

COMMENCEMENT OF THE
CLASS OF 2010

Illinois Mathematics and Science Academy[®]



Saturday, June 5, 2010
10:00 a.m.

Paramount Theatre
Aurora, Illinois

PROGRAM

Prelude	Illinois Mathematics and Science Academy IMSA Graduation Choir
<i>Selections performed by IMSA Graduation Band</i>	Mary Beth McCarthy, Conductor
<i>Selections performed by the IMSA Graduation Choir</i>	Sarah Wiggins, Conductor
Processional	Illinois Mathematics and Science Academy IMSA Graduation Band
<i>Pomp & Circumstance from Military Marches op.39, no. 1</i>	Edward Elgar
(Please rise as the graduates enter and remain standing for the Pledge of Allegiance.)	
Pledge of Allegiance	Sid Sapru President, Student Council
Welcome – Reflections on This Day	Michael A. Mirski Member, Class of 2010
Reflections on IMSA	Gabriella Heller Member, Class of 2010
Introduction of Commencement Speakers	Steven T. Isoye Chairman, Board of Trustees
Commencement Address	Richard Rhodes Winner of the Pulitzer Prize in Nonfiction, National Book, and National Book Critics Circle Awards
Presentation of the Class of 2010	Eric G. McLaren, Ed.D. Principal
Acceptance of the Class of 2010	Glenn “Max” McGee, Ph.D. President
Presentation of Diplomas and Medallions	Steven T. Isoye Glenn “Max” McGee, Ph.D.
Presentation of Candidates	Meena Iyer Member, Class of 2010 Jesse Fitzpatrick Member, Class of 2010
Recessional	Illinois Mathematics and Science Academy IMSA Graduation Band
<i>The Stars and Stripes Forever</i>	John Philip Sousa/Mark Hindsley

GRADUATION MARSHALS

Members, Class of 2011

Shawon Jackson
Samir Mishra

Cassie Parks
Satoe Sakuma

Michael Salihoglu
Dharti Shah

Nicholas David Virgl
Megan Wu

(Please remain in the Theatre until all graduates and staff have exited.)

THE WORLD HAS TAKEN NOTICE OF IMSA'S ACHIEVEMENTS

The Illinois Mathematics and Science Academy® (IMSA) has become one of the world's leaders in developing talent and leadership in science, technology, engineering and mathematics.

IMSA was named the winner of the 2009 *Intel Schools of Distinction Star Innovator Award*. Each year, only one educational institution in the nation is the recipient of this prestigious recognition.

The Wall Street Journal named IMSA among the top 40 public and private college preparatory institutions in the world for placing graduates in U.S. Ivy League and highly selective colleges and universities.

Newsweek included IMSA among the "Public Elites" in its list of 16 public secondary educational institutions with the highest ACT and SAT scores in the nation.

Student Inquiry and Research at IMSA is one of only 18 science education models in the nation to be included in the National Science Teachers Association book, *Inquiry: The Key to Exemplary Science*. Chapter four of the book, "Student Inquiry and Research: Developing Students' Authentic Inquiry Skills," features IMSA's inquiry-based program.

IMSA's innovative educational programs have enabled students to earn numerous awards and recognition from national and global competitions including the American Junior Academy of Science at the American Association for the Advancement of Science, High School Mathematical Contest in Modeling (HiMCM), Intel International Science and Engineering Fair, Intel Science Talent Search, International Physics Olympiad, National Russian Essay Contest, sanofi-aventis International BioGENEius Challenge and Siemens Westinghouse Competition.

IMSA students have authored and co-authored articles for distinguished publications such as *Biology of Reproduction*, *Inorganic Chemistry*, *Learning and Leading with Technology*, *Molecular Ecology Resources*, *Nature*, *Neuroscience Research Communications* and *The Science Teacher*.

As undergraduate and graduate students, IMSA alumni receive numerous academic, research and leadership accolades including Fulbright, Marshall, National Science Foundation, Rhodes, Truman and Siebel Scholarships.

IMSA's highly accomplished alumni are forging new frontiers as nationally recognized scientists, entrepreneurs, information technology experts and leaders in other fields. IMSA alumni were part of the start-up teams that created Netscape, PayPal and YouTube. Other alumni are leading breakthroughs in neonatal care and cancer treatments, serving our country as military pilots, treating the uninsured in urban health clinics and working for NASA on the new Mars Rover project.

