College Center
GYM	PE Building GYM
JH	Johnson Learning
LH	L'Hommedieu Hall
MH	Main Hall

* - Events open to spectators
(1) Device must be impounded, at event location, between 8:15 - 9:20 AM - NO EARLY IMPOUNDING
(2) Teams MUST sign up via online scheduling for a timeslot prior to the tournament
(3) Trial events are open to alternates as well as regular team members. Results count to overall team results.

Numbers in blocks correspond to team numbers. Teams MUST compete in assigned session times.
Students in events taking place in the Gym MUST WEAR SNEAKERS (socks are not acceptable)

2017 NJ Science Olympiad State Finals Tournament Event Schedule
Tuesday March 7, 2017 (snow date 3/9) - Middlesex County College
Division C

Event (C)	Room	Impound 8:15 - 9:20	Session 1 9:30 - 10:20	Session 2 10:30 - 11:20	Session 3 11:30 - 12:20	Session 4 12:30 - 1:20	Session 5 1:30 - 2:20	
Anatomy & Physiology	CB 124		1 - 9	10 - 18		19 - 27		
Astronomy	CB 122			1 - 9	19 - 27	10 - 18		
Chemistry Lab	MH 200		1 - 7	8 - 14	15 - 21	22 - 27		
Compound Machines - Trial (1,3)	BH 204	Impound	1 - 9	10 - 18	19 - 27			
Disease Detective	BH 203		10 - 18	19 - 27	1 - 9			
Dynamic Planet	MH 209		1 - 9		10 - 18		19 - 27	
Ecology	MH 142			10 - 18	19 - 27	1 - 9		
Electric Vehicle (1,2) *	CC Café B	Impound	Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Experimental Design	CB Raritan		19 - 27	1 - 9	10 - 18			
Forensics	MH 214		10 - 18		1 - 9	19 - 27		
Game On	BH 205		1 - 9	10 - 18	19 - 27			
Helicopters (2) *	PE Gym		Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 7 teams per session					
Hovercraft (1,2)	CB Brunswick 2	Impound	Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Hydrogeology	BH 207		19 - 27		1 - 9		10 - 18	
Invasive Species	LH 119			19 - 27	10 - 18		1 - 9	
Materials Science	LH 200		19 - 27	1 - 9		10 - 18		
Microbe Mission	LH 255			10 - 18		1 - 9	19 - 27	
Optics	LH 101		1 - 9		19 - 27		10 - 18	
Protein Modeling - Trial (1,3)	JL 222	Impound		1 - 9	10 - 18	19 - 27		
Remote Sensing	MH 210		19 - 27	10 - 18			1 - 9	
Robot Arm (2) *	CB Amboy		Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Rocks and Minerals	BH 210		10 - 18	1 - 9		19 - 27		
Towers (2) *	CB Atrium		Teams MUST sign up via online scheduling for a timeslot. (Sessions 1 - 5 Available) Maximum 6 teams per session					
Wind Power (1)	LH 131	Impound		19 - 27	10 - 18	1 - 9		
Write It / Do It	MH 113/114		10 - 18	1 - 9	19 - 27			

Room Legend	
BH	Billy Johnson Hall
CB	Crabiel Hall
CC	College Center
GYM	PE Building_GYM
JH	Johnson Learning
LH	L'Hommedieu Hall
MH	Main Hall

* - Events open to spectators

(1) Device must be impounded, at event location, between 8:15 - 9:20 AM - NO EARLY IMPOUNDING

(2) Teams MUST sign up via online scheduling for a timeslot prior to the tournament

(3) Trial events are open to alternates as well as regular team members. Results count to overall team results.

Numbers in blocks correspond to team numbers. Teams MUST compete in assigned session times.

