

SPRING 2012

IMSA 360

News for Alumni and Friends of the
Illinois Mathematics and Science Academy®

Guess who's turning 90?



IMSA25 Gala

Photo Highlights

Students “Wow”

Media and Power Pitch Judges

IMSA Fund

Welcomes New Board Members

Partnerships = EXCITED ANTICIPATION!

We are all still basking in the glow of a wonderful 25th Anniversary Gala attended by more than 250 dear friends and supporters of IMSA. It has been truly inspiring to hear alumni, alumni parents and staff proudly reflect on our first 25 years as well as share extraordinary excitement in anticipation of our next 25.



Dr. Glenn W. "Max" McGee
IMSA President

For the past two and a half decades, IMSA faculty and staff have excelled at "igniting and nurturing" creative, ethical, scientific minds through inquiry based activities, demanding rigor and close relationships. In turn the students have continuously helped us learn how to teach – better, differently, and with more passion and commitment each year. It is this **partnership** that has benefitted more than 4,000 alumni and hundreds of teachers and staff members.

IMSA would not be here celebrating 25 years without many benevolent partnerships. Our founding leaders such as Governor Jim Thompson, IMSA's Founding President and President Emerita Dr. Stephanie Pace Marshall, IMSA's first Board Chair Jim Pearson, and Resident Scholar Dr. Leon Lederman began partnerships with the State, with local businesses and foundations, with parents, and with countless advisors and friends. That sense of partnership continues today.

ComEd and our Energy Center program. Tellabs Foundation for our CoolHub.IMSA project. Motorola Foundation and our Problem Based Learning program. The McGowan Charitable Fund and our FUSION program. The Harris Family Foundation and our Innovation and Entrepreneurship Endowment. The Abbott Fund and our chemistry program. The list goes on . . .

Equally as inspiring are the thousands of "partnership" gifts we receive each year from alumni, parents, board members, and even our own IMSA faculty and staff.

So together, through sustaining existing partnerships, revitalizing dormant ones and growing new ones, we intend to expand the scope of our Energy Center, as you will read later in this issue. We will expand our FUSION program. We will increase the size of our endowment funds to assist us with our historic mission of innovation and entrepreneurship. We will do this as we begin the task of raising **\$5 million** toward these initiatives. More than \$1 million has already been raised, and teams of volunteers are fast at work developing even more partnerships as we prepare to achieve this goal over the next several years.

Excited anticipation is everywhere – just as it was in the beginning – 25 amazing years ago! **360**

IMSA **360**

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The mission of IMSA, the world's leading teaching and learning laboratory for imagination and inquiry, is to ignite and nurture creative, ethical, scientific minds that advance the human condition, through a system distinguished by profound questions, collaborative relationships, personalized experiential learning, global networking, generative use of technology and pioneering outreach.

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Send comments, questions or story ideas to:

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FEATURES



(above, l-to-r) IMSA students Michael Atten and Mitchell Bieniek enjoy the night's festivities at the IMSA 25th Anniversary Gala.



(left) IMSA Founding President Dr. Stephanie Pace Marshall unveils a commissioned portrait of IMSA Founding Father Dr. Leon Lederman.



(right) King Harris, Chairman of Harris Holdings, accepts the Shining Light Leadership Award on behalf of the Harris Family Foundation.



(left) Dr. Sally Walker, Executive Director of the Illinois Association of Gifted Children (IAGC) accepts the Trustees Award presented by IMSA President Dr. Glenn W. "Max" McGee.



IMSA ENERGY CENTER

SPARKS IMAGINATIONS and INNOVATIONS



Renewable and sustainable energy will be the greatest human responsibility, challenge, opportunity and endeavor. Clean energy is the key to solving many challenges worldwide, including health, environment, economy and security.

Dr. G. P. Yeh
Fermilab Physicist



Whether it's installing wind/solar hybrid units on the IMSA campus, developing efficient wind turbines or constructing the IMSA Energy House, the imaginations and innovations of IMSA students ignite inside the walls of the IMSA Energy Center.

