



Convocation

August 17, 2015

The mission of the Illinois Mathematics and Science Academy®, 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.

We Believe That...

- All people have equal intrinsic worth.
- All people have choices and are responsible for their actions.
- Belonging to a community requires commitment to the common good.
- Diverse perspectives enrich understanding and inspire discovery and creativity.
- Honesty, trust and respect are vital for any relationship to thrive.
- Learning never ends.
- Meaning is constructed by the learner.
- No one's path in life is predetermined.
- The ability to discern and create connections is the essence of knowing.
- We are all stewards of our planet.

IMSA Convocation

9:00am

Main Gym

Welcome

Dr. Robert Hernandez
*Executive Director of
Student Affairs*

Pledge of Allegiance

Heidi Dong
Student Council President

Opening Remarks

Dr. José Torres
IMSA President

Dr. Marie Dahleh
IMSA Principal

Featured Musical Piece

Jennifer Crawford
Class of 2012

Clarinet

*Hommages á J.S. Bach
by Béla Kovács*

Keynote Address

Dr. Gretchen Green
Class of 1992
Vice Chair, Board of Directors,
National Women's History
Museum,
Attending Radiologist,
Greensboro Radiology,
Professional Association

Closing Remarks

Dr. Marie Dahleh
IMSA Principal

Biography

Gretchen E. Green MD, MMS



Dr. Gretchen E. Green is a physician leader who brings a combined focus on science and society to benefit her patients, fellow physicians, and the US population at large through her role as vice chair of the National Women's History Museum Board of Directors. Currently an attending radiologist at Greensboro Radiology in North Carolina, Dr. Green has been actively involved in advocacy for women physicians and patients through research since graduating from the Illinois Mathematics and Science Academy and Brown University. Dr. Green advocates for women undergoing breast imaging and obstetrical ultrasound, using her expertise as a radiologist and her background on the societal impact of imaging technology. An active member of her community, she promotes breast cancer education and frequently gives talks to the public on breast cancer. Through her work with the American Medical Association (AMA), she achieved a modification to existing AMA policy to help cover mammography reimbursement for breast cancer patients. As Acting Chair of the Board of Directors of the National Women's History Museum, she facilitated passage of a bill in Congress to help create a physical location for the Museum in Washington DC to benefit visitors from around the world.

Dr. Green's current efforts are focused on educating physicians and patients on the technical and societal issues of imaging technology and to serve as a resource for companies looking to integrate the history of medicine into future development decisions. She has lectured nationally on women's imaging topics as well as the history of women in medicine, and has co-authored two acclaimed medical textbooks on breast imaging with colleagues at Brigham and Women's Hospital, Harvard Medical School. Dr. Green has a Sc.B in neuroscience, M.M.S. in the history of medicine and pharmacology and an M.D. from Brown University.

In 2013, Dr. Green was the recipient of the IMSA Alumni Distinguished Leadership Award.

Biography

Jennifer Crawford



Jennifer Crawford '12 has continued to pursue her academic and musical interests at St. Olaf College in Northfield, MN, where she is a member of the Class of 2016. Jennifer is a proud member of the St. Olaf Band, a touring ensemble at St. Olaf College. Playing with the band has brought her across the country and even across the ocean to Spain, France, and Italy.

Since leaving IMSA in 2012, she has published an article on organometallic chemistry, "Nickel-catalyzed decarboxylative C-H arylation of azoles with perfluoro- and nitrobenzoates," in *Organic Chemistry Frontiers*, a peer-reviewed journal. The article may be found here: <http://pubs.rsc.org/en/content/articlelanding/2015/qa/c5qa00040h#!divAbstract>. This August Jennifer will be presenting a poster at the American Chemical Society's 250th National Conference, in Boston.