

Illinois Mathematics and Science Academy®

igniting and nurturing creative, ethical, scientific minds that advance the human condition

IMSA Board of Trustees Regular Meeting September 18, 2013 Meeting Minutes

Call to Order

Chairman Griffin called the meeting to order at 8:32 a.m.

Roll Call

Ms. McKenna called the roll.

Members Present: Sheila Griffin, Leslie Juby, Mary Kalantzis (via teleconference), Jack McEachern, Luis Núñez, Paula Olszewski-Kubilius and Marsha Rosner

Members Absent: Jay Budzik, Kathy He (arrived via teleconference 8:35 a.m.), Steven Isoye, Erin Roche (arrived 8:45 a.m.) Karen Hunter Anderson, Harry Berman, Christopher Koch and James Rydland

Trustee McEachern motioned and Trustee Núñez seconded to go into closed session to review July 17, 2013 Closed Session Minutes, (5 ILCS 120/2 Sec. 2a, (c) (21); Matter Relating to Individual Student A (5 ILCS 120/2 Sec. 2a, (c) (9 & 10); Litigation Status Update (5 ILCS 120/2 Sec. 2a, (c) (11); and Employment, Performance and Compensation of Specific Employees, (5 ILCS 120/2 Sec. 2a, (c) (1 & 3). Voting aye were Trustees: Griffin, Juby, Kalantzis (via teleconference) McEachern, Núñez, Olszewski-Kubilius and Rosner. The motion passed by a vote of 7 ayes to 0 nays.

Closed Session Held

Reconvene in Open Session

The Board reconvened in open session at 9:35 a.m.

Roll Call

Ms. McKenna called the roll. A quorum was present.

Members Present: Sheila Griffin, Kathy He (intermittently via Adobe Connect and teleconference), Leslie Juby, Mary Kalantzis (via Adobe Connect and teleconference), Jack McEachern, Luis Núñez, Paula Olszewski-Kubilius, Erin Roche, Marsha Rosner and Jim Rydland.

Members Absent: Jay Budzik (arrived 9:49 a.m.) Steve Isoye, Karen Hunter Anderson, Harry Berman, Christopher Koch and James Rydland

Liaisons Present: Melvin Bacani for IMSA Alumni Association, Eric Hawker for Faculty, Anthony Marquez for Student Council

Liaison Absent: JuliAnn Geldner for IMSA Parents Association Council and Michael Suh for the IMSA Fund (arrived 9:42 a.m.)

Chairman's Good News Items

Senior James Tao outdid himself this summer, winning a gold medal competing for Team USA at the International Mathematics Olympiad. Tao competed on July 23 and 24 in Santa Marta, Columbia, against 600 of the world's most talented students, representing more than 100 countries.

Congratulations to IMSA's 48 semifinalists named by the National Merit® Scholarship Program in its 2014 competition. IMSA semifinalists are listed on our home page and represent 30 different communities throughout Illinois. Approximately 24 percent of IMSA's senior class were recognized as semifinalists, in comparison to less than one percent of the average school to enter the nationwide competition. About 90 percent of all the semifinalists will attain finalist standing, and approximately 8,000 of these finalists will receive National Merit Scholarships for undergraduate study totaling \$35 million. Merit Scholars will be announced in the spring of 2014.

Two examples of IMSA scholarship from Digital Commons are: Susan Styer's "Using Inquiry to Teach Microscope Skills" published last year in the Illinois State Teacher's Association *Spectrum* and Michael W. Hancock's lesson plan, "Making Gatsby Great: Fitzgerald's Revisions" posted in the repository over the summer.

The future of Chicago's legal profession looks bright judging by a National Law Review survey that named Ann H. Chen IMSA '93 one of "Chicago's 40 under 40." As trademark counsel at Wm. Wrigley Jr. Co., Ann protects the brand assets of popular products like Juicy Fruit, Orbit, Starburst and Skittles, and this month, she will be joining the legal team of Wrigley's parent, Mars.

Congratulations to IMSA alumna Gita Krishnaswamy '96 who received a federal grant in Race to the Top funds for \$231,597 to implement PBL in her district in Kent, Washington. Eleven months ago Gita tweeted when she started her new job as a curriculum coordinator for the Kent School District, the very first thing she wrote down on her office whiteboard was, "Bring problem-based learning (PBL) to KSD!"

