Advancing the Human Condition
2011 IMSA Fund Annual Report
FROM THE PRESIDENT

Dr. Glenn W. “Max” McGee
IMSA President

In this issue of IMSA360, which doubles as the IMSA Fund for Advancement of Education’s 2011 annual report, we chronicle a journey none of us wanted but many of us now embrace. The tentacles of our ALS story and attention to “orphan diseases” stretch far and wide, supported by our donors, driven by our students, staff and community partners, and inspired by our Principal and Vice President for Academic Programs Dr. Eric McLaren. His story – our story – calls us to advance the human condition through education, research, advocacy and action. While we cannot dial back the clock and undo Dr. McLaren’s diagnosis, we can, we must and we will continue to live and work in accordance with the IMSA Board of Trustees’ original philosophy statement, authored by Dr. Leon Lederman a quarter of a century ago, and in doing so we will extend our Principal’s legacy:

“If we do what we know and feel is right, it is bound to happen that among our graduates there will be numbered scientists, engineers, and those who go on to earn degrees in law and letters. There are likely to be those few who create new intellectual worlds, cure a dreaded ailment or in some other way significantly influence life on our planet. Our philosophy will be to treat our charges as if each one is capable of this extraordinary achievement.”

In addition to supporting programming on orphan diseases, donors to the IMSA Fund make possible many other learning experiences and services for our residential students, faculty, staff, alumni and parents; for teachers and students in Illinois and beyond; and for others. Our ability to personalize, enrich, expand, innovate, stretch and lead transformation requires resources beyond State appropriations. Without our donors, we could not do as much or do as well. We could not be IMSA. In this annual report, we are proud to recognize individuals and families, corporations, foundations and other organizations who support our needs and aspirations. We know you have choices about your philanthropic commitments; thank you for making the IMSA Fund one of your priorities.

We have had an excellent fall at IMSA. Let me mention just three highlights. First, we hosted a workforce summit featuring Andreas Schleicher, who heads the education division of the Organisation of Economic and Cultural Development. The OECD Programme for International Student Assessment (PISA) measures student success around the world. We are working with OECD to become a pilot site for an international benchmarking assessment. Second, we had an amazing alumni panel for our IMSA 25th anniversary celebration. Third, our Problem-Based Learning team has been tapped for the third Illinois Innovation Talent project, a collaborative venture among several state agencies. Using Coolhub.IMSA, students, teachers and industry partners throughout our state will work together online to find innovative solutions to real-world problems.

In the next issue of IMSA360, we will highlight special IMSA25 activities, including our visioning and design charrette to help chart a course for IMSA’s future online learning offerings (December 2–3, 2011) and our 25th anniversary gala (April 14, 2012).
IMSA Fund for Advancement of Education
Board of Directors

OFFICERS
President
John Hoesley '89
Silicon Valley Bank

Vice President
Pamela Blackwell
CGN & Associates

Vice President (Retired)
Herbert B. Knight
Tenneco

Secretary (Non-Voting)
Thomas Walter
Illinois Mathematics and Science Academy

DIRECTORS
Martin J. DiMarzio ‘95
Deloitte Consulting

Vanessa C. Gage ‘95
Mayer Brown LLP

Chelsy A. Hopper ‘92
Illinois Municipal League

Gregory K. Jones
The Edgewater Funds

Jordan Koss ‘89
BP Americas Inc.

Maureen Sullivan
Blue Cross Blue Shield Association

Michael Sloan
Retired Faculty
Illinois Mathematics and Science Academy

Michael Suh ‘97
The University of Chicago Office of Investments

Maureen Sullivan
Illinois Mathematics and Science Academy

Executive Editor
Cathy Veal

Managing Editor
Brenda Sotern

Contributing Writers
Melvin Bacani ’90
Julie Christman
Linsey Crowthers-Moody
Margaret Hernandez
Carolyn Johnsson
Dr. Glenn W. “Max” McGee
Dr. Judith Scheppler
Brenda Sotern
Cathy Veal

Photography
Courtesy of IMSA/Chris Reader (unless otherwise noted)

CONTENTS

FEATURES
20 IMSA-Project A.L.S.™ – Advancing Through Advocacy
22 IMSA Fund cadha fund – Advancing Through Expanded Opportunities
24 ALS Campus Initiatives – Advancing Through Student Research & Innovation

DEPARTMENTS
4 News Headlines
7 Alumni-in-Action
8 Community Notes
9 Alumni Corner
10 IMSA Fund for Advancement of Education
11 Donor Recognition & Financial Summary
27 From the IMSA Fund President

IMSA360: Recipient of the National School Public Relations Association Award of Excellence, the Illinois School Public Relations Association Award of Excellence, the American Graphic Design Award and the Hermes Creative Award.
Harris Family Foundation Donates $1 Million for Innovation at IMSA

The IMSA Fund for Advancement of Education (www3.imsa.edu/giving/about) has received a $1 million pledge to its endowment from the Harris Family Foundation of Chicago, Illinois. The gift will support future innovation at IMSA and is designated for the Stephanie Pace Marshall Endowment to Ignite Innovation, named in honor of IMSA’s founding president and president emerita. The donation eventually will provide annual funding to build, support and nurture the innovation culture and ecosystem of IMSA. This fund will invest in transformative innovations in STEM (science, technology, engineering and mathematics) curriculum, instruction, assessment, professional development and digital learning technologies. It also will enable students, staff and partners to design, develop, prototype and evaluate new systems, processes, products and services to enhance the way people learn, live and work.

Boeing Supports Preservice Teachers in Metro East Region

The Boeing Company of St. Louis provided a $20,475 grant to the IMSA Fund for Advancement of Education to support a collaborative project between IMSA and Southern Illinois University Edwardsville in the Metro East region of Illinois. The Boeing Company Teacher Candidate Institute supported preservice teachers with hands-on instruction and 40 middle school students with a “Let’s Do Launch” science and mathematics summer program.

Illinois Tool Works Supports Programs for Illinois Teachers and Students

An Illinois Tool Works, Inc. grant of $25,000 to the IMSA Fund for Advancement of Education, the second of a three-year pledge, will support IMSA’s programs which increase the capacity of students and teachers throughout Illinois to be interested in and excel in science and mathematics. More than 11,000 students and teachers were involved in IMSA’s statewide programs in Fiscal Year 2010.

IMSA PROMISE Program in Chicago Attracts Funders

Polk Bros. Foundation provided a $20,000 grant and SAP America, Inc. provided a $15,000 grant to the IMSA Fund for Advancement of Education to support IMSA PROMISE programs for students in Chicago Public Schools. The IMSA PROMISE programs develop a pipeline for hundreds of students each year who are historically under-represented within the STEM fields.
Student Achievements Recognized in National and Global Venues

The Center for Excellence in Education (CEE) recognized Peter Lu as one of the top 10 Research Science Institute (RSI) scholars out of 77 who conducted research during the summer at the Massachusetts Institute of Technology (MIT). Lu was one of only five students to receive a top written award for recognized secondary school academic achievers. The internationally recognized RSI is a six-week intensive program that provides students with the opportunity to conduct original, cutting-edge research in state-of-the-art university laboratories, hospitals and corporate research facilities. Following the conclusion of RSI, CEE continues to provide interaction and enrichment opportunities for alumni throughout their undergraduate and graduate years.

Nishith Reddy was one of only four U.S. finalists and the only Illinois winner in the Stockholm Junior Water Prize, the world’s most prestigious youth award for a water-related science project. His winning research paper focuses on the development of a silver sensor for water contamination.

Shantanu (Shawn) Jain was one of only two students from Illinois to win first place in Economics at the Future Business Leaders of America National Leadership Conference. In addition, Kirthi Banothu and Kevin Shi won fourth place in Management Information Systems and Xin Ding, Theja Kudaravalli and Vivian Zhang won eighth place in Banking and Financial Systems.

Patricia Ronczy is one of only 48 U.S. high school students of Russian to be recognized as a 2011 Russian Scholar Laureate by the American Council of Teachers of Russian.

Megan Chen was invited to participate in the 2011 Math Prize for Girls Olympiad as a result of her eighth place ranking in the 2011 Math Prize for Girls contest, sponsored and organized by the Advantage Testing Foundation.

Five IMSA seniors qualified as semifinalists in the 2012 National Achievement® Scholarship Program, an academic competition for African-American high school students. IMSA seniors Courtney Amegashie, Jennifer Bailey, Marcelo Diop-Gonzalez, Chibuzo Obasi and Jelani Rowland are among more than 1,600 semifinalists now eligible to compete for about 800 achievement scholarships.

IMSA recognized its 52 semifinalists in the 2012 National Merit® Scholarship Program. The semifinalists represent 36 communities throughout Illinois. Nearly 1.5 million seniors in approximately 22,000 U.S. high schools entered the year 2012 competition by taking the qualifying exam in 2010 (their junior year). National semifinalists include less than one percent of each state’s seniors. Read the full story and names of the IMSA semifinalists at www3.imsa.edu/news/releases/2011/09/20/imsa-names-52-national-merit-semifinalists.