The Energy Center is a learning laboratory environment where students explore one of the most compelling questions of our time: how alternative energy can address our footprint and the way we live our lives.

Created in 2009, the Energy Center hosts 40-75 students each year who engage with the best and brightest in the science community to explore alternative energy solutions. Through public-private partnership, IMSA combines expertise and funding from the scientific community, leading to new bodies of knowledge, programs and services.

Since the program's inception, the student teams in the Energy Center worked on a number of initiatives such as:

- the installation of alternative energy sources on campus including three wind/solar hybrid units
- construction of an IMSA Energy House and affiliated K-8 curriculum
- design of an inquiry-based residential summer camp on alternative energy
- an energy audit of the IMSA campus resulting in energy improvements.

An emerging part of the Energy Center is the Energy Advisory Committee, comprised of researchers, engineers and professionals in the fields of alternative energy who can provide mentoring, project ideas and advice to IMSA students.

This kind of partnership helps IMSA inspire a new generation of innovators, entrepreneurs and big thinkers in alternative energy. **360**

IMSA FUSION EXPANDS REACH IN ILLINOIS

"It's amazing how the kids look outside the box and take their knowledge to the next level. We start from scratch by building a small rocket with pen and paper and work up to a 2 liter bottle rocket. The kids love it!"

*Mr. David Hernandez, FUSION Teacher
K.D. Waldo Middle School, Aurora, Illinois*



The IMSA FUSION program has reached 12,000 students throughout the state of Illinois since its beginning in 2000-01, and now operates 102 programs in more than 90 schools.

FUSION is an award-winning, research-based after-school enrichment program for Illinois students in 4th through 8th grade who are talented and motivated in mathematics and science. The program also provides ongoing professional development, curricular materials, lab kits, and mentoring and support for partner schools.

IMSA FUSION also has received national accolades in its short history, including being named one of the nation's Best Practice K-12 STEM (Science, Technology, Engineering and Math) Education Programs in 2006 and 2010 by Bayer Corporation.

FUSION offers a wide variety of problem-centered, inquiry-based experiences for students and teachers that include:

- rocket launches/bridge creations
- landfill designing/oil spill sourcing
- arson investigations
- green roof/wind turbine building
- earthquake simulations
- small motor machine development

Finally, FUSION offers additional activities in conjunction with comprehensive curriculum and professional development. Some of these activities include events for parents, STEM Research/Career Webinars and monthly online problems, among others. **360**

IMSA

TO PILOT
eLEARNING
"QUICK WINS"
OR
"FAST FAILS"

During this 25th Anniversary year, IMSA set the stage for its future online learning presence, with a "design charrette," the Board of Trustees retreat, faculty and staff professional learning, and plans for three "quick wins" or "fast fails" eLearning pilots:

- Student Research Program – an online course for Illinois science teachers that enables them to design, develop, implement and evaluate their own student research programs;
- Summer Math@IMSA Personalized Learning Program – a pre-enrollment online module for rising Illinois 8th and 9th grade participants in Summer Math@IMSA; and
- Scientific Inquiries Biology (SI Bio) Mastery Program – eLearning modules for IMSA students who receive a C in SI Bio to provide additional time and support to master concepts that are key to success in future courses.

The Charrette engaged 44 participants, including members of the IMSA community and invited outside experts -- among them international online learning authority Dr. Yusra Laila Visser of Florida Atlantic University.

"The team developed a compelling vision – a North Star - for IMSA's eLearning presence, and the intellect and imagination members brought to the table will serve the Academy and our many stakeholders well into our next 25 years," said IMSA President Dr. Glenn W. "Max" McGee.

Dr. McGee said IMSA's niche in the crowded eLearning universe will have a distinctive value proposition based on IMSA's core competencies and brand.

IMSA will use the data collected from the two-year pilots, which will begin this summer, to inform decisions about future offerings. The pilots will be funded by a combination of State appropriations, gifts to the IMSA Fund for Advancement of Education and participant fees. **360**



Dr. Lederman receives 2012 VANNEVAR BUSH AWARD



The National Science Board awarded IMSA Resident Scholar and Nobel Laureate Dr. Leon Lederman with the distinguished 2012 Vannevar Bush Award.

