

IMSA Beyond Knowledge

Illinois Mathematics and Science Academy®

Board of Trustees

Presents

*Fifth Annual Alumni Awards Ceremony and
Alumni Volunteers Recognition Dinner*

Friday, July 22, 2011

6:00 – 8:00 pm

Hilton Lisle-Naperville

IMSA is celebrating 25 years of leading the way for scientific inquiry in Illinois and beyond. Our vision is one of pushing the boundaries of human knowledge for the progress of our societies. We do this through fostering tomorrow's innovators, expanding access to high-quality education, and elevating science, technology, engineering and mathematics (STEM).

Program

WELCOME

Dr. Glenn W. “Max” McGee, President
Illinois Mathematics and Science Academy

DINNER

BOARD OF TRUSTEES ALUMNI DISTINGUISHED LEADERSHIP AWARD PRESENTATIONS

Dr. Ronjon Paul '89

Presented by Dr. Luis Núñez
Member and Past Chairman, IMSA Board of Trustees

Dr. Matthew Pritchard '93

Presented by Jesus “Manny” Sosa
Past Member, IMSA Board of Trustees

Clara Shih '00

Presented by Gary D. Jewel
Past Member, IMSA Board of Trustees

Dr. Frank Wood '92

Presented by James D. Pearson
Past Member and Founding Chairman, IMSA Board of Trustees

RECOGNITION OF ALUMNI VOLUNTEERS

Presented by John H. McEachern, Jr.
Member and Past Chairman, IMSA Board of Trustees

CLOSING REMARKS

Dr. Glenn W. “Max” McGee

*Thank you for joining IMSA and the Board of Trustees in this celebration
and recognition of outstanding alumni accomplishments and support.*

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The IMSA Fund for Advancement of Education is a 501 not-for-profit corporation that accepts and distributes gifts and grants from the private sector to support IMSA's mission and work.

Board of Trustees Alumni Awards

Established in 2006, the IMSA Board of Trustees Alumni Awards are the highest honors bestowed to alumni in recognition of their accomplishments and contributions to their fields of endeavor, to IMSA, and to the citizens of Illinois, our nation and the world.

Alumni Trailblazer Award

The Alumni Trailblazer Award is bestowed when merited and honors alumni who personify IMSA's philosophy statement that there will be alumni who "create new intellectual worlds, cure a dreaded human ailment or in some other way significantly influence life on our planet." The outstanding achievements of these honorees will have earned national or international prominence for a groundbreaking or sweeping initiative that has redefined and improved the way significant numbers of citizens live, learn or work. In 2011, there are no recipients in this award category.

Alumni Distinguished Leadership Award

The Alumni Distinguished Leadership Award, an annual award, goes to alumni who have made distinguished achievements or leadership contributions in their professional fields of endeavor consistent with IMSA's mission. The awardees also may be recognized for significant civic or community contributions or for extraordinary courage and selflessness under challenging circumstances.

Alumni Titan Award

The Alumni Titan Award, an annual award, honors alumni, who through outstanding service to IMSA, advance the institution's mission and work. The honorees are enthusiastic and energetic IMSA champions who dedicate significant time, talent and/or treasure to endeavors that help the Academy fulfill its role in developing talent and leadership in mathematics, science and technology for our state, nation and world. In 2011, there are no recipients in this award category.

For more information on award guidelines, nominations, or previous award recipients, visit www.imsaalumni.org/awards. Nomination deadline for the 2012 Alumni Awards is November 30, 2011.

Alumni Distinguished Leadership Award



Dr. Ronjon Paul '89

Dr. Ronjon Paul '89 is a leader in the field of reconstructive cervical and lumbar spinal surgery. As a spinal surgeon and medical director for The Spine Center of DuPage Medical Group, Dr. Paul has treated and taught neurosurgeons and spinal surgeons from around the world. He is an award-winning researcher in genetic tissue engineering for degenerative disc disease and other spinal disorders, and his findings have been published in major medical journals. He has been an invited speaker at many regional, national, and international medical conferences reaching international audiences. Dr. Paul has also been involved in basic science research regarding gene therapy for intervertebral disc regeneration, for which he has several publications and research awards. Dr. Paul leads The Spine Center, which according to Paul, "Is interdisciplinary in that it uses the talents of both surgical and non-surgical physicians (who work as a team) to treat patients with spinal ailments. I am very proud of how it has evolved and its unique nature. I believe it is the only one of its kind in the area-maybe Illinois." Dr. Paul received his Bachelor of Arts degree from Haverford College and his M.D. from The University of Chicago – Pritzker School of Medicine.



Dr. Matthew Pritchard '93

Dr. Matthew Pritchard '93 is a geophysicist who measures changes in the shape of the Earth and develops models of the myriad processes that cause these changes including: earthquakes, volcanoes, groundwater, landslides and glaciers. He is an associate professor in Earth and Atmospheric Science at Cornell University and a faculty fellow at the Atkinson Center for a Sustainable Future. Through research and teaching, Dr. Pritchard strives to answer some of today's pressing societal questions about natural hazards and the degree to which humans are influencing glaciers and groundwater resources. His work has been published in many science journals, and he was recently awarded the National Science Foundation's (NSF) CAREER Award. This most prestigious NSF award is "in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations." He also is a recipient of the NASA New Investigator Program Award given to "develop a broader sense of responsibility for effectively contributing to the improvement of science education and the public science literacy." Dr. Pritchard received a B.A. degree in Physics from The University of Chicago and an M.S. and Ph.D. in Geophysics from California Institute of Technology.