CoolHub.IMSA Project Wins National Blackboard Award

The United Nations of Youth Project (UNY), inspired by State Rep. Linda Chapa LaVia (pictured second from left) and hosted on CoolHub.IMSA, was named one of 10 national winners in the “Collaborate for Good” contest sponsored by Blackboard. UNY is a collaborative project committed to the ultimate goal of world peace. An inaugural Web conference through CoolHub.IMSA focused on the topic of educational problems/issues as presented by students from schools throughout the world including China, Finland, Singapore, South Korea and the United States (IMSA). Future Web conferences will focus on global education problems. As a result of the award, a 50-seat Blackboard Collaborate room will enable this project to expand to more than 40 new schools.
IMSA Faculty and Staff Contribute to Their Fields

IMSA President Dr. Glenn W. “Max” McGee serves as Co-Chair of the Illinois P-20 Council Data and Assessment Committee, charged with rewriting the State Report Card for Illinois Schools. The work of the Illinois P-20 committee is expected to be approved by the Illinois legislature and will replace the current version which has been in existence for the past 25 years. “It will replace the cumbersome current eight-plus page version with a powerful one-page document that provides key metrics to drive school improvement decisions,” McGee said.

Dr. McGee presented “Excellent Adventures in Global Collaboration” at the National Consortium for Specialized Secondary Schools of Mathematics, Science and Technology (NCSSSMST) Annual Conference and “Move That Plus! An Extreme Makeover of State Mathematics Assessment and Reporting” at the annual Illinois Council of Teachers of Mathematics (ICTM) Conference. In addition, Dr. McGee was invited to serve on the Chicago Ideas Week panel “The Realities of Education Reinvention: Making Innovative Education Ideas More Actionable.”

Founding President and President Emerita Dr. Stephanie Pace Marshall attended the 7th Annual Meeting of the Clinton Global Initiative (CGI) in New York City. Established in 2005 by President Bill Clinton, CGI convenes global leaders to devise and implement innovative solutions to some of the world’s most pressing challenges. This year’s CGI agenda was organized around three topics: Jobs, Jobs, Jobs; Sustainable Consumption; and Girls & Women.

www.chicagoideas.com
Giving Back to Illinois

Pooja K. Agarwal '01 obtained her Ph.D. in Cognitive Psychology at Washington University in St. Louis and works for the Illinois State Board of Education as the Division Administrator of Assessment in Springfield. Pooja "looks forward to giving back to the State of Illinois, contributing to education policy reform, and also to serving the public!" For more information and to contact Pooja, please visit www.poojaagarwal.com.

$2.5M Early Career Research Award

Daniel Sinars '92 received a Department of Energy Office of Science Early Career Research Program award for $2.5 million over five years. The award is given to outstanding university or national laboratory researchers within 10 years of their doctorates. The award will enable the study of "Fundamental instability measurements in magnetically driven Z-pinch liner implosions" using the "Z" facility at Sandia National Laboratories, where Daniel has worked on inertial confinement fusion and high energy density physics since 2001.

“Netrepreneur” Featured in Crain’s

Sam Yagan '95, a nationally recognized entrepreneur of widely used online services, was featured in Crain’s Chicago Business in the story "The Innovators: Netrepreneur Sam Yagan of Excelerate Labs." Sam leads Excelerate Labs, a Chicago-based intensive summer accelerator for startup companies driven by proven entrepreneurs and investors. The annually selected startups build their businesses and connections, then showcase their plans to angel and venture investors.

SPARK for Startups

Maliha Mustafa '00 is co-founder and director of SPARK Chicago, a six-day incubation contest that provides select applicants with free access to mentors, active investors, and services needed to build a viable company. The program is unique in that it provides donated development and marketing services for startups to build out their infrastructure.

ALUMNI-IN-ACTION

Author Todd Mitchell '92 was a featured guest at an IMSA Alumni Association event on October 2, 2011 in Palo Alto, CA where he led a discussion on his second book, The Secret to Lying, named a 2011 Colorado Book Award Winner in the category of Young Adult Literature. In the book’s acknowledgments, Mitchell writes "Finally, I want to thank the faculty, students, and staff at the Illinois Mathematics and Science Academy – the school that changed my life.”
In Memoriam

LCDR Scott Sundem, IMSA Class of 1990, passed away on September 28, 2011. Scott served in the U.S. Navy since 1992, most recently as an operations officer for Submarine Squadron 20. Scott graduated from the University of Illinois at Urbana-Champaign with a Bachelor of Science degree in Physics and received his Master of Science degree in Physics at the United States Naval Postgraduate School. Scott is survived by his wife, Krisztina Nadas, IMSA Class of 1991, and their five children. Visit www.imsaalumni.org/sundem for more information about Scott and the Sundem Tribute.

Contribute to Community Notes Online!

What’s New in Your Life?

Let us and your fellow IMSA classmates/colleagues know about what you’ve been doing! Have you recently started a new job or been promoted? Are you involved in new and exciting community service projects or other activities? Have you recently been published, honored or elected? If so, please tell us about it at: www3.imsa.edu/news/community-notes.
It was about 25 years ago when I first left home and took a leap of faith to study at IMSA. As the second class entering IMSA, there was some uncertainty that there would even be enough funding to last beyond the first semester that year. We lived in the main building while waiting for the residence halls to be built and experimented with different class schedules to see how best to balance the academic rigor.

Fast forward to today when I get to see IMSA from another angle – as an IMSA parent. My daughter, Megan, recently entered her junior year. Thanks to the work of many in the IMSA community, countless donors and volunteers, the IMSA of today is a more mature institution with solid foundations in their academics, residential life, and external programs. It’s easy to reflect how far IMSA has come in the past 25 years and there is no doubt that IMSA will be around and thriving for another 25 years and beyond.

This past July, the IMSA Alumni Association (IAA) hosted Alumni Weekend. Events included the Fifth Annual Board of Trustees Alumni Awards and Alumni Volunteers Recognition Dinner which recognized four distinguished alumni and a record number of 201 alumni volunteers representing every graduating class. The weekend also included campus activities and reunions for the classes of 1991, 1996, 2001, and 2006. Special thanks to the following reunion coordinators: Jessica Joy Frost and Ami Kasprzak Szechinski ’91; Angela Coton, Eva (Bach) Engelhard, Brian Sebby, and John Niebruegge ’96; Laura Davis, Lavina Jadhwani, Melissa Kaye, Matthew Knisley, Charise Petit-Shartle, Nan Sethakorn, and Sarah Sanders ’01; and Meghan Carroll, Aiva Levins, Natasha Sansone, Stephanie Song, and Cindy Wang ’06.

In addition to future alumni programs such as Alumni Weekend, the IAA also will focus on initiatives to connect alumni to students and to IMSA. A sample of current initiatives offered include: CCC (College, Career & Choices) Forums which bring together a panel of alumni to discuss topics such as STEM careers with students; Alumni Siblings which match students with an alumni mentor; and the University Hosts program which pairs students with current alumni in college. The IAA also will be working with IMSA’s development team to promote the importance of annual alumni contributions to the IMSA Fund. It’s important to remember that the IAA is funded directly through the IMSA Fund. Therefore, alumni donations to the Fund help the IAA to create and sustain programs for alumni, students and the institution.

For more details on Alumni Weekend 2011, IAA projects, and other alumni news, please visit the IAA website at http://www.imsaalumni.org.

Thanks to all the IMSA alumni who voted for me to serve as the IAA President. I look forward to working with our newly elected IAA cabinet (see list) representing alumni from the Charter Class of 1989 to the Class of 2008.

Melvin Bacani ’90
IMSA Alumni Association President
president@imsaalumni.org
What Is the IMSA Fund?
The IMSA Fund for Advancement of Education is a 501(c)(3) not-for-profit corporation that accepts and distributes gifts and grants from the private sector to support IMSA’s mission and work. These donations fund programs and services for IMSA students and staff, other students and educators in Illinois and beyond, and IMSA alumni and parents.

Corporations, foundations, small businesses and individuals make possible numerous opportunities that otherwise would not occur. Gifts to the IMSA Fund are tax deductible to the extent permitted by law and are recognized by our fiscal year, July 1 through June 30. Our Tax Identification Number is #36-3422778.

How Do Donors Make a Difference?
The State of Illinois funds much of IMSA’s uniquely challenging residential program for students who are talented in STEM and some of its statewide professional field services for schools, teachers and students throughout Illinois. However, for IMSA to be IMSA, private sector support is essential.

Donors to the IMSA Fund for Advancement of Education – board members, alumni, parents, faculty and staff, students, friends, foundations, corporations, small businesses and other organizations – advance IMSA’s mission and legislative charges in countless ways, large and small. You enable IMSA to broaden and deepen learning opportunities for students, serve more teachers and students throughout Illinois and beyond, invest in research and development, innovate, influence education policy and lead on the global stage.

Individually and collectively, you help IMSA and those we serve reach higher, excel more and go beyond knowledge.

Gifts to the annual fund and endowment, major gifts, grants and gifts-in-kind, are all important; all donations matter. Your contributions:

• Ignite and nurture diverse STEM talent – research talent, entrepreneurial talent, leadership talent
• Elevate STEM education in Illinois and beyond – teacher preparation, professional development, student enrichment
• Expand access to IMSA services – on campus, online, in IMSA Field Office regions, statewide
• Fuel innovation for the future – collaborative innovation projects and networks, prototypes, new product lines
• Change trajectories and transform lives
• Advance the human condition

We are grateful for your support. Thank you.
Year-End Summary

Management, general and fundraising expenses decreased from $163,922 in fiscal year 2010 to $154,322 in fiscal year 2011.