Kudos to our Multicultural Education Specialist, Adrienne Coleman, for securing Dr. Julian Bond as the Keynote Speaker at our Martin Luther King Day Celebration on January, 20, 2014. Dr. Bond has been an activist in the civil rights, economic justice and peace movements since college and served 20 years in the Georgia House and Senate. He was the first president of the Southern Poverty Law Center, received the Civil Liberties Union Bill of Rights Awards from Massachusetts and Georgia and holds 25 honorary degrees. Trustees are invited to attend the celebration. The agenda and additional information will be provided closer to the event date.

Room Arrangement Trial

Option #2 for the room arrangement trial is being tried out today. We will revisit which we like best moving forward. Thank you to John Wandolowski, Britta McKenna and IMS for working together to make this happen.

Reports of Liaisons

Chairman Griffin reviewed criteria for liaison reports, highlighting the need for each group to focus on 1) items that advance the six needs and priorities as identified by the Board for the Presidential Search and 2) their significant questions, issues or plans each group is working on. She announced that the IMSA Fund will rotate liaisons at Board meetings in FY14 and welcomed Michael Suh '97, Chair of IMSA Fund's Finance Committee to today's meeting.

IMSA Alumni Association

Melvin Bacani said new officers were elected in July, alumni continue to partner with students from IMSA's Spark Club to educate and advocate for those with degenerative diseases, and a team of students and alumni are volunteering and climbing the Willis Tower to raise money for the Rehabilitation Institute of Chicago (RIC) in honor of Dr. Eric McLaren.

IMSA Student Council

Anthony Marquez spoke of finalizing the club chartering process while putting some clubs on the "watch list," initiating the Leadership Education and Development (LEAD) program for new sophomores, and SIR programs underway at Argonne and Fermi Lab, as well as Independent Studies and Internships through TALENT.

IMSA Faculty

Dr. Eric Hawker welcomed new faculty members, mentioned concerns about the results of the 2013 Engagement survey, and spoke of working with Chris Kolar to analyze the data to more fully understand the report and determine causes of the decline. He formally requested that the faculty representative to the Board be present and be able to report on any and all discussions concerning the hiring of the next IMSA president and principal as well as participate in discussions regarding the future direction of the Academy. Chairman Griffin said the Board looks forward to hearing the results of the engagement analysis at the next meeting, and the faculty request regarding the Presidential search will be taken under consideration.

IMSA Parents Association Council (PAC)

Dr. Robert Hernandez reported for JuliAnn Geldner that PAC has successfully welcomed all new families to IMSA. The PAC meeting schedule has been restructured and over 200 families have volunteered to serve in various roles and on multiple committees. The PAC's IMSA Fund goal this year is \$110,000 with 66% parent participation.

IMSA Fund Board

Michael Suh highlighted end of FY13 financials, which included raising over \$1.1 M, establishing record high participation rates and implementing the telemarketing campaign. He reviewed IMSA Administration's requests for program and projects funding as well as capital funding to assist with the residential halls project of approximately \$430,000. A presentation to the Finance Committee on September 25 for these needs and the transfer of \$1 million from IMSA Fund's unrestricted reserve funds to IMSA Fund's endowment funds and development department staffing is planned.

Trustee Budzik arrived 9:48 a.m.

ACTION ITEMS

Minutes July 17, 2013 Board Meeting Closed Session

A motion was made by Trustee Rosner and seconded by Trustee McEachern to approve the closed session minutes of the July 17, 2013 Board meeting as presented in closed session. Voting aye were Trustees Griffin, Budzik, Juby, Kalantzis (via teleconference), McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 9 ayes to 0 nays.

Resolution Honoring Board Treasurer Patrick Furlong

Trustee McEachern presented the following resolution to Mr. Furlong who will be retiring at the end of September:

“WHEREAS, the Illinois Mathematics and Science Academy was established to offer a uniquely challenging education for students talented in the areas of mathematics and science and to stimulate further excellence in mathematics and science for all Illinois schools; and

“WHEREAS, the Academy has authored an inspiring chapter of leadership, achievement and impact in its 28 years; and

“WHEREAS, the Academy’s success and sustainability depends in large part on the vision and strength of its governing Board; and

“WHEREAS, Patrick Furlong has given generously of his time, talents and energy serving as Board Treasurer, assisting Trustees with their fiduciary duties, and working closely with agencies of the State of Illinois; and

“WHEREAS, Mr. Furlong led Strategy 6 of the Academy’s Strategic Plan ensuring a stronger foundation for diversified funding; and

“WHEREAS, under Mr. Furlong’s direction, the Academy’s budgeting, financial systems and reporting procedures greatly improved, enabling Trustees and staff to forecast needs and utilize funds more effectively; and

“BE IT FURTHER RESOLVED, that the Board of Trustees of the Illinois Mathematics and Science Academy gratefully acknowledges the dedication, contributions and commitment of Patrick Furlong; that we deeply appreciate his years of distinguished service to the Board and Academy; and that we wish him well in his retirement.