Each year the National Science Board presents the Vannevar Bush Award to “truly exceptional, lifelong leaders in science and technology who have made substantial contributions to the welfare of the nation through public service activities in science, technology and public policy.”

Dr. Lederman will receive the Vannevar Bush medal at an awards ceremony in Washington, D.C. in May.

Wish Leon a Happy Birthday!



ON LEON'S 90TH IMSA and the Nation Celebrate, Honor a National Treasure

IMSA Founding Father and Nobel Laureate Dr. Leon Lederman has spent the better part of 90 years tirelessly improving science education. Because of his legacy, Illinois, the nation and the world will reap the benefits for generations to come.

On April 14, 2012 at IMSA's 25th Anniversary Gala, members of the IMSA community celebrated the 90th birthday of a state and national treasure—Dr. Leon Lederman. It was a fitting tribute for a man who changed the lives and futures of generations of talented students in Illinois by giving them a home where they could reach their full potential.

During the birthday celebration, Dr. Lederman and his wife Ellen also took part in the gift-giving, presenting IMSA with a commissioned portrait of Leon by internationally recognized artist Martyl Langsdorf.

In accepting the portrait on behalf of IMSA, Founding President and President Emerita Dr. Stephanie Pace Marshall reflected on the remarkable gifts given by Lederman throughout IMSA's history.

“Leon could have gone anywhere and he could have done anything, but he chose us: serving on our Board, inviting graduation speakers, creating the IMSA Great Minds Program, becoming our first resident scientist, writing a book with our students, hosting monthly Lunches With the Laureate, roaming our hallways—licking ice cream cones—looking for someone—anyone—he could tell his latest joke to,” Dr. Marshall said. “In all these things, we have been blessed, by his genius, his goodness and his generosity,” she added.

“How lucky we have been!” **360**

IMSA Great Minds Program® Hosts Inaugural Leon M. Lederman Frontiers of STEM Symposium

The IMSA Great Minds Program® recently hosted the Inaugural Leon M. Lederman Frontiers of STEM Symposium, an all-day event featuring distinguished physicists from Fermi National Accelerator Laboratory (Fermilab).

The IMSA Great Minds Program® was launched in 1998 by IMSA Founder, Resident Scholar, and Nobel Laureate, Dr. Leon Lederman. It provides IMSA students and faculty, Illinois educators and students, and the public with opportunities to learn from, interact with and be inspired by the “greatest minds” of our time.

The Inaugural Leon M. Lederman Frontiers of STEM Symposium, held April 10, 2012, featured activities throughout the day including the Future of Physics panel discussion. During the panel, physicists Dr. John Peoples, Dr. Scott Dodelson and Dr. Marcela Carena fielded questions from the IMSA community and invited guests. Students also had the opportunity throughout the day to attend sessions with the Fermilab physicists on Accelerator Building, Theoretical Physics and Cosmology.

IMSA President Dr. Glenn W. “Max” McGee said the Inaugural Leon M. Lederman Frontiers of STEM Symposium will have a lasting impact on future generations.

“As the Founder and Inaugural Resident Scholar of the Illinois Mathematics and Science Academy, Dr. Lederman has left an indelible mark on the IMSA community and those we serve,” said Dr. McGee. “This annual event named in his honor will only contribute to his great legacy of furthering science education in Illinois and influencing generations to come.” **360**



Learn more about the IMSA Great Minds Program!

IMSA NEWS

IMSA Fund Welcomes New Board Members

The IMSA Fund for Advancement of Education* is pleased to announce its newest members of the IMSA Fund Board of Directors. Members elected during the 2011-12 academic year include:

Kapil Chaudhary



Managing Director,
I2A Fund

Ross Hemphill



Vice President,
Regulatory Policy &
Strategy
ComEd

Dan Mueh '90



Program Director,
Haemonetics Corporation

Michael Suh '97



Risk Specialist,
The University of Chicago
Office of Investments

**The IMSA Fund for Advancement of Education is a 501(c)(3) not-for-profit corporation organized for the benefit of, to perform the functions of, or to carry out certain charitable, educational, literary and scientific purposes of the Illinois Mathematics and Science Academy. The IMSA Fund solicits, receives, invests and administers gifts, grants and other contributions from the private sector (corporations, foundations, individuals and other organizations) to support IMSA's mission and work.*

Is Your Business Idea Ready for An UPGrade?