The Fund received a $1,000,000 Pledge Contribution in FY2011 from the Harris Family Foundation.

The IMSA Fund is audited by the Illinois Auditor General. This summary is preliminary; final financial statements will be available after completion of the audit at www.state.il.us/Auditor.

### PROGRAM SUPPORT AND OTHER EXPENSES

<table>
<thead>
<tr>
<th></th>
<th>For the Year Ended</th>
<th>% of total</th>
<th>For the Year Ended</th>
<th>% of total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>June 30, 2011</td>
<td></td>
<td>June 30, 2010</td>
<td></td>
</tr>
<tr>
<td>Program Services</td>
<td>$1,106,186.00</td>
<td>88%</td>
<td>$1,029,230.00</td>
<td>86%</td>
</tr>
<tr>
<td>Supporting Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fundraising</td>
<td>54,412.00</td>
<td>4%</td>
<td>72,938.00</td>
<td>6%</td>
</tr>
<tr>
<td>Management and General</td>
<td>99,910.00</td>
<td>8%</td>
<td>90,984.00</td>
<td>8%</td>
</tr>
<tr>
<td>Total Expenses</td>
<td>$1,260,508.00</td>
<td>100%</td>
<td>$1,193,152.00</td>
<td>100%</td>
</tr>
</tbody>
</table>

### SUMMARY OF CHANGE IN ASSETS UNDER MANAGEMENT

<table>
<thead>
<tr>
<th></th>
<th>For the Year Ended</th>
<th>For the Year Ended</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>June 30, 2011</td>
<td>June 30, 2010</td>
</tr>
<tr>
<td>Beginning Balance</td>
<td>$3,760,383.00</td>
<td>$3,716,018.00</td>
</tr>
<tr>
<td>Contributions, Pledges, Support</td>
<td>2,077,145.00</td>
<td>891,175.00</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>382,095.00</td>
<td>21,320.00</td>
</tr>
<tr>
<td>Expenses</td>
<td>(1,260,508.00)</td>
<td>(1,193,152.00)</td>
</tr>
<tr>
<td>Investment Gain/(Loss)</td>
<td>732,385.00</td>
<td>325,022.00</td>
</tr>
<tr>
<td><strong>Ending Balance</strong></td>
<td><strong>$5,691,500.00</strong></td>
<td><strong>$3,760,383.00</strong></td>
</tr>
<tr>
<td>Change in Net Assets</td>
<td>$1,931,117.00</td>
<td>$44,365.00</td>
</tr>
</tbody>
</table>

Management, general and fundraising expenses decreased from $163,922 in fiscal year 2010 to $154,322 in fiscal year 2011.
The Kaleidoscope Society recognizes lifetime giving levels of $10,000 or more. The Kaleidoscope Society honors the diversity and generosity of our donors whose collective financial support facilitates the transformation of IMSA’s vision into reality. These donors are also recognized on the donor wall located inside IMSA’s main entrance. The established donor recognition levels are to the right:

<table>
<thead>
<tr>
<th>Cyan Society</th>
<th>($5,000,000+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magenta Society</td>
<td>($2,500,000+)</td>
</tr>
<tr>
<td>Violet Society</td>
<td>($1,000,000+)</td>
</tr>
<tr>
<td>Indigo Society</td>
<td>($500,000+)</td>
</tr>
<tr>
<td>Blue Society</td>
<td>($250,000+)</td>
</tr>
<tr>
<td>Green Society</td>
<td>($100,000+)</td>
</tr>
<tr>
<td>Yellow Society</td>
<td>($50,000+)</td>
</tr>
<tr>
<td>Orange Society</td>
<td>($25,000+)</td>
</tr>
<tr>
<td>Red Society</td>
<td>($10,000+)</td>
</tr>
</tbody>
</table>

Magenta Society ($2,500,000.00+)  
The Harris Family Foundation

Violet Society ($1,000,000.00+)  
The Grainger Foundation  
IMSA Alumni Association

Indigo Society ($500,000.00+)  
Anonymous (2)  
Abbott Fund  
Andrew Corporation and its employees  
AT&T Foundation  
Lloyd A. Fry Foundation  
Hansen-Furnas Foundation, Inc.  
Mr. Robert H. Malott  
Alfred P. Sloan Foundation  
Tellabs Foundation

Blue Society ($250,000.00+)  
Michael and Kay Birck  
BP America Inc.  
Caterpillar Foundation  
Virginia B. Cherry  
ComEd  
Paul Galvin Memorial Foundation Trust  
Grand Victoria Foundation  
Malott Family Foundation  
The Hitachi Foundation  
Motorola Foundation  
Toyota USA Foundation

Green Society ($100,000.00+)  
Anonymous (2)  
Albert Pick, Jr. Fund  
Alcatel-Lucent  
Ameritech-Illinois  
AMSTED Industries Incorporated  
Apple Computer, Inc.  
The Ball Foundation  
Bell and Howell Information and Learning  
Bell and Howell Foundation  
Helen Thom Edwards Charitable Trust

Jean R. Finley  
Ford Motor Company Fund  
Fred and Kay Krehbiel  
Mr. and Mrs. James R. Lancaster  
Michael McCool ’91  
William G. McGowan Charitable Fund, Inc.  
James D. and Marlene F. Pearson  
Dr. Stephanie Pace Marshall and  
Mr. Robert Marshall  
Pittway Corporation Charitable Foundation  
P Richter Foundation  
J.B. and M.K. Pritzker Family Foundation  
Robert Pritzker (Pritzker Foundation)  
The Searle Funds at The Chicago Community Trust  
Underwriters Laboratories, Inc.  
William J. and Jane S. White  
Jarvis and Tracy Yeh

Yellow Society ($50,000.00+)  
3Com Corporation  
Applied Computer Technology, Inc.  
Archer Daniels Midland Foundation  
G. Carl Ball  
Susan Snell Barnes  
The Boeing Company  
Mr. and Mrs. G. Thomas Castino  
Samuel M. Cherry Memorial Charitable Trust  
Walter and Virginia Cherry  
Community Foundation of the Fox River Valley  
The Crown Family  
Dillon Foundation  
Michael & Jacqueline Ferro and  
Merrick Ventures  
Fortune Brands, Inc.  
Hamilton Sundstrand Corporation  
Richard and Joanne Hansen  
Harris Foundation  
Illinois Tool Works, Inc.  
Greg and Ann Jones & Family Foundation  
KemperLesnik  
The Lehman Brothers Foundation  
The Lumpkin Family Foundation  
Molex Incorporated  
Novell, Inc.  
Precision Scientific  
Qwest Communications International, Inc.  
SAP America, Inc.  
The Seedlings Foundation  
Sentry Insurance Foundation, Inc.  
Sigma Aldrich Corporation  
Scott Swanson ’90

Orange Society ($25,000.00+)  
3M Foundation  
Duncan Alexander  
Ameren Corporation  
Bell Laboratories Library  
John F. and Carol Berger  
Borwell Charitable Foundation  
The Chicago Community Foundation  
Samuel S. Choi ’89 and Karen Choi  
Comer Science and Education Foundation  
Fund at The Chicago Community Trust  
Coopers and Lybrand  
Dr. Donald and Dr. Helen Edwards  
Fifth Third Bank  
The Forest Fund  
W. W. Grainger, Inc.  
Mr. and Mrs. Robert S. Ingersoll Foundation  
The Mayer and Morris Kaplan Family Foundation  
Nancy and Herb Knight  
Mallinckrodt Veterinary, Inc.  
Milken Family Foundation  
J.P. Morgan Chase & Co.  
Richard M. Morrow  
Nayak Family  
NICOR, Inc.  
Mr. and Mrs. Donald E. Nordlund  
Nortel Networks  
Old Second Bancorp, Inc.  
Rockwell Automation
The Muon* Society

The Muon Society recognizes and honors the following individuals and families who have established a planned gift of any size benefitting the IMSA Fund through their estate plans (including bequests, trusts or annuities). Muon Society members invest in the long-term future of IMSA with their generous gift. We are pleased to recognize these members of our community who have notified the IMSA Fund of their intentions.

Anonymous (1)
Samuel M. Cherry Memorial Charitable Trust, created under the Virginia B. Cherry Trust
Kevin ‘95 and Julia ‘96 Colby
Joshua A. Gerlick ‘99
Nancy and Herb Knight
Sarah “Sally” Strayer Levin
Dr. Stephanie Pace Marshall and Mr. Robert Marshall
Scott Swanson ‘90
Cathy and Bill Veal

To learn more, or to notify us about your planned gift and membership to the Muon Society, please call (630) 907-5040.

*The Muon is an elementary particle; the muon neutrino was discovered by IMSA co-founder Dr. Leon Lederman and his research into the muon neutrino and its products are recognized by his Nobel Prize in Physics (1988).
The fiscal year 2011 Giving Societies recognize the generous annual support of our donors by giving levels. This contributes support programs and services for IMSA students, staff, as well as other students and educators in Illinois and beyond.