Students in events taking place in the Gym MUST WEAR SNEAKERS (socks are not acceptable)

**NEW JERSEY SCIENCE OLYMPIAD 2017 STATE FINALS
EVENT OFFICIALS – DIVISION B EVENTS**

Anatomy & Physiology	Oguz Yildiz	Thomas Edison EnergySmart Charter School
Bio-Process Lab (trial)	Roberta Batorsky Susan DeHaan	Temple University Medford Memorial School
Bottle Rocket	Lee Shoener Bill Treichel Rob Willis Ray Graglia	Merck & Co., Inc. Merck & Co., Inc. Merck & Co., Inc. US Dept of Veterans Affairs, retired
Crime Busters	Chris Baldi	New Jersey Institute of Technology
Disease Detective	Shirley Liang Scott Kennedy	St. Lawrence Rehabilitation Center Merck & Co., Inc.
Dynamic Planet	Christopher Herte	Montgomery Middle Schools
Ecology	Rana Alam	Noor-Ul-Iman School
Experimental Design	Susan DeHaan	Medford Memorial School
Fast Facts	Allyson Moreno Stefana Niemo	Morris Hills HS Morris Hills HS
Food Science	Abraham Park Amira Esseghir-Ezzyat	Massachusetts Institute of Technology Student Rutgers School of Dental Medicine Student
Hovercraft	Jason Cabrejos Juta Nolan	MAQUET Cardiovascular Retired Educator
Invasive Species	Michael Mu Casandra Gabriele	Emory University Student Rutgers School of Public Health
Meteorology	Gloria Del Corso Vicky Gorman	Florham Park Public Schools, retired Medford Memorial School
Microbe Mission	Vandana Aorora	Middlesex County College
Mission Possible	Curt Hillegas Frank Walter John Connacher Robert Morris Griff Humphreys Paul Lobben Ian Cosden Alexey Svyatkovskiy	Princeton University Retired Educator Princeton University FMC Corporation Bristol-Myers Squibb Bristol-Myers Squibb Princeton University Princeton University
Optics	Event Cancelled	Event Cancelled
Picture This (trial)	Shibani Sharma Caroline Thompson	Merck & Co., Inc. Merck & Co., Inc.
Reach for the Stars	Amie Gallagher Kevin Schindler	Raritan Valley Community College Raritan Valley Community College
Road Scholar	Edward Apalinski Daniel Oliva	NJ Department of Environmental Protection NJ Department of Environmental Protection
Rocks and Minerals	Tony Eggert	GlaxoSmithKline, retired
Scrambler	Michael Del Corso Matt Dubno	Merck & Co., Inc. Baldwin & Obenauf Inc.
Towers	Jim Finne Dan Grek Izabela Jedruchniewica	Middlesex County College Middlesex County College Middlesex County College
Wright Stuff	Chris Moyer George Moyer Raul Rodriguez	Merck & Co., Inc. Merck & Co., Inc.
Wind Power	Junlan Lu Joe Trybulski	Cornell University Student Hillsborough MS
Write It – Do It	Cheryl Bromwich Howard Bromwich Bob Mack Nadine Mack	North Brunswick Schools Self-Employed Bridgewater-Raritan Schools North Brunswick Schools