Illinois high school entrepreneurs looking for a business boost will travel to IMSA this summer to upgrade their awesome idea into a new product or service!

IMSA will host the new TALENT UPGrade Experience July 15 - July 27, a residential camp for high school entrepreneurs who have a business idea they want to take to the next level.

During the two-week immersive experience, student entrepreneurs will research, design, build and test a prototype of a new product or service. These may include websites, web applications, software or robotic devices, among others.

In the end, every student or teams should have a working product or service to demonstrate to a potential investor.

Find out who has appeared on
Monday Night Live!



You Can Buy Happiness. You Just Need to Know Where to Shop.

That new car smell fades within weeks. The view on the new large screen TV loses its awe in a few days. But the good feelings you get when you make a gift to the IMSA Fund Annual Fundraising Campaign (AFC) not only don't fade . . . they grow. The good feelings grow with every student and faculty member your gift helps to send on the educational trip of a lifetime, via an international travel scholarship. They grow when your gift helps rural and inner-city students participate in the SEAMS and PROMISE programs--students who would otherwise never have the chance to develop their knowledge and learning capacity for STEM.

Those good feelings continue as your gift puts smiles on IMSA graduates' faces and dreams of future successes in their minds and hearts from unforgettable graduation day experiences you funded. You'll shape their experience and fix extraordinary memories in them about the fun activities they participated in while at IMSA, through the pizza parties, the field trips, and even the excitement of getting new furniture in their residence halls to make it all feel more like home -- paid for by you.

And while there are so many more programs, activities, and alumni events the Fund helps through your contributions, we would be remiss not to mention the President's discretionary fund. You'll also be keeping Dr. Glenn "Max" McGee in his legendary high spirits as he uses his discretionary fund to brighten students' days and celebrate their achievements throughout the year. He can continue to do what he loves best which is to honor students, take them on educational trips, and give them the recognition they deserve, making life here at IMSA truly special.

The challenge for the AFC this coming fiscal year is to raise almost \$500,000 in "unrestricted" donations -- the kind of donations that funded all the wonderful activities above. With ever-tightening budgets and stricter limitations from the state of Illinois, IMSA needs increasing flexibility from its donors. Giving to the unrestricted portion of the Fund allows IMSA to continue to grow while offering students, faculty, and alumni the programs and activities that keep us at the forefront of STEM education. Now go shop till you drop! You'll be buying happiness for yourself and hundreds of others. **360**

ALUMNI

corner

"An anniversary is a time to celebrate the joys of today, the memories of yesterday, and the hopes of tomorrow."



Someone once said, "An anniversary is a time to celebrate the joys of today, the memories of yesterday, and the hopes of tomorrow." Many in the IMSA community did just this as they gathered together for IMSA's 25th Anniversary Gala in April.

Alumni played a number of leading roles during the event, including John Hoesley '89 who presented the Shining Light Leadership Award to Eric McLaren and Cathy Veal. In addition, Ramez Naam '90 was the featured speaker and presented *Innovation: The Key to Our Future in Energy and the Environment*.

Many alumni also provided artwork and other items for the silent auction (Nancy Young Tayui '89, Amy Crook '91, Kumar Javvaji '97, Aldo Quintanar '97, and Karen Chesley '98), while others were sponsors of the event (Julia Stamberger '92 and her company GoPicnic Brands, Inc.).

But as with most visionaries, those in the IMSA community aren't just celebrating this year. They continue to set the groundwork for the

next 25 years through continued improvements to their residential and academic programs, outreach programs, and fundraising so IMSA can continue to cultivate the next generation of innovators.