Visionaries ($1,000,000.00 +)
The Harris Family Foundation

Benefactors ($500,000.00 +)
Abbott Fund
With McGowan Charitable Fund, Inc.
Tellabs Foundation

Trailblazers ($250,000.00 +)
ComEd
Helen Thom Edwards
Chase Trust
Lloyd A. Fry Foundation

Pioneers ($100,000.00 +)
Aramark Education
Blue Cross Blue Shield Association
Santa Fe Cherry Memorial Charitable Trust
Crown Family Philanthropies
Nancy and Herb Knight
Dr. Stephanie Pace Marshall and Kevin Narimatsu '89
Stephanie Jayne '90 and Jae Hwang-Hoesley

Patrons ($125.00 - $499.99)
Anonymous (13)
UC Systems LLC
Deke Abbott
Mr. Reuel G. Abraham
Mr. Vred and Mrs. Kalpana Aggarwal
Mark Armstrong '99
Chris Andreou '93 and Denise Gee
Melvin R. Bacon '90
and Rodolfo Jodet Baca
Dr. Jay and Ameeta Bajaj
Dr. Anil and Dr. Vin Bajaj

Supporters ($50.00 - $124.99)
Anonymous (5)
($500.00 +)
Tanya and Robert L. Ball
Mr. and Mrs. Steven Baker
Mr. and Mrs. William Bunnelle
and Leslie Evans
Mr. and Mrs. Robert Chang
Mr. and Mrs. James Corrie
Mr. and Mrs. James C. Corrigan
Mr. and Mrs. Kevin Feltes
Mr. and Mrs. Joan Feltsch
Bin Feng
Gary and Jerry Fernandez
Paul and Cindy Flynn
Follett Corporation
Jacob A. Foster '04
Mr. and Mrs. Siukwan Gande
Katlyn Jeff '97
Steven Gebhart '95
Mr. and Mrs. Jeff Geihm
Stephen Geissler '92 and
Katharine Perry-Gilbert
Peter and Julian Geld
Joshua A. Gerlick '96
Barbara A. Graham
Grushen Green, M.D., M.M.S. '92
Neal Groothuis '97
Nita and Monte Groothuis
William and Gayle Gunberg
Song Guo '05 and Carol Guo '92
Dr. Feng Guan and Dr. Yue Liao
Marta C. Guarin
Mr. and Mrs. Meena Gujari
Anne Guo '12
Mr. and Mrs. Dan Guo
Mr. and Mrs. Norm Guynn
Marsha and Robert Rosner
Mr. and Mrs. Lisa Haase
The Terrence J. Hall Family
Mr. and Mrs. Gary Halpern
John and Barbara Hecker
The Heim Family
Mr. and Mrs. Steve Heiss
Mr. and Mrs. Eric P. Helm
Jere and Marty Hendrikson
The Hennessey Family
Mr. Joe Hernandez
James and Ina Heup
Jack and Sharon Herring
Sarah and Win Hinkle
Diane and Tom Hinterlong
Dr. and Mrs. John Hopkins
Mr. and Mrs. Nadine J. Howard
Mr. and Mrs. Todd Howard
Mr. and Mrs. Shadrack Howard
Mr. and Mrs. Wayne Howard
Mr. and Mrs. Joshua J. Hoesley
Julie Hoffman
Roger Holite and Helen Diane
James Holmes '03
Mr. and Mrs. Kenneth Holmes
Mr. Hapeng Hong and Mrs. Jun Meng
Chesly Ann Hopper '92
Dave and Sandy Hopper
Jessica Hsu '90 and 'Anne Chong Hsu
Saunders Hsui, M.D. '99
Capuogn Crespi
Liaw and Frances Huang
Yifei Huang '09
Jim and Mrs. Yu Ro Huang
Pao and Julia Husen
Frank and Suki Iwama
IBM Employee Services Center
The Ibrahim Family
Ralph and Sue Sleis
Steven T. Issy
Albert and Agnes Itso
IMSA Fund Honor Roll of Donors

Deborah A. McGrath
Jack and Marie McEachern
Ms. Lynn McCauley and Angie Tuglus '94
Jacquie May
Helmer and Betty Martinez
John Martin
Jeff '00 and Lacey
Michelle Malenke
Mr. Robert and Mrs. Jill Magyar and Chieh T. Cheung
Helen H. Lin '91
Mr. and Mrs. Alexandre Likhterman
Rich and Esther Levey and Ruth Lin
Apinya Lertratanakul '93
Ms. Ellen Leonardi
Liliana Lefticariu
Mr. John Lee
Jason and Lu Lee
Mr. Gary Lavery
Mr. Michael Laurx and Mrs. Christy Pius
Dr. Regina Xavier
D. Vijaya Kumar and Usharani and Mohan Kumar
Ray and Janice Krouse
Brian and Ann Konen
Ms. Sharon A. Knight
Jungkuk Kim
Mr. and Mrs. Jong Ho Kim
Heidi Kim '99
Ahsan and Anjum Khaja
Timergali Khabiboulline
Joe Kestel '91
Eric J. Keller '95
Brenda C. Kardatzke
Jisan Research Institute
Monica Jain '93 and Barry Clukey
Mike '90 and Jen '90 Rudzinski
Angela K. Rowley
Matthew and Tracey Rossi
Swanson-Roney
Patrick Roney and Ingrid
Erin Roche '89
Gudrun and Edward Richarson
Mr. Ronald and Venu Gupta
Ms. Roberta Shinn
Glen and Kiag Lian Chin
Yeon Su Chong '11
Mr. and Mrs. Simon Chong
Ms. Mina Cho
Nitin Chowdary Chilukuri '11
Karen Chien '05
Jason Chien '12
Mr. Peter Chen and Ms. Cindy Lee
Frederick W. Chen '93
Eddy Chen and Jane Jih '99
Arthur J. Gallagher & Co.
Tasha Arvantis '11
Mr. Ramesh Atluri
Rajeev Atluri '11
Denise and Terry Aylesworth
Maciej '97 and Christina
Bruley '97 Babinski
Megan Baca
Robert A. Bagpins '11
Amish Bajaj 10
Sonia Bajaj 11
Kevin Charles Baker '11
Nancy Baker
Karen Ballinger '95
Oмотоyо I. Balogun '11
Evan Balzawiet 10
Morebayo O Bankole '11
Kirthi C. Baranu '11
Mr. and Mrs. Chandra B. Taramide
Sophia Baramide '13
Kent Barbay '92
Diana Tun Barnes '02 and Jason G. Barnes '01
Liz Bartos '09
Edward Beach '90
Mr. Richard and Mrs. Sheila Beck
Wesley Beck '11
Jim Begley '90
Leanne Beaton
Kirsten Beizer
Jacob E. Bennett '01
Mr. Timothy Berg
Amy Beth Berry '90 and Christopher Berry
Amber C. Bet old '11
Shelly S. Bhartia '10
Shilaidya Bhattacharya '11
Mr. and Mrs. Richard Bieniek
Bindeman Family
Mr. Edwards and Mrs. Alejandra Bistrian
Mr. and Mrs. Linda Blain
Steve and Sheila Blunt
David and Allison Boldtidge
Ann and Douglas Borgen
Kara Bongen '04
Joseph Boncomi '91
Robert B. Bollinger '90
Kathleen (Enin) '96
Zandroniz Booth '96
Madeline R. Booton '11
John W. Bozarth '90
Tom Bosworth '90
Wesley Tomson Bradley '11
Laure Radkiewicz Brady '99
Mathew Robinson '92
Jami Breslin
Molly Breslin '94
Wilfred D. Brown '92 and Katy Bland-Brooks
Michael J. Brown '90 and Amy Brown
Mr. Ed Burns
Mrs. Susan A. Burke
Mr. Steven J. Butler and Mr. A. Butcher
Therese Marie Caldwell '11
Lourdes Celerino
The Cangilla Family
Carabajal Family
Carlton Technology Consultants, LLC
Marsha Case
New Holland, Inc. Excellence in Government Committee
Ayse Hacer Celikin '11
Jason Victor Chang '90
Lynna David Chang '08
Louis Chang '96
Clifford Chatman
David Richard Chatman '11
Eddy Chen and Jane Jih '99
Frederick W. Chen '97
Keith Chen '94
Mr. Peter Chen and Mrs. Cindy Lee
Richard Chen '98
Margaret Chen '95
Stephanie D. Chen '11
Robert Kousum Chatting '10
Gloria Jane Chadwell '11
Mr. and Mrs. His-chi Chien
Jason Chien '12
Karen Childs
Nitin Chowdary Chilukuri '11
Ms. Mina Cho
Mirand Ellyn Stewart '11
Mr. and Mrs. Simon Chong
Yeong Chyi '11
Ms. Julia J. Choo
Mr. Swee Hock Choo and Mrs. Kiyako Choo
Alumni Donor Recognition by Class Year

**Class of 1990**
- Eugene Foss
- Yang Z. Xu
- Trisha Jung
- Jone Keel
- Adrianna Kumpshe
- Helen L. Lin
- Emily A. Melfo
- Kristina Nadas
- Katherine T. Rapp
- Kurt Revis
- Shawn Scott
- Amy Szechini
- Tjard Flieur
- Mark W. Wu