**NEW JERSEY SCIENCE OLYMPIAD 2017 STATE FINALS
EVENT OFFICIALS – DIVISION C EVENTS**

Anatomy & Physiology	Holly Crochetiere	West Windsor-Plainsboro HS North
Astronomy	Nitika Yadlapalli Michelle Xie	Rutgers University Student
Chemistry Lab	Cindy Jaworsky Connor Criscoe	West Windsor-Plainsboro HS South NJIT Student
Compound Machines (trial)	Samuel Cutler Jia Fang	Rutgers University Student Union County Vocational Technical Schools
Disease Detective	Shirley Liang	St Lawrence Rehabilitation Center
Dynamic Planet	Jeff Xie John Noble	Columbia University Student South Brunswick HS
Ecology	Meenakshi Bhattacharya	West Windsor-Plainsboro HS South
Electric Vehicle	Lawrence Li David Pace Karol Teliscak	Merck & Co., Inc. Merck & Co., Inc. Merck & Co., Inc.
Experimental Design	Stacy Westhusin	Montgomery HS
Forensics	Shari Degenshein Brian Murtagh	Edison HS Edison HS
Game On	Jason Sullivan	Montgomery HS
Helicopters	Raj Baxi Vincent Perla	Merck & Co., Inc. Merck & Co., Inc.
Hovercraft	Jimmy Johnson Hong Tang	Lockheed Martin Senior Fellow RBC Capital
Hydrogeology	Regina Celin	West Windsor-Plainsboro HS North
Invasive Species	James Looney	West Windsor-Plainsboro HS North
Materials Science	June-Ho Park Steven Chen	Princeton University Student Princeton International School of Math & Sci
Microbe Mission	Uma Narayanan	Middlesex County College
Optics	Phil Chao George Sun	Montgomery HS University of Washington Student
Protein Modeling (trial)	Luigi Di Costanzo Shuchismita Dutta Irina Persikova Chenghua Shao	RCSB Protein Data Bank, Rutgers University RCSB Protein Data Bank, Rutgers University RCSB Protein Data Bank, Rutgers University RCSB Protein Data Bank, Rutgers University
Remote Sensing	Raymond Zhang Brian Carey	Cornell University Student Livingston HS
Robot Arm	Bill Davis Daren Stotler Greg Tchilinguirian	Princeton Plasma Physics Lab Princeton Plasma Physics Lab Princeton Plasma Physics Lab
Rocks and Minerals	Jennifer White	Najarian Associates
Towers	Jim Finne Dan Grek Izabela Jedruchniewica	Middlesex County College Middlesex County College Middlesex County College
Wind Power	Junlan Lu Craig Buszka	Cornell University Student Montgomery HS
Write It – Do It	Jose Rivera Erik Johannessen Dan Shapiro	Merck & Co., Inc. Merck & Co., Inc. Merck & Co., Inc.

TWENTY-FIVE YEARS OF CHAMPIONS

	Division B	Division C
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 2017 STATE FINALS
MIDDLESEX COUNTY COLLEGE STUDENT VOLUNTEERS**

Aishah Shabazz
Aziza Saad
Dharti Patel
Mana Sandhu
Mark Orzeszko
Payal Sheth

Aktaben Patel
Brett Witt
Hernan Lugos
Mansi Shah
Naitri Patal
Primit Desai
Zaineb Ashraf

Alex Radulescu
Chuang Zhao
Isabel Espana
Marissa Sarwan
Nupur Kadam
Rajkumar Patel

New Jersey Science Olympiad Expresses a Special Thank You To:

Middlesex County College
Kimberlee Hooper
Laura Norek
The College Maintenance Staff
The Students of Middlesex County College
Middlesex County College Copy Center