In honor of IMSA's 25th anniversary the IMSA Alumni Association (IAA) Cabinet issued a 25/25/25 Campaign to see if over 25 days, each of them could find 25 donors to donate \$25. Collectively, the cabinet well exceeded the goal of \$6875, raising nearly \$10,000 in support of IMSA's Annual Fund to provide funding for areas most in need.

Surpassing our dollar goal was a highlight, but more importantly over 100 IMSA alumni donated to the 25/25/25 Campaign! The IAA is looking forward to continuing our partnership with the IMSA Fund and to build upon it next year and the years to come. **360**

- Melvin Bacani '90
IMSA Alumni Association President
president@imsaalumni.org

ALUMNI NOTES

Christina Rosenmeier '93 writes "After 4 years of Administrative and Strategic Human Resources Analyst work, I have transitioned back into the operational side of Human Resources. In October 2011, I was appointed as an ERP System Functional Analyst. What that means is I am in charge of our HR/Payroll Database Security and other related functions. This is a huge change with a large learning curve, but one I am very excited about."

After receiving his MBA in 2012, **Daniel Vuksanovich '93** decided to perform a strategic 'resources and capabilities' exercise, identifying a unique combination of expertise: music, information technology and problem solving. As a result, he founded WhyISuckAtGuitar.com. "Despite the fact that I've had many years of formal musical education focusing on the guitar,

the instrument has always been a struggle for me, and I set out to understand why by using the problem solving skills I'd developed as an IT consultant" shared Dan.

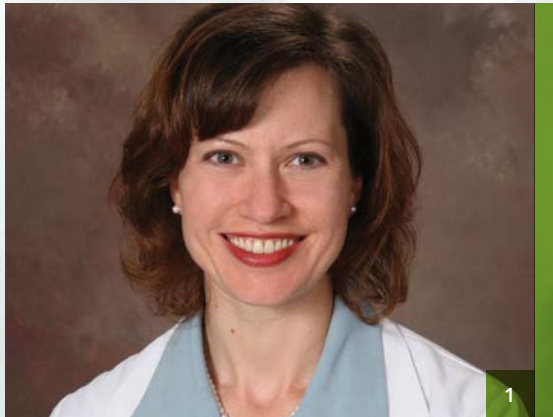
Kenyatta Ruffin '99 and wife Tané welcomed daughter, Johanna Hope, born on September 30, 2011. Johanna is the couple's third child, joined by twin sisters Tabitha Grace and Lydia Faith. Kenyatta delivered the new baby and remarked that he was "envious of all his classmates that are doctors!"

Jessica Hunter '10 was included as an author in the article "Subcloning and Expression of Functional Human Cathepsin B and K in *E. coli*: Characterization and Inhibition by Flavonoids." The article was included in *Molecular Cloning – Selected Applications in Medicine and Biology*, published in 2011.

Christopher Stovall '10, a sophomore at IIT studying aerospace engineering, helped launch the new IIT Boeing Scholars Program this year. The free program for high-achieving Chicago-area high school students provides access and exposure to science, technology, engineering and mathematics (STEM) fields.

Did you meet your sweetheart at IMSA? Get your photo in the IMSA Sweethearts album! Submit your picture along with a brief description of how you met to myimsa@imsa.edu or search for the IMSA Alumni group and upload it to the album directly on Facebook.

ALUMNI -IN- ACTION



1

GRETCHEN E. GREEN, MD, MMS '92

joined the National Women's History Museum Board of Directors. An attending radiologist at Greensboro Radiology, PA, specializing in women's imaging, she has been actively involved in advocacy for women physicians and patients since 1992 through research on the history of medicine and involvement with the American Medical Association's Women Physicians Congress. **1**



2

TIM MEYER '92

was named one of the top 40 young professionals by "Business in Vancouver" in 2011. Meyer, who has a Ph.D. in particle physics, leads strategic planning and communications at TRIUMF, Canada's national particle and nuclear physics lab. **2**

STEVE CRUTCHFIELD '93

is a recognized leader in the global options trading industry and, with his appointment as chief executive of the NYSE Amex Options exchange, is now having a strategic impact on regulatory issues affecting the entire capital markets, and implicitly, broader financial industry. He is a regular speaker at various US and international conferences and featured on CNBC and Bloomberg TV.