**Class of 1992**
- Anonymous (2)
- Kendal Babey
- Rachel A. Benoit
- Leanne Brocklin
- William C. Brooks
- Clay M. Dean
- Ami Dhawan
- Samuel Filomino
- Stephen Gieisler
- Sara A. Gokgoj
- Rajesh Goovadha
- Gretchen E. Green
- Tim Harrity
- Jonathan Hayward
- Chelsi Ann Hopper
- Elizabeth Kinsella
- James Aloysius Kinsella
- Cynthia (Westphal) McKendall
- Parthi Mehta
- Todd Mitchell
- Jen (Paul) Norton
- Eric R. Quinn
- Christopher M. Sedlack
- Julia Stambarger
- Glenys A. Thorstenson
- Lisa Wu

**Class of 1993**
- Andrew Beaver
- Joseph Buda
- Ann H. Chen
- Frederick W. Chen
- Elizabeth Chung
- Brian Eitschel
- Jennifer Hsu
- Earl W. Iibusie
- August Jackson
- Monica Jain
- Elizabeth Knight
- David A. Knoll
- Boyou P. Kolasa
- Apinya Leratanakul
- Jet-Sun Lin
- Wanda Mahoney
- Tarun Nagpal
- Robert N. Nanda
- Amanda Lee Potocky
- Matt Pritchard
- Elsa Wang-Rehner
- Tony A. Rippy
- Christina L. Rosenmeier
- Charles W. Saitta, Jr.
- Sunny L. Stalter
- Erin A. Stayke
- Suchon Tuly
- Richard R. Tung
- Matt Unterman
- Claire C. Wang

**Class of 1994**
- Anonymous (2)
- Andrew Leong
- Richard C. Low
- Manfred O. Mielke
- David C. Moore
- Eva B. O'en
- Patrick A. Sullivan
- Meghan Tadell
- Varum Tao
- Allen Van Peet
- Jessica Droste Yagan
- Sam D. Yagan

**Class of 1996**
- Jeanine M. Batterson
- Jonathan A. Bouchard
- Kathleen (Erin) Booth
- Michael Brody
- Andrew D. Chen
- Julia Colby
- Brian Curduman
- Laura Dabbish
- Kristin A. de Groot
- Evan T. Englebard
- Eva Bach Engle
- Brad Friedman
- Irene Friedman
- Eileen D. Gentman
- Devora E. Gerdes
- John G. Gerdes
- Kathina (Bradley) Harden
- Erin Hawley
- Matt Hellige
- Joshua S. Levin
- Brian Mirza
- Jacob R. Plummer
- Brian A. Sebbey
- Amanda C. Shanbaum
- Meredith Shaw
- Austin T. Spread

**Class of 1997**
- Anonymous (1)
- Castor Amnesto
- Christina Braley Babinski
- Maciej Babinski
- Charles Balowe
- Elizabeth Cohen
- Andrea Croll
- Ramon Cruz
- Alex A. Dietrich
- Claire Fesser
- Sarah (Lowry) Fowler
- Daniel Friedman
- Kaitlyn J. Gao
- Robert C. Gienko, Jr.
- Ryan James Giordano
- Neal Grouth
- Ankur Kothari
- Rebekah L. Nielus
- Clair Null
- Kathleen Prinske
- Paul Hoff
- Michael Seh
- Christopher T. Sukhapadhana
- Jennifer Tietz
- Matt Tomoko

**Class of 1998**
- Anonymous (1)
- P.J. Balin-Walkins
- Molly Breslin
- Richard Chen
- Julia Comerford
- Paul Heible
- Angela Janis
- Luciana T. Lassiter
- Richard J. Lee
- Kaia M. Meyer
- Anthony Nuehl
- Jenna Colby Pollock
- Kelly Jean Rabin
- Charles Rickert
- Barry Schwartz
- Andrew Thomas
- Jennifer Lanette Urban-Pawors
- Andrew Van Pelt

**Class of 1999**
- Ryan Armour
- Denise L. Curduman
- Anne C. Feltsovich
- Joshua A. Gerick
- Jane Jh
- Brian Kambach
- Hodi Kim
- Nathaniel C. Leung
- Saurab Marwari
- Kate Murray
- Clare Marie Myers
- Zoez Nadas
- Neha Narula
- Maria Pacana
- Paul S. Pharr
- Jorge L. Reyes
- Brandon Schleisinger
- Jason W. Sieffman
- Marisa Silvay
- John A. Sosa
- Gihoon Sung
- Aaron C. Thompson
- Jamie A. Valez
- Lynn Wandig
- Annem Wilczynski
- Jacqueline Witan
- Linus Wong

**Class of 2000**
- Margaret L. Anderson
- Victor Chan
-validator: Victor Chong
- Vanessa H. Clark
- Stacey Ann Cruz
- Jennifer M. Davis
- John R. Hamman

**Class of 2001**
- Anonymous (1)
- Pooja K. Agarwal
- Jason J. Arne
- Jacob E. Bennett
- Megan Dinkelman
- Megan D. Hoadley
- Michelle Fitzpatrick
- Carly A. Hawkins
- Katherine Lorenzen-Hove
- Lavina Jadhawan
- Gaurav K. Joshi
- Lisa M. Kelly
- Kathleen A. King
- Mathew Klinger
- Elizabeth Lawrence
- Lacey Langguth Margolis
- Susan E. May
- Brian Park
- Julie H. Park
- Jennifer Peck
- Charise L. Pertite-Sharp
- Julie DePue
- Thomas Rooney
- Sarah Rothschild
- Polina Sotnikova
- Sean M. Smith
- Kelly (McCabe) Sula
- Sarah Durbin
- Winn W. Wasson
- Stacie E. Whittaker
- Mark Witt
- Yisong Yue

**Class of 2002**
- Amanda J. Barnes
- Yong Chen
- Mykal D. Doroth
- Estelle A. Gavriel
- Matt Isoda
- David H. Klemperer
- Andrew Blake Langan
- Jennifer S. Li
- Chelsea M. Lyon
- Jennifer Mo
- Jessica R. Renning
- Rebecca S. Round
- Vanessa V. Rardon
- Arthur M. Wotton
- Yun Wu
- Danny Yagan

**Class of 2003**
- Sharon J. Derkey
- Matthew A. Dasso
- Mark A. Dasso
- Matthew A. Dasso
- James M. Dasso
- Sunita Jasti
- David Johnson
- Stephen A. Rickett
- Colin L. Krepp
- Catherine L. Negri
- Loretta S. Li
- Andrea Lienos
- Jeff Margolis
- Jessica McAleen
- Timothy A. Messer
- Tiffany A. Morgan
- Malika A. Mustafa
- Vishesh Nayar
- Stephen Paige
- Sins R. Rival
- Andrea B. Rokow
- Maya Srinak
- Matt Stanislaski
- Christopher A. Tassone
- Matt A. Tomaszewski
- Bayly Wheeler

**Class of 2004**
- Amanda L. Armour
- Dana L. Armour
- Kira Bongen
Class of 2011
Ruch Aagawal
Lisa O. Akritilo
Paul J. Angelillo
Emily Angarcia
Katherine E. Arenas
Sarah E. Aramend
Tashia Avant
Ramji Atluri
Robert A. Baginski
Bonia Bajaj
Kevin Charles Baker
Omotayo I. Balogun
Morenoباب E. Bankole
Kirth C. Barotho
Amber C. Betsold
Shiladitya Bhattacharyya
Maddeline R. Boston
Wesley Tomson Bradley
Therese Marie Caldwell
Ayesha Caceres
David Richard Chatman
Stephanie D. Chang
Nitin Chodvanyi Chilkuri
Mirai Choi
Yeon S. Choong
Dane H. Chrislenson
Samuel Contreras
Cecilia A. Countaman
Joseph Edward Davison
Dilyana R. Dimitrova
Cedeed Eren Dogan
Victor Dunai
Sharon D. Duval
William Robert Erwin
Quaid's O. Evans
Amber Jean Farrell
Justin L. Feng
Garett Conrad Flack
Miguel Arturo Garcia
Xavier D'Artagnan Gingerevans
Chase S. Gisdish
Nikolai G. Glavananov
Andrew C. Go
David A. Gruendo-Thomas
Lisa J. Gradby
Andrew J. Gray
Rudol Gutierrez
Brittney June Hanson
Derek W. Hardin
Kenneth W. Harvey
Josephmed Hayat
Stephanie K. Hwang
Jason Hjempestad
Wesley Earl Herron
Ingrid Hsiung
Eric Huang
Sarah Laurennl Ignacio
Breiel James
Vijay Jayaram
Jasmine Joda
David Johnston
Ashley Jones
Ryan Jordan
Connor Judd
Andrew Jung
Agnesh Khambestal
Nicholas Karch
Mahr Khan
Jewn Kim
Jennifer Kim
Matthew Kleinjan
Elizabeth Knowlton
Michael Kobela
Mike Kovach
Monica Koizhal
Kathleen Kramer
Samuel Kwak
Evan Lee
Daniela Leitcharo
Robin Lindemann
Naomi Liu
Victoria Lo
Karen Luo
Justine Lu
Corinne A. Madsen
Chante Kenyada Mahone
Sarah M. Malik
Jahan Mandayam Comar
Lydia Matthews
Ian I. McNamee
Samuel Mercier
Jacobc Milbury
Samir Mishra
Vanessa Nansamba
Nidi Nwachukwu
Luke J. Nayak
Ian Neco
Brenton A. Neegees
Lehi Nutli
Melissa O'Brien
Cai O'Connell
Elizabeth Ott
Molly Pachay
Brian Page
Daniel Hyungmoon Pak
Sai Panepally
Casse Pariss
Rheo Parida
Jay Patel
Kavita Patel
Puja Pati
Adriana Perez
Pranavasha Pera
Marat S. Purnn
James Quigley
Faith Quigley
Haley M. Ramirez
Isah Ramos
Sanjay Rattan
Morgan A. Rebbine
Thomas Reith
Ashley Ro
Rafael Rodriguez
Skeeter Rumble
Nicole Runkie
Satteg Sakuma
Michael Salเลิศ
Dhriti Vinod Shah
Mehal Shah
Samir Shah
Gary Shen
Kimberly Shen
Katherine Shi
Kevin Shi
Jack Shi
Si Si
Samuel Simon
Tiffany Simpkins
Maji Singh
Naveed Srinath
Alexander Smil
Ashley Smith
Courtney Alexia Mann Smith
Richard Daniel Smith
Richard Song
Aubrey Sumyunged
Adiya K. Suresh
Diya Tarkassali
Benjamin Taylor
Brittany Taylor
Michael Tong
Vivek Thakkar
Oscar To
Cameron Tomasso
Kari C. Tyler
Sumana Vardhan
Nitesh Varma
Vamika Venkatesan
Nicholas D. Virgil
Ian James Walker
Kelly Wallie
Christopher Wallis
Gary Wang
Kenny Wang
Jimmy Wang
Karna Warrior
Sarah Wettekamp
Taylor Wells
Brendan Wesel
William Whelsh
Michael Wong
Megan Wu
Nathan Yan
Han Yang
Candace Ti
Elyson Yu
Paul Yuan
Rocherl Joshua Zalameda
Claire Zhang
Kevin Zhao