As a resource for the people of Illinois, the Academy serves thousands of educators and students in Illinois and beyond. IMSA's award-winning statewide programs include teacher professional development in research-based and practice-proven instruction in mathematics, science and technology. The Academy's statewide programs also ensure that young students, particularly the underserved, have opportunities to excel in mathematics and science. To help expand its programs and services, IMSA opened Field Offices in Chicago and in the Metro East area.

IMSA's models of teaching and learning are recognized abroad. Delegations of educators from countries including Australia, Brazil, China, Israel, Japan, Jordan, Korea, Netherlands, Philippines, Singapore and Thailand come to IMSA to study curriculum and instructional models.

IMSA CLASS OF 2010 ACHIEVEMENTS

The accomplishments of the Class of 2010 are too varied and numerous to list all individually. Below is a snapshot of this past year (as of May 11, 2010) which gives you a picture of the students' remarkable achievements. Many other students also received awards in statewide humanities, mathematics, science, athletic and performance venues.

National Advanced Placement Scholar: Bonny Jain

Advanced Placement Scholars With Distinction: Kevin Chen, Anusha Kumar, Shyam Saladi, Anderson West, Faythe Wu

Advanced Placement Scholars With Honors: Aaron Bruder, Irene Chen, Lawrence Kim, Eric Lin, Michael Mirski, Peter Nebres, Liana Nicklaus, Amy Zhou

American Invitational Mathematics Examination: 13 seniors qualified

Group Achievements:

High School Mathematical Contest in Modeling (HiMCM):

National Outstanding Papers Award

Paul Chung, Bonny Jain, Seohyun Kim, Vladislav Kontsevoi, Andrew Lee, Sid Narayanan

Illinois High School Association (IHSA) State Solo Ensemble Contest: 15 - 1st place awards

David Kwak, 1st Place Perfect Score, Piano Solo

Illinois Music Educators Association (IMEA) All-State Competition & Festival:

Kevin Chen, selected for membership in All-State Honor Orchestra

Elizabeth Richardson, selected for membership in All-State Honor Band

Mathematics Team: 1st in Illinois Council of Teachers of Mathematics (ICTM) Contest

Irene Chen, Jayanshu Jain, Alina Kononov, Vladislav Kontsevoi, Lucy Li, Peter Nebres, James Pan, Sabrina Pasterksi

Scholastic Bowl Team: 3rd in State

Bonny Jain, Weili Zheng

Science Olympiad Team: 3rd in State

Anusha Kumar, 1st Place - Disease Detectives & Cell Biology

Irene Chen, 1st Place - Remote Sensing

Grace Chan, Christine Pak, James Pan, 2nd Place - Protein Modeling

Santina Lin, 3rd Place - It's about Time

Andrew Lee, 3rd Place - Model This

Illinois Junior Academy of Sciences Gold Medal Winners: Michael Gleeson, Jonathan Loucks, Peter Nebres, Shyam Saladi, Yiru Tao, Weili Zheng

Intel Science Talent Search Semi-finalists: Irene Chen, Bonny Jain, Vladislav Kontsevoi, Anusha Kumar

John H. McEachern, Jr. Exemplary Service Award Winner: Amy Allen

Knight Family IMSA Scholarship Winner: Amy Allen

Mary Van Verst Love of Science Scholarship Winner: Anusha Kumar

National Achievement Finalist: Bernice Fokum

National Merit Finalists: 36 seniors

National Russian Essay Contest: 15 seniors received medals overall – Amy Allen, Gabriela Cardoso, Salvador Esparza, Shrvanthy Gumidyala, Judith Hooymans earned gold medals, Emerald Fannin, Jade Martin, Isolina Rossi, and Jacklyn Tusack earned silver medals, and Evan Adcock earned a bronze medal in the final round of advanced level judging at the Pushkin Institute in Moscow.