JASON ROCK '08

was selected to compete in the NCAA Division III Men's Swimming & Diving Championships. Only 22 divers from across the country were selected to compete. Rock is a senior at the Rensselaer Polytechnic Institute (RPI) in New York.

BERNICE FOKUM '10

presented at the 16th International Conference on AIDS and STIS in Africa in December 2011. Fokum's panel session was titled "Prolonged Use of Pegylated Liposomal Doxorubicin in an HIV-infected Population with Kaposi's Sarcoma at an Inner-city Safety Net Hospital." **3**

SABRINA GONZALEZ PASTERSKI '10

was selected as one of 550 young researchers to attend the 62nd Nobel Laureates Meeting in Lindau, Germany in July. In addition, she was one of only 50 selected to arrive early for a special reception with Nobel Laureates and the 'ministers of education and research' from our home countries.



3



Contribute to Community Notes Online!
What's New in Your Life?

2012 ALUMNI AWARD WINNERS

The following honorees and alumni volunteers will be recognized at the Board of Trustees Alumni Awards Ceremony and Alumni Volunteer Recognition Dinner on Friday, July 20, 2012, which kicks off the activities of Alumni Weekend (July 20-21, 2012).

Alumni Distinguished Leadership Award Winners:

ALEX (DIETRICH) GREENE '97

Alex (Dietrich) Greene has dedicated her life to a career in service. As one of the nation's first female strike-fighter aviators, Greene is a pioneer and a champion of diversity. She is a founding member of the military's eMentor program, promoting mentorship and opportunity for future generations of minorities to succeed in untraditional fields. Greene currently serves as an assistant Professor of Naval Science at the George Washington University in Washington D.C. She received her B.S. in Civil Engineering from George Washington University and attended the Defense Language Institute.



WINJIE TANG MIAO '94

Before turning 30, Winjie Tang Miao was named a hospital president and in 2011, she was tapped to lead the development of the newest hospital in the Texas Health Resources system. Miao is also active in her community and has won several awards, including recognition by *Becker's Hospital Review* as one of "25 Healthcare Leaders Under Age 40" in 2011 and one of *Modern Healthcare's* "Up and Comers" in 2008. Miao received her B.S. in Biomedical Engineering from Johns Hopkins University and her Master of Healthcare Administration degree from the University of North Carolina at Chapel Hill.



SAM YAGAN '95

Sam Yagan is a leading and widely-recognized serial entrepreneur or "netreprenuer" who has successfully launched, grown and sold companies in the consumer internet sector. In addition to his role as co-founder and CEO of OkCupid, he also enables budding



entrepreneurs to get their start through Excelerate Labs, a leading start-up accelerator in Chicago which provides seed money and an abundance of mentoring. He has been named to *Crain's* "Tech 25," *Silicon Alley Insider's* "Top 100", and most recently named to *Crain's Chicago Business* list of "40 Under 40." Yagan received his B.A. in Applied Mathematics from Harvard College and an M.B.A. from the Stanford Graduate School of Business.

Alumni Titan Award Winner:

AMY KINNEY '95

As a cabinet member of the IMSA Alumni Association (IAA) since 2008, Amy Kinney has dedicated her volunteer efforts to launch and expand the College, Career, and Choices (CCC) Forums, the most prominent program alumni currently provide for students at IMSA. Additionally, Kinney partnered with students and staff earlier this year to help organize the first Alumni Career Fair. Further, Kinney has represented the IAA at IMSA Board meetings, taught an Intersession course and participated in countless other IAA projects. Her contributions to IMSA and the IAA are always without self-promotion or accolades. Kinney received her B.S. in Elementary Education from Valparaiso University and her M.S. in Educational and Interdisciplinary Studies from Western Illinois University.



See photos and profiles of all of the 2012 IMSA Board of Trustees Alumni Award Winners!