Class of 2012
Jason Chen
Mckoshy Gande
Joscoyel Garcia
Anna Guo
Kalvin Kim
Kwickein Lee
Hanlin Miller
Aja Pius
Tony Pius
Rose Sloan
Andrew Ta
Sinnam Vyas
Vanya Yorgova
Elana Zinti

Class of 2013
Megan Bacari
Sophia Baramdize
Wesley Bek
Brian Chen
Wen'en Chu
Richard Falara
Vivek Gakotu
Shannon Glanz
Eva Marie Meyer
Dhruv Patel
Monica Patel
Wilson Webel
Maia Wenny
Ashley Yeager
Satarb Yerrabolu

FY11 Matching Gift Companies and Foundations
Abbott Fund
Alstate Giving Campaign
Amperise Financial
Arthur J. Gallagher & Co.
Bank of America Foundation
Baxter International, Inc.
Boeing GiftMatching Program
BP America Inc.
Cisco Systems, Inc.
CME Foundation
eBay Foundation Matching Gifts Program
Exxon Matching Gifts Program
Federaledation Large Cities, Inc.
Follett Corporation
GE Foundation
General Mills Foundation
Generations Fund/Glen-M. Inc.
Goldman, Sachs & Co
Matching Gifts Google, Inc.
Granting Foundation, Inc.
Ideal Industries Foundation
Kirkland & Ellis Foundation
Lincoln Financial Foundation
MALOTT Family Foundation
Mettle Children's Foundation
Matching Gifts Program
McDonald's Corporation
Microsoft Corporation
Moosoo USA Foundation, Inc.
MMC Matching Gifts Programs
Motorola Foundation
National Instruments
NewAlliance Foundation
Nissan North America, Inc.
The Pentair Foundation
Plumly Township Company
The Progressive
Insurance Foundation
Raytheon Company
Resam Inc.
Sentry Insurance Foundation, Inc.
Sun Trading Solutions LLC
Symetra
Takeda Pharmaceuticals
North America, Inc.
The John D. and Catherine T. MacArthur Foundation
The Washington Post Company
TransUnion LLC
United Technologies
Worl's. Wright Foundation Company

Endowment Gifts
Mccorin Bach '97 and Christina Bruley Babinski '97
Lloyd A. Ford Foundation
(organized by Dr. Stephanie Pace Marshall)
Brian M. Grunkemeyer '94
Joanne and Richard Hansen
The Harris Family Foundation
Bob, Margaret, Connor, Molly and Erin Hernandez
Nancy and Herb Knight
Nakay Family
Michael Su '97

Tributes
Tributes are designed for a variety of uses at IMSA, yet they all have a shared purpose – to memorialize or honor in family member, friend or colleague.

FY11 Gifts were received in Commemoration of
Brittany Bursch '12
Chuck Hamberg
Bernard Holland
Clare Kruekenberg, father of Kurt '95 and Kristin '98 Krakenburg
Gail Leberman
Sarah "Sally" Strayer Levin
Peter R. Pinsky
Francine Josephine Spielman, mother of IMSA Trustee Sheila Griffin
Seth Swanson '90
Colin Woods '08
Mary Van Verst
Scott Leavitt '04

FY11 Gifts were received in Honor of the following individuals:
Mevin Babani '90
Mary Celes
Marjorie Donath
Baby Hardy
Herbert B. Knight
Maryセンター Lee '12
Michelle Malenke
Ron '99 and Linnie '89 McKenzie in appreciation for their significant service and sacrifice in support of our country and its interests.
Eric M. "Bud" Morse
Stella Jane Rydland, granddaughter of Dr. and Mrs. James Rydland
Jacqueline Pearl Steffen '08
Laurie Sutherland
Drew Wentzel '12
Jake Wentle
Matthew Wentzel
Marriage of Jessica Yokley '99 and Chad Brand

FY11 Gifts were received in Honor of the following groups:
2010 Board of Trustees Alumni Award Recipients: Dan Frakes '89, Lillian Kao '89, Mike McCool '91, Travis Schleder '98, and Ray Stadt '93

IMSA Advancement Team

In FY11 Gift-in-Kind Contributions
Anonymous (2)
Abbott Laboratories
Benedictine University
Department of Math and Computer Science
Adeleine Coloma
Scott and Marci Crawford
Jonathan Hayward
Kenneth Jeng, Sr.
Samsung Electronics America, Inc.
Sigma Aldrich
Sodexo, Inc.

While we carefully prepare this donor list, we recognize that errors may have occurred. Please accept our apology if your name is not properly represented and contact the IMSA Fund at (630) 907-5040 so that our records can be corrected. Thank you!
Advancing the Human Condition

If we do what we know and feel is right, it is bound to happen that among our graduates there will be numbered scientists, engineers, and those who go on to earn degrees in law and letters. There are likely to be those few who create new intellectual worlds, cure a dreaded human ailment or in some other way significantly influence life on our planet. Our philosophy will be to treat our charges as if each one is capable of this extraordinary achievement.

– Dr. Leon Lederman, Nobel Laureate
IMSA “Founding Father” and Resident Scholar

IMSA-Project A.L.S.™
Advancing Through Advocacy

The IMSA-Project A.L.S. Partnership was seeded in the fall of 2010 when Dr. Stephanie Pace Marshall, founding president and president emerita of IMSA, met Ben Stiller, comedian, actor, writer, film director, and producer, at the Clinton Global Initiative in New York. Dr. Marshall sought him out not because he was a famous star, but because he was a passionate advocate in the fight against amyotrophic lateral sclerosis, also known as ALS or Lou Gehrig’s Disease.

Stiller quickly connected IMSA and Project A.L.S., two leading organizations drawn together by a common cause.

Since then, the IMSA-Project A.L.S. partnership has taken root and now inspires the IMSA community and beyond to advocate, act and search for a cure. IMSA President Dr. Glenn W. “Max” McGee said he continues to be amazed by the passion and drive of alumni, students and colleagues.

“The hope, passion, perseverance and dedication shown by alumni, students and staff in the fight against ALS makes me extremely proud to be a part of IMSA – a place where we help students achieve their aspirations, stretch their imaginations and use their gifts to advance the human condition,” Dr. McGee said. “In addition, it is inspirational to see their collective talents, skills and hearts come together to collaborate for a common cause – drawn together by the life of a man whom they so deeply respect and admire.”

IMSA-Project A.L.S. Partnership Ignites Summer Student Research

An interview with IMSA student Vivian Zhang about her summer research experience at Project A.L.S.

IMSA360: Why did you want to pursue a research opportunity with Project A.L.S.?
Zhang: I first became aware of Project A.L.S. when Valerie Estess came to IMSA to talk about ALS and the research the organization pursues. I had never considered ALS research beforehand, but I had taken Molecular and Cellular Biology (MCB) and I was intrigued by how much of the presentation I understood. I thought that studying ALS would give me an opportunity to use the knowledge I had gained and learn how it pertains to the real world.

IMSA360: What were the three most valuable takeaways you learned about the research process in a “real-life” laboratory?
Zhang: 1. Anything that can go wrong will go wrong. Fortunately, I never made the same mistake twice. Each error just made me more conscious of things to check for the next time. 2. Research work is tedious and often very slow. There were times when I’d sit at a computer counting cells which could easily number into the hundreds...per image. Waiting for results is a matter of months and often years. It takes a lot of passion and patience. 3. Never discount anything. Most of our procedures required working on a micro scale and sometimes even nano. The smallest of amounts can make all the difference. In our Methods of Scientific Inquiry course at IMSA, I was taught never to discard data, and I now understand why.