Presidential Scholars Program Semi-finalist: Anusha Kumar

Shing-Tung Yau High School Mathematics Gold Award Winner: Irene Chen

Siemens Award Competition Semi-finalists: Vladislav Kontsevoi, Anusha Kumar, Jonathan Park, Nancy Yu

Siemens Award for Advanced Placement: Bonny Jain

U.S. Physics Team Semi-finalists: Bonny Jain, Sabrina Pasterksi

United States of America Mathematics Olympiad: Bonny Jain, Vladislav Kontsevoi qualified

The class of 2010 has contributed more than 31,000 hours to the citizens of Illinois in a variety of ways: tutoring, mentoring, and teaching as well as volunteering in medical centers, senior citizen and youth centers, food pantries, through the Muscular Dystrophy Association, Habitat for Humanity, schools, libraries, and museums. One hundred hours of community service are required for graduation. Special recognition to: Gabriella Heller-722 hours, Nikita Shah-583 hours, Jonathan Loucks-528 hours, Pruthvi Kothari-496 hours, Anthony Castelli-473 hours, Andrew Ericson-438 hours, Brandan Matthews-424 hours, Troy Makulec-404 hours, and Nirali Shah-377 hours.

2010 SENIORS

Evan Bradley Adcock Cary	Kevin Chen Naperville	Linna Ling Guan Naperville	Eric Kwan Round Lake
Vashti A. Aguilar Bolingbrook	Susan Chen Mokena	Shravanthy Krishna Gumidyala Bolingbrook	Benjamin L. Kyi Oak Brook
Sara Ezgi Akgul Naperville	Robert K. Cheung Herrin	Trevor James Hahm Bloomington	Rachael Elise Lambert Belleville
Mariam Temidayo Alaka Chicago	Imran Zafar Choudhry Addison	Jackson Miller Hallauer DeKalb	Allison Annie Larrabee Chicago
Amy Joanne Allen Batavia	Paul JaeYoung Chung Barrington	Lauraleigh Anne Heffner Woodstock	Andrew M. Lee Darien
Laura Leticia Amaro Aurora	David Contreras Aurora	Gabriella T. Heller Highland Park	Lucy Frances Li Naperville
Siana Morgan Aspy Carol Stream	Lydia Eve Cornejo Bensenville	Andrew Stephen Heuser Wauconda	Eric Lin Naperville
Kelly Ann Austen Algonquin	Nicacio Corral Montgomery	Alexandra Anne Hizek Chicago	Sheng-Ting Lin Sycamore
Jake Edward Ayala Wilmington	Elsa Costa Eola	Judith Ann Hooymans Batavia	Iris Zhengzheng Liu Naperville
Dawna Pariya Bagherian Northbrook	Ashley Rose Czaplicki Chicago	Nicole Christine Howard Cary	David Fillmer Lorentzen Deer Grove
Amishi Bajaj Oak Brook	Jonathan D. Czerwonka Crystal Lake	Terrance Howard Lynwood	Jonathan Dean Loucks Sesser
Duncan Wesley Baker Plainfield	Robert Howard Dawson Grayslake	Jennifer Chi Wei Hu Wheaton	Troy Buenz Makulec Rockford
Evan Mehn Balzuweit Algonquin	David T. Derry Canton	Jessica Lynn Hunter Macomb	Esebia Ariel Mantey Matteson
Joseph Neil Bates Warrenville	Sharada G. Dharmasankar Aurora	Meena K. Iyer Elmhurst	Zachary William Maril Wayne
Jennifer Lynn Bennett Gilberts	Joseph E. Donahue Evergreen Park	Bonny Jain Moline	Jade Maria Martin Eldorado
Stephanie Reyes Bernardo Downers Grove	Allan C. Dong Centralia	Jayanshu Jain Wheeling	Leslie Nicole Martin Park Forest
Shelly S. Bhanot Barrington Hills	Ana Sabina Dumitrescu Ottawa	Sara Marie Johnson Aurora	Maria Alejandra Martinez Oswego
Aaron Joshua Bruder Grayslake	Andrew Keith Ericson Galva	Dong Woo Jung South Elgin	Stephanie Martinez Elgin
Jessica Marie Burash Grand Ridge	Salvador Esparza Berwyn	Julia Alexandra Kaczmarek Glen Ellyn	Brandan Paul Matthews Matteson
Aryssa Symone Burton Chicago	Emerald Loren Fannin Cortland	Ankita Khandai Aurora	Joshua D. McCoskey Normal
Gabriela J. Cardoso Berwyn	Jesse Walker Fitzpatrick Waterman	Lawrence H. Kim Champaign	Matthew Brian Andrew McDermott Lemont
Andrea Danielle Castaldo Springfield	Abigail Frances Flynn Glen Ellyn	Seohyun Kim Schaumburg	Max Mitchell McKittrick Batavia
Anthony J. Castelli Collinsville	Bernice Mbongoh Fokum Springfield	Adelina Tzvetanova Koleva Naperville	Samantha A. McPeak Gurnee
Grace Christie Chan Chicago	Katherine Marceil Funderburg Springfield	Alina Kononov Buffalo Grove	Michael Alexander Mirski Naperville
Cecilia J. Chang Oak Brook	William Aedan Getz Peoria	Vladislav Olegovich Kontsevoi Evanston	Alexander Bartolo Muñoz Mount Prospect
Anna Chen Elk Grove Village	Lakshmi Raghavendra Girijala Naperville	Pruthvi J. Kothari Saint Charles	Elizabeth Ann Murphy Chicago
Bo Chen Palatine	Justin Alexander Glasper University Park	Anusha M. Kumar Moline	Vaisak O. Nair Naperville
Irene X. Chen Chicago	Michael Joseph Gleeson Downers Grove	Kaitlyn N. Kunstman Bolingbrook	Harika Nalluri Naperville
Kaijia Jenny Chen Naperville	Samuel Nelson Groesch Glen Ellyn	Dong Hyun Kwak Palatine	Siddharth M. Narayanan Dunlap