The internationally recognized Illinois Mathematics and Science Academy® (IMSA) develops creative, ethical leaders in science, technology, engineering and mathematics. As a teaching and learning laboratory created by the State of Illinois, IMSA enrolls academically talented Illinois students (grades 10-12) in its advanced, residential college preparatory program, and it serves thousands of educators and students in Illinois and beyond through innovative instructional programs that foster imagination and inquiry. IMSA also advances education through research, groundbreaking ventures and strategic partnerships. (www.imsa.edu)

STUDENT ACHIEVEMENTS



IMSA TOPS IN WORLD MATH CONTEST

One team from IMSA received the highest ranking possible in the 14th annual international High School Mathematical Contest in Modeling (HiMCM). Their performance placed IMSA among the top seven schools in the world in this year's competition.

The IMSA team of Henry Deng, Matt Gietl, Andrew Ta and Matt Yang received the rank of "National Outstanding." Only seven teams out of 435 that competed worldwide received this ranking. In addition, two other IMSA teams received the rank of "Regional Outstanding."

IMSA's "National Outstanding" team had to develop a comprehensive 10-year plan including costs, payloads, and flight schedules to maintain the International Space Station.

IMSA SCIENCE BOWL TEAM QUALIFIES FOR NATIONALS

An IMSA team received an all-expense paid trip to compete in the 22nd Annual U.S. Department of Energy National Science Bowl in Washington, D.C. after winning the regional Science Bowl tournament.

"Congratulations to the students at the Illinois Math and Science Academy—some of America's future leaders in the science, technology, engineering and math fields," said Energy Secretary Steven Chu. "Through the National Science Bowl, we're challenging today's students and ensuring that America stays competitive in a rapidly advancing world."

In the Science Bowl competition, the IMSA team of Webster Guan, Peter Lu, Nolan Maloney, Eric Ordonez and Jorge Quero competed against 12 other teams from across the state in one of the nation's regional competitions. The National Science Bowl brings together thousands of students from across the country to compete in a fast-paced Jeopardy-style format.

The Department of Energy (DOE) created the National Science Bowl in 1991 to encourage students to excel in mathematics and science and to pursue careers in these fields.

IMSA STUDENTS 'WOW' MEDIA AND POWER PITCH JUDGES

IMSA's young entrepreneurs took top honors and a \$3,000 prize while 'wowing' the media and judges during the 4th Annual TALENT Power Pitch event in Chicago.

IMSA student entrepreneurs Lydia Auch and Kenzo Esquivel won 1st place and a \$3,000 grand prize for their new business idea during the 4th Annual IMSA TALENT Power Pitch at the IBM Innovation Center in Chicago.

During the Power Pitch, student finalists presented their ideas for a business, product or service to potential investors, competing for cash prizes made possible by the generosity of the late Virginia B. Cherry and additional supporters.

IMSA STUDENT ONE OF TWO INTEL FINALISTS IN ILLINOIS

IMSA senior Adam Kalinich is one of only two students from Illinois and among 40 in the nation who were named Intel Science Talent Search (Intel STS) Finalists. Often considered the "junior Nobel Prize," the Intel STS is America's oldest and most prestigious high school science competition. Adam's investigation, "Flipping the Winner of a Poset Game (pronounced POE-set)," was conducted with Dr. Lance Fortnow at Northwestern University through IMSA's Student Inquiry and Research (SIR) program. Adam's research is in the field of game theory, a branch of mathematics that seeks to determine the best strategies in a wide variety of situations.

In addition, IMSA seniors Grace (Yiyun) Cao and Rose Sloan were named semifinalists in the competition.



Read about this year's Power Pitch winners and the media coverage of their business ideas!



Illinois Mathematics and Science Academy®
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Aurora, Illinois 60506-1000

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SAVE THE DATE

for the Following
IMSA Event!



- Alumni Weekend

July 20-21, 2012

(Includes Board of Trustees Alumni Awards Ceremony and Alumni Volunteers Recognition Dinner, and reunions for the Classes of 1992, 1997, 2002, and 2007). To join a reunion planning committee, contact myimsa@imsa.edu. For information on IAA events, visit www.imsaalumni.org.



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