IMSA360: What were the most important lessons you learned about ALS research?
Zhang: Finding a cure for ALS would be a huge breakthrough for neurodegenerative diseases. ALS is linked to many other diseases because of how it affects cells in the body. Also, ALS research does not
IMSA’s journey with Project A.L.S. flourished in December, 2010 when Co-founder and Director of Research Valerie Estess (whose sister Jenifer died from the disease) visited IMSA as the keynote speaker for an assembly, “Project A.L.S – Finding and Funding Treatments and a Cure for A.L.S.” Since then the partnership has grown to, in the words of IMSA’s mission statement, “ignite and nurture creative, ethical, scientific minds that advance the human condition.”

In June 2011, IMSA hosted an ALS Awareness Night to raise awareness of ALS and advance the IMSA-Project A.L.S. Partnership (see photos from event). Featured guest speakers were Valerie Estess and Dr. Kevin Eggnan, Ph.D., associate professor of Stem Cell and Regenerative Biology at Harvard University. Dr. Eggnan is a current grantee of the Project A.L.S-funded research – Human ES and iPS Cell Based Models of ALS.

Dr. Eric McLaren, IMSA principal and vice president for academic programs, and his wife Kim [Vitek] McLaren, a former IMSA staff member, served as honorary co-chairs. Diagnosed with ALS in September 2010, Dr. McLaren inspires many with his determination to live and work as long and strong as possible as he battles this cruel disease.

The event raised more than $60,000 for the McLaren Family Research Fund at Project A.L.S. and $20,000 for the IMSA Fund’s “cure a dreaded human ailment” (cadha) fund.

As a result of the IMSA-Project A.L.S. Partnership and with support from the cadha fund, IMSA student Vivian Zhang conducted research at the Project A.L.S. Jenifer Estess Laboratory for Stem Cell Research in New York during the summer of 2011.

To learn more about Project A.L.S. news, events and the research underway, visit www.projectals.org.

To learn more about Vivian’s summer research experience at Project A.L.S., read her interview (inset).

always require studying patients with ALS. In the lab, there were many people working on developing models to study ALS in a more controlled setting. However, those models require studying pathways and proteins that act in the progression of other neurodegenerative diseases as well. There are fascinating connections between these diseases.

**IMSA360:** Do you plan to pursue future ALS research opportunities and if so, where/when would you like to begin?

**Zhang:** I do plan on pursuing future ALS research opportunities. I’ve gained a lot of laboratory experience working at Project A.L.S., but I still have a lot to learn. This year as part of my Student Inquiry and Research (SIR) project I am working in the laboratory of Dr. Teepu Siddique, with Dr. Faisal Fecto; Siddique is the director of the first ALS Laboratory at Northwestern University. By continuing to study ALS, I will be able to fine tune my abilities in a context with which I’m familiar.

**IMSA360:** Is there anything you learned from this experience that you can apply to your SIR (Student Inquiry and Research) investigation at IMSA?

**Zhang:** I became much better at keeping a lab journal. I developed a compulsion for recording everything that I did: all my procedures, my mistakes, my results. Whenever I ran a gel, I’d print out the picture and tape it to my notebook. In general, I learned a lot of laboratory techniques. Small things like loading a gel are second nature to me now.

**IMSA360:** What would you tell other IMSA students interested in pursuing a research opportunity of this type?

**Zhang:** For starters, take MCB! The first day at Project A.L.S., Alex (my lab supervisor) told my lab partner (a Columbia University sophomore) and me to run a PCR (polymerase chain reaction), a procedure to amplify a segment of DNA. He didn’t expect me to know what a PCR was, much less know how to run one and was surprised when I didn’t need an explanation. From then on, Alex would explain the context of certain procedures and protocols to me, but because I knew enough of the fundamental biology behind it, we saved a lot of time which I could then dedicate to working in the lab. My second piece of advice: be comfortable making mistakes – it will happen…a lot. Nothing you do will be so egregious that everyone will hate you.
The hope is that the cadha fund will inspire you to find something that feeds your sense of purpose. The hope is that it will press you beyond ‘being good’ to ‘being good for something.’

– Dr. Eric McLaren
IMSA Principal and Vice President for Academic Programs

IMSA Fund cadha fund

Advancing Through Expanded Opportunities

During the 2010–11 academic year, friends and colleagues of Dr. McLaren established in his honor the “cure a dreaded human ailment” fund, also known as the cadha fund.

The name “Cadha” (ca-dha) is Scottish (like McLaren) and means “from a steep place.”

An interview with IMSA Fund donor and IMSA staff member Linsey Crowninshield, assistant director of student life: leadership and service

IMSA360: Can you please describe your past and present roles at the Academy?

Crowninshield: I am in my 12th year at the Academy. In essence I grew up here starting as a resident counselor at the young age of 21. After two years, I became a hall coordinator for three years and head of Residence Life for four years. I am currently in my third year working primarily with service learning and leadership programs and curriculum development. Every day I look for opportunities to help students explore their passions and apply them toward positive change.

IMSA360: Why is it important for you and others to support IMSA and the IMSA Fund?

Crowninshield: Giving to the IMSA Fund is great because so many of the non-traditional learning experiences it supports help students form their curiosity about the world, create their identity and establish their values.

IMSA360: In particular, why do you support the cadha fund?

Crowninshield: IMSA’s history and origin came from a “steep place,” a fight against the odds. The cadha fund framed opportunities for our community and beyond to take problems that are from a steep place and work to solve them. Cadha is about our mission, our values and advancing the human condition. Cadha is also about foundational change because it is not asking for quick fixes; rather, it dives deeper into root issues, ideas and challenges.
“Though it may require some mountain-moving or traveling unknown and difficult roads and passages, curing a dreaded human ailment and helping others who have the talent and passion to do so are magnificent ways to advance the human condition,” Dr. McLaren said.

Gifts to the IMSA Fund’s cadha fund support IMSA programming related to curing dreaded human ailments and improving quality of life for those who are afflicted, with emphasis on serious orphan diseases including ALS.

An orphan disease is a rare disease which has not been “adopted” by the pharmaceutical industry because there are not enough patients to make drug development cost-effective. An orphan disease also can be a disease which is rare in the industrialized world but common and largely ignored in the developing world. These diseases face special challenges in attracting public attention, research and funding. Examples of serious orphan diseases are amyotrophic lateral sclerosis (ALS), cystic fibrosis and Tourette’s syndrome.

The cadha fund supports various learning experiences and opportunities for students, staff and others who participate in IMSA programs, including but not limited to:

- Research opportunities
- Applied technology projects
- Educational and advocacy initiatives
- Curriculum innovation

“Though I am honored to be the one to inspire your commitment to this endeavor, our work has just begun,” said Dr. McLaren in a message to the IMSA community. “For beyond the desire to cure disease, should be the will to confront all steep places and to strive to create a better life that can only come from the wellspring of education.”

“Let this fund grow beyond our wildest dreams – limitless in our ideas and in the opportunities we create.”

To learn more about the cadha fund or make a donation, visit www3.imsa.edu/giving/leadership/cadha.

**IMSA360**: What do you hope to provide IMSA students through the cadha fund?

**Crowninshield**: I hope to offer more expeditionary and experiential learning opportunities for students, first and foremost to promote research related to orphan diseases. Also, I hope to make connections with other prominent high schools that are advocating and taking action in relation to orphan diseases – to promote the exchange of thoughts, ideas and collaboration.

**IMSA360**: What are the ways other staff members and constituents can give?

**Crowninshield**: The IMSA Fund offers a variety of giving options, as does IMSA. We should all strive for a good mix and fair balance between the giving of our time, talent and treasure. Being part of the IMSA community is a privilege and an opportunity to grow, develop and take risks, be limitless in our ideas and interactions, and ultimately find a fulfilling balance.

There is a symbiotic relationship between giving and learning, and people give to honor others. I believe in the work and the life of Eric and I want to forever cement his contributions, voice and influence in the design of how we work and play and move things outwards. For me, cadha is about giving, learning and developing.

IMSA staff member Linsey Crowninshield attends ALS Awareness night with IMSA students, staff, alumni, other IMSA community members and friends of the McLaren family to support efforts in the fight against ALS.
Advancing the Human Condition

The Illinois Mathematics and Science Academy is home to not only some of the State’s brightest students, but also to some of the most dedicated students in the fight against ALS. Dr. P. Hande Ozdinler, as part of the ALS Awareness Month activities, visited IMSA, met with the students and staff, and gave a presentation about ALS as part of the IMSA Great Minds Program…Thanks to Dr. Ozdinler’s initiative, we are pleased to host and mentor IMSA students in ALS research at Northwestern University laboratories, and we will be happy to see these talented, highly motivated students and Dr. McLaren at our upcoming events.