Photo credits: Frank DiMeo, Cornell University Photo

Alumni Distinguished Leadership Award



Clara Shih '00

Clara Shih '00 is a trailblazer in many rights, combining her keen knowledge and entrepreneurship savvy to help influence, improve and innovate business technology applications nationwide. Among her many accomplishments since graduating from IMSA in 2000, Shih was named one of the Most Influential Women in Technology 2010 (The Entrepreneurs group) by *Fast Company* magazine and authored

The Facebook Era: Tapping Online Social Networks to Build Better Products, Reach New Audiences, and Sell More Stuff which is now used as a textbook at the Harvard Business School. In addition, Shih just published her second edition of *The Facebook Era*. Shih is also the creator of Faceconnector (formerly Faceforce) the first business application on Facebook, and was the product line director for AppExchange, described by *Forbes* magazine as the “iTunes of business software” and one of the top innovations of 2007. She is now the founder of Hearsay Corporation, a social media marketing software company based in San Francisco and frequently delivers social media keynotes at global conferences across the world. Shih is a recipient of the prestigious Marshall Scholarship, awarded to people who are likely to become leaders in their field and to make a contribution to society. She credits her IMSA experience for helping her to receive the scholarship by providing unique learning opportunities for her at an early age, including a summer internship in physics at Fermi Accelerator Laboratory and research work in sensor technology at the University of Illinois-Chicago. She earned a B.S. degree in Computer Science and Economics from Stanford University, an M.S. degree in Computer Science from Stanford University, and an M.S. degree in Internet Studies from Oxford University.



Dr. Frank Wood '92

Dr. Frank Wood '92 is an accomplished entrepreneur, computer scientist, statistician and educator. Dr. Wood is an assistant professor of statistics at Columbia University and an award-winning researcher in the field of statistical machine learning. He conducts research at the intersection of neuroscience, computer

science, statistics, and cognitive psychology with a current focus on models of natural language and algorithms for lossless compression that shed light on the path toward artificial intelligence. He has founded two companies, Betacular, Ltd., a London-based predictive markets software company and ToFish!, Inc., a Washington, DC-based content-based image retrieval company which was acquired by AOL. Dr. Wood earned a B.S. degree in Computer Science from Cornell University and a Ph.D. in Computer Science from Brown University.

Past Alumni Award Honorees

2010 Recipients

Alumni Distinguished Leadership Award

Dan Frakes '89
Lillian Kao, M.D. '89
Travis Schedler, Ph.D. '98

Alumni Titan Award

Mike McCool '91
Ray Stadt '93

2009 Recipients

Alumni Distinguished Leadership Award

Thandeka K. Chapman, Ph.D. '89
Rebecca Willett, Ph.D. '96

Alumni Titan Award

Pooja K. Agarwal '01
Joshua A. Gerlick '99
Sendhil Revuluri '90

2008 Recipients

Alumni Trailblazer Award

Steven S. Chen '96
Russel E. Simmons '95

Alumni Distinguished Leadership Award

Sanza T. Kazadi, Ph.D. '90
Mia K. Markey, Ph.D. '94
Captain Kenyatta H. Ruffin '99
Scott Swanson '90

Alumni Titan Award

Neal K. Groothuis '97
Paul J. Strasma '94

2007 Recipients

Alumni Trailblazer Award

Rob McCool '91
Ramez Naam '90
Yu Pan '95

Alumni Distinguished Leadership Award

Ben Chelf '96
B. Scott Gaudi, Ph.D. '91
Noah A. Rosenberg, Ph.D. '93
Terri L. Willard '89
Tuwanda Williamson, M.D. '91

Alumni Titan Award

Michael H. Brody '96
Andrea (Ande) L. Croll '97
John B. Hoesley '89
Douglas A. Pratt '97

Recognition of Alumni Volunteers

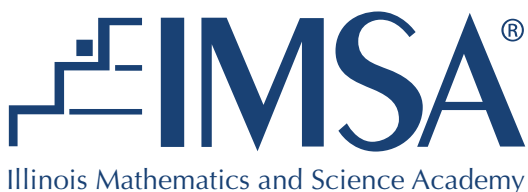
During the 2010-2011 academic year, more than 200 alumni from every class year generously shared their time and talents with IMSA. As program volunteers, these alumni supported the academic and residential program for IMSA students and some of the Academy's statewide professional development programs for Illinois teachers and enrichment programs for other Illinois students. They also helped with technology projects, recruitment of prospective students, served as mentors and "big siblings" for current students, shared legislative contacts, and participated in media interviews and special events. They taught week-long Intersession courses, coordinated reunions and alumni gatherings, advised student clubs, and worked with IMSA Kids Institute®. These alumni also provided strategic counsel to the IMSA Board of Trustees, the IMSA Fund Board of Directors, administrative and program leaders, and Admissions Student Review Committee.

IMSA would like to extend its sincere appreciation to the following alumni volunteers:

Douglas Adams '99	Angela J. Coton '96	Cristal A. Garcia '07
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Vickie Nopachai '94	Nan Sethakorn '01	Jody Zarrell (Turrell) '98
Adam M. Novak '08	Joseph F. Shidle '90	

While we carefully prepare this list of volunteers, we recognize that errors may have occurred. Please accept our apology if your name is not properly represented and contact IMSA's Office of Advancement at (630) 907-5041 so that our records can be corrected. Thank you!



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)

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