Peter John Nebres Naperville	Elizabeth Rose Richardson Batavia	Christopher Alexander Stovall Park Forest	Mao Michael Yamakawa Hoffman Estates
Liana Christine Nicklaus Batavia	Alejandro Rojas Aurora	Danielle Patrice Strickland Justice	Huan Yu Springfield
Thomas William Oberhardt Chicago	Aldo Matthew Rossi Tremont	Zehua (Adam) Sun North Aurora	Elizabeth Jane Zaretsky Buffalo Grove
Karl Joseph Ochmanek Berwyn	Isolina Ruth Rossi Tremont	Yiru Tao Lisle	Weili X. Zheng Inverness
Jason Robert Olson New Lenox	Priya Pravin Roy Belvidere	Shilpa Rupanagudi Topudurti Champaign	Amy Zhou Vernon Hills
Christine Jeehye Pak Skokie	Michelle M. Rudolph Lemont	Jacklyn Marie Tusack Monee	
James Hao Pan Naperville	Shyam Madhukar Saladi Glencoe	Stephanie Stephen Vanchipurakal Flossmoor	
Anita Parikh Schaumburg	Jeselle Valenzuela Santiago Woodridge	Shivam C. Vedak Crystal Lake	
Jonathan Joon-Young Park Chicago	Sidanth Sapru Naperville	Lokamitra Veeramasuneni Round Lake	
James Michael Parkin Warrenville	Hannah Elizabeth Schmitt Rockford	Sarah Minh Thu Vo Lake in the Hills	
Sabrina Gonzalez Pasterski Chicago	Evan Charles Schwerbrock Kewanee	Mason William Volk Lake Forest	
Lisa Mahendra Patel Roselle	Nikita N. Shah Woodridge	Jing Wang Aurora	
Viral Pravin Patel Elmhurst	Nirali Shailesh Shah Tinley Park	John Jian Wang Woodridge	
Varun Teja Pilla Crystal Lake	Rital R. Shah Naperville	Anderson Michael West Wheaton	
Aleksander Joseph Poniatowski Crystal Lake	Saurin Nilesh Shah Bloomington	Stephanie Marie Williams Park Forest	
Hassan Ahmed Qureshi Crystal Lake	Caroline Yuna Shin Naperville	Faythe Monica Wu Lisle	
Youlia Stamilova Racheva Bensenville	Eric J. Shinn Naperville	Kelly M. Wu Aurora	
Nicholas Lloyd Reid Dolton	Kendra Hughes Smith Lisle	Shirley You Xiao Naperville	
Michael Thomas Reinhart LeRoy	Joan Elizabeth Steffen Elgin		

Special thanks to the IMSA Fund for Advancement of Education for underwriting the use of the Paramount Theatre for Commencement.

The need to understand how the universe works is fundamental to human nature. It is also essential for safely managing the human future; but foolishly, we have designed a society based on science and technology in which hardly anyone understands science and technology. This is a clear prescription for disaster.

Our future depends on producing and encouraging highly competent, ethically responsible young scientists, as well as a much greater scientific literacy in the general public.

The Illinois Mathematics and Science Academy in Aurora, Illinois, is dedicated to meeting this challenge... It is a gift from the people of Illinois to the human future.

Dr. Carl Sagan, 1934-1996