– Les Turner, ALS Foundation

ALS Campus Initiatives

Advancing Through Student Research and Innovation

IMSA students became introduced to Dr. P. Hande Ozdinler’s research during ALS Awareness Month, and as part of the IMSA Great Minds Program®. During her presentation “Intrinsic and Extrinsic Factors that Control Motor Neuron Vulnerability in ALS,” Dr. Ozdinler spoke about the novel approaches being developed to understand cellular and molecular mechanisms responsible for motor neuron degeneration.

Ozdinler, an assistant professor of neurology at Northwestern University and director of the second Les Turner ALS Laboratory, has a vision and generous spirit that led Zi-Ning Choo, Lakshmi Katta, Ted Li, Maura Slattery, Rohil Tekriwal and Areen Pitaktong to conduct summer Student Inquiry and Research (SIR) investigations in ALS research with her and her team. Zi-Ning, Ted and Rohil are continuing their work throughout the present academic year.

Vivian Zhang, returning to Illinois and IMSA after her New York summer, is now pursuing her SIR investigation in the laboratory of Dr. Teepu Siddique, with Dr. Faisal Fecto; Siddique is the director of the first ALS Laboratory at Northwestern University. Read Vivian’s interview about her internship at Project A.L.S. in this issue of IMSA360.

Also, through the SIR program, Rahul Maheshwari and Sarah Martin are examining the immune system’s role in ALS using a mouse model of the disease with Dr. Nichole Mesnard at the University of Illinois at Chicago. Many other IMSA students are pursuing SIR investigations in related areas, including immunology, neuroscience, and Parkinson's Disease and Alzheimer's Disease research.

“The Student Inquiry and Research Program provides IMSA students with the opportunity to begin contributing to scientific investigations in important areas such as ALS research and cancer biology,” said SIR Program Director Dr. Judy Scheppler. “IMSA students, by being supported in pursuing their passions now, are all the more likely to rapidly advance critical breakthroughs in the near future,” she added.

Harris Family Foundation Gift Largest in History of IMSA Fund

An interview with King Harris, a prominent Chicago business leader, civic leader and philanthropist, about his family’s 20-year commitment to IMSA and its innovative programs, including the family’s recent $1 million donation to the Stephanie Pace Marshall Endowment to Ignite Innovation.

IMSA360: What factors influence you when considering whether or not to give to a philanthropic cause?

Harris: There is no simple answer to this question, but we can say, as a family, that we favor gifts that “move the dial” – gifts that are transformative. We have actively supported IMSA because we believe that IMSA’s curriculum developments can influence the teaching of Math and Science at schools throughout the State of Illinois and, for that matter, the entire country.

IMSA360: Why was it important to give to the Stephanie Pace Marshall Endowment?

Harris: This endowment is going to focus on innovative learning, the main reason we have supported and continue to support IMSA.
Dr. Ward, who developed her interest in research as an IMSA student, spoke about her interest in “re-purposing old drugs” for new uses. In addition to being more cost-effective, repurposing old drugs can also save time in the fight to find cures to orphan diseases.

“There are a lot of challenges in rare disease research…the overwhelmingly biggest one from my perspective is money,” said Dr. Ward. “Drug development and drug discovery…is incredibly expensive. When I first got involved with drug development the saying was ´it takes 10 years and 10 million dollars to develop a new drug.´ Those numbers are significantly higher now.”

Dr. Irfan Qureshi spoke about epigenetics as “the next frontier” in scientific research.

Referencing the Time magazine article, “Why Your DNA Is Not Your Destiny,” Dr Qureshi spoke about how genes and the environment can interact and influence disease acquisition.

“What this means is that for almost every disease, there is an environmental component,” he said. “This is particularly true for those of the nervous system because the nervous system is more influenced by the environment than almost any other system.”

Dr. Qureshi went on to say that epigenetic therapeutic agents can “reprogram neural cells” and that most major drug companies have an epigenetic program.

IMSA President Max McGee applauded IMSA alumni panelists for advancing humanity through their amazing research contributions and reiterated a point to IMSA students in the audience.

“IMSA is educating you for careers that don’t yet exist,” Dr. McGee said. “Twenty years ago, epigenetics didn’t exist.”

To see the alumni presentations, visit http://coolhub.imsa.edu/web/great-minds.
IMSA Great Minds Program®

Alumni Panelists

Dr. Irfan Qureshi '94
Irfan is an assistant professor in the Department of Neurology and an investigator for Brain Disorders and Neural Regeneration at the Albert Einstein College of Medicine.

Dr. Jennifer Ellis Ward '93
Jennifer is a post-doctoral fellow in the Hematology/Oncology Section at the Boston University School of Medicine.

Dr. Michael Wilson '94
Michael is a neuro-infectious disease fellow at Massachusetts General Hospital and at Boston University’s National Emerging Infectious Diseases Laboratories (NEIDL). NEIDL is the federal government’s newest biosafety level 4 facility, designed to study the most dangerous and deadly infectious agents.

Dr. Meiye Wu '94
Meiye is a staff scientist in the Department of Biotechnology and Bioengineering at Sandia National Laboratory in Livermore, CA.

IMSA25 Calendar of Events

Celebrating 25 years of IMSA leadership in science, technology, engineering and mathematics (STEM) education, IMSA held a number of events throughout the 2011–12 year.

Look for information on events throughout the 2011–12 year, including ways you can be involved and celebrate IMSA’s 25th Anniversary!

www.imsa25.com

September 7, 2011
IMSA25 Community Birthday party
Aurora Mayor Tom Weisner Officially Proclaimed “IMSA Day” in Aurora, IL

October 21, 2011
IMSA Great Minds Program®
Alumni Panel on Orphan Diseases

December 2–3, 2011
IMSA Design Charrette for Online Learning

December 5, 2011
IMSA Dodecahedron Day

January 9–13, 2012
IMSA Intersession

April 10, 2012
IMSA Great Minds Program®
Leon M. Lederman Frontiers of STEM Symposium

April 14, 2012
IMSA25 Gala at St. Charles Country Club
benefiting the IMSA Energy Center and IMSA FUSION

April 25, 2012
IMSAloquium

June 4, 2012
Commencement
Dear friends of IMSA,

This issue of IMSA360 includes the IMSA Fund for Advancement of Education’s annual report for Fiscal Year 2011, a year in which we raised more than $2 million including our largest commitment to date, a multi-year $1 million pledge from the Harris Family Foundation of Chicago. On behalf of the IMSA Fund Board of Directors, I thank all donors who support IMSA’s mission and work.

My journey with IMSA began more than a quarter of a century ago when as a teen, I heard about this start-up residential academy for Illinois students who were talented and interested in mathematics and science and thought “I’d like to go there!” Letting a child leave home three years earlier than his freshman year in college was a big decision. Thankfully my parents supported my application, fortunately I was admitted and went on to earn the IMSA diploma and academic medallion (Charter Class of 1989), and clearly this unique opportunity has profoundly influenced my academic path, life and work.

Today, as managing director with Silicon Valley Bank’s Venture Capital and Private Equity Services Group in the Midwest, I see IMSA as much more than my alma mater. I see it as a strong and critical player in the region’s and nation’s innovation and entrepreneurship ecosystem. Many alumni are successful entrepreneurs, blazing new trails and creating jobs.

As a proud alumnus, donor, volunteer and advocate, one way I give back to IMSA is by serving as president of the IMSA Fund. Over the next few years, the Board will lead an initiative to build our Endowment (Stephanie Pace Marshall Endowment to Ignite Innovation and other endowed projects of interest to donors and to IMSA) and to support the IMSA Energy Center and IMSA FUSION. We’re beginning this initiative now, during IMSA’s 25th anniversary year; you can learn more at www.imsa25.com.

We have other giving opportunities as well and especially appreciate gifts to IMSA/IMSA Fund (Greatest Need Fund) as these provide the most flexibility to fund high priorities that cannot be funded by other revenue sources. Please visit www.imsa.edu/giving.

Let me conclude by reflecting on a particular giving opportunity I supported in 2011, the cadha (cure a dreaded human ailment) fund. When I was a student at IMSA (1986–89) Eric McLaren was a resident counselor, responsible for nurturing our academic, social and personal development and for “keeping us in line.” Twenty-five years later, he serves as principal and vice president for academic programs. As he bravely lives, works and leads with ALS (Lou Gehrig’s disease), he is inspiring the next generation of talented students to take on tough challenges with passion and purpose. Eric has devoted his professional life to the potential and promise of the IMSA Classes of 1989–2014, and many IMSA alumni are now stepping up and giving back. We’re coming full circle and paying it forward, in part to pay tribute to this remarkable man.

Thank you for your past support, and please join me in donating to the IMSA Fund this year.

John B. Hoesley ’89
Managing Director, Silicon Valley Bank
SAVE THE DATE
for the Following IMSA Events!

Intersession
IMS/Abbott Professional Development Day
IMSA 25th Anniversary Gala
IMSAloquium
Alumni Weekend

January 9–13, 2012
March 2, 2012
April 14, 2012
April 25, 2012
July 20–21, 2012


Celebrate 25 years of IMSA’s leadership in science, technology, engineering and mathematics (STEM) education!

Look for information on events throughout the 2011–12 academic year, including ways you can be involved and celebrate IMSA’s 25th Anniversary!

www.imsa25.com

© 2011 IMSA Fund for Advancement of Education
Production made possible by private funding.
This publication has been printed on recycled paper.