Rick Bernstein
MBM Advertising Corporation

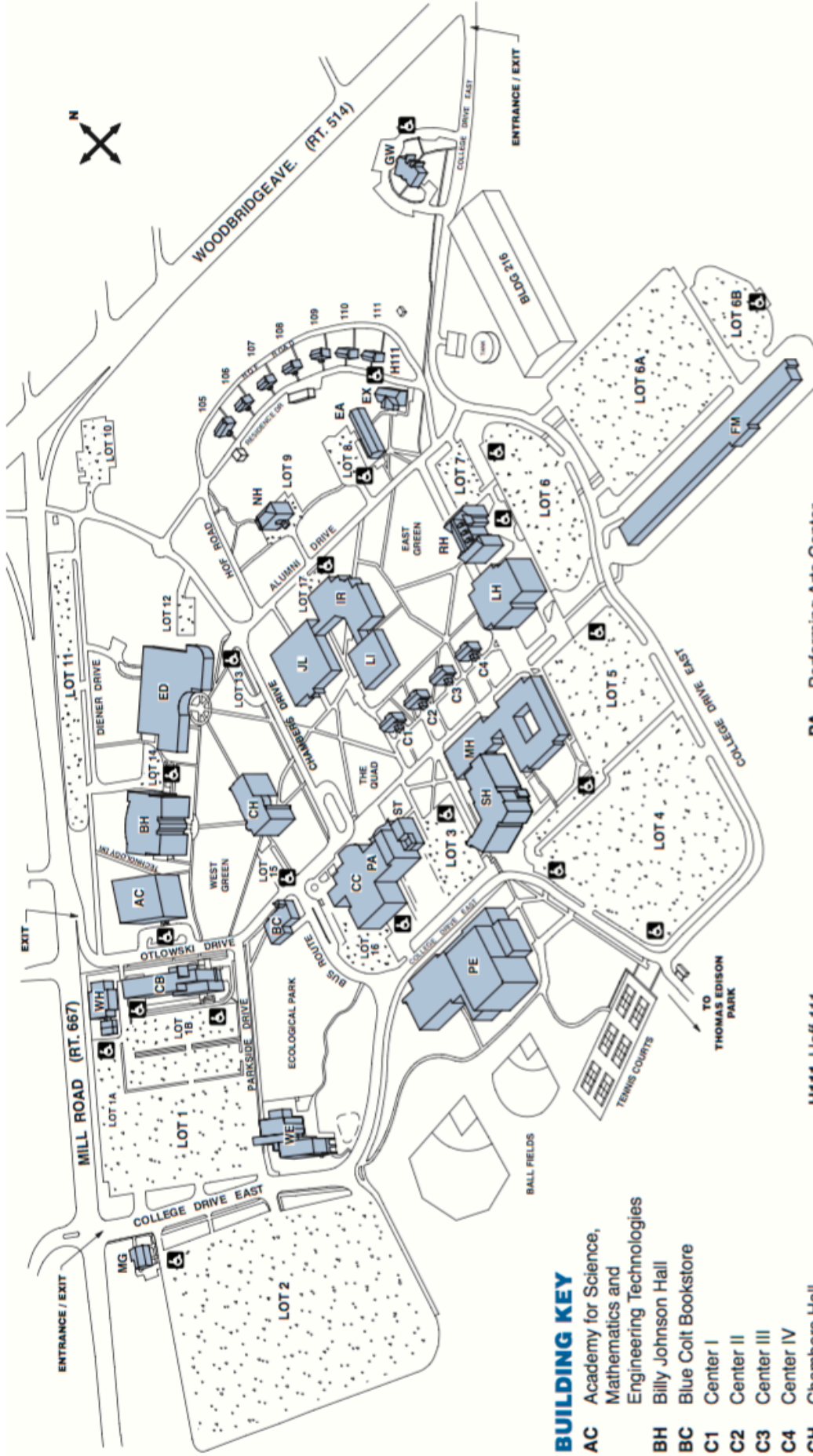
National Science Olympiad

***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!



BUILDING KEY

- AC Academy for Science, Mathematics and Engineering Technologies
- BH Billy Johnson Hall
- BC Blue Colt Bookstore
- C1 Center I
- C2 Center II
- C3 Center III
- C4 Center IV
- CH Chambers Hall
- CB Crabiel Hall
- CC College Center
- EA East Hall
- EX East Hall Annex
- ED Edison Hall
- FM Facilities Management
- GW Gateway - Police / Information
- H111 Hoff 111
- IR Instructional Resource Center
- JL Johnson Learning Center
- LH L'Hommedieu Hall
- LI Library
- MG Mill Gate
- MH Main Hall
- NH North Hall
- PA Performing Arts Center
- PE Physical Education Center
- RH Raritan Hall
- SH South Hall
- ST Studio Theatre
- WE West Hall
- WH West Hall Annex
- 111 MCC Foundation

PARKING LOTS

- Students - 1, 1A, 2, 4, 6, 6A
- Faculty / Staff - 1B, 5, 6B, 7, 8, 9, 10, 11, 16
- Visitors - 3, 15
- Disabled - All Lots
- Day Care Center - 12