Mr. Furlong thanked the Board for the resolution and the confidence placed in him and thanked Dr. Stephanie Pace Marshall for hiring him. He said he has a great deal of trust in Mary Spreitzer and Kimberly Corrao going forward and is not yet sure what he will do in retirement.

A motion was made by Trustee McEachern and seconded by Trustee Roche to approve the Board Resolution honoring Mr. Furlong. Voting aye were Trustees Griffin, Budzik, Juby, Kalantzis (via teleconference), McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 9 ayes to 0 nays.

Election of New Board Treasurer effective October 1, 2013

A motion was made by Trustee Rosner and seconded by Trustee McEachern to elect Kimberly Corrao as Board Treasurer effective October 1, 2013. Voting aye were Trustees Griffin, Budzik, Juby, Kalantzis (via teleconference), McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 9 ayes to 0 nays.

Report of the Treasurer

Patrick Furlong referenced the FY 13 Financial Highlights noting we did in fact “land the 747 on the postage stamp” thanks to the efforts of Kimberly Corrao, John Wandolowski and Bud Berge. He cited our lapsed amount of only \$38,500, or about .002%, of the total EAF appropriation which is the smallest in IMSA’s history.

Mr. Furlong said FY14 financial results in terms of budgetary spending were slightly ahead of last year’s pace, the budgeted contribution format was tweaked a little for a clearer picture moving some areas from program to support, and more spending than revenue is projected by

about \$400,000 in the Income and Locally Held funds. He spoke of the various financial challenges, looking at different funding sources, raising revenue and matching it all up, likening it to a rubrics cube or a 3-legged stool.

Report of the President

Context for Our Work and Some Big Things To Do in FY14

Ms. Cathy Veal spoke of the serious work to do this year grounded in IMSA's legislative charges and mission including, the six needs and priorities identified by the Board for our Presidential Search, and legislators' expectations. She commented that some of these commitments build on our work and momentum in recent years, others reinvigorate longer standing initiatives that have been dormant or "struggling" of late, and others are new.

Ms. Veal said that regarding **educational programs**, we have commitments related to: online offerings; "the IMSA Way" of teaching, learning and talent development; logic models and evaluation plans; personalized learning for all enrolled students; CADRE; and IMSA scholarship. With regard to **infrastructure and support**, Ms. Veal spoke of commitments related to: capital projects; multicultural development plan; marketing; international programming and consulting; performance-based component of compensation plan; and alternative business/financial models for IMSA's future.

She pointed out these commitments do not represent all of the necessary and important work IMSA will do this year, as there are many other strategic and operational priorities and there are talented, dedicated leaders for all 12 commitments. Trustee Núñez asked that specific timelines and deliverables be added for the priorities.

She also commented on the excellent opening to our 2013-14 academic year and Convocation presenters noting as we go forward in the spirit of my Community Learning Day comments, KEEP CALM AND IMSA ON, with CALM an acronym for **Clarity, Alignment, Leadership, Momentum**.

ACTION ITEMS

Consent Agenda

Ms. Veal recommended approval of the Consent Agenda as presented. A motion was made by Trustee Roche and seconded by Trustee Budzik to approve the Consent Agenda. Voting aye were Trustees Griffin, Budzik, Juby, Kalantzis (via teleconference), McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 9 ayes to 0 nays. The following items were approved:

MINUTES

July 17, 2013 Regular Board Meeting

PERSONNEL ITEMS

Resignations

Yih sien Michelle Cheng, Bradley S. Hartman, Deborah D. Sanders,

Retirements

Patrick M. Furlong, James A. Gerry,

New Staff

Rebecca E. Calvillo, Lisa A. Hellman, Eric T. Hetland, Connie James-Jenkin, Alexandria (Alex) Johnson, Donald C. Rathje, Lindsay A. Roper, Nicole R. Ross, Alisa M. Smith-Riel, Fiona M. Spence, John W. Thurmond, Jr., Caitriona Tobin, Karen M. Togliatti, April Jo Verser, Yizhe Zhang

Change in Status

Adrienne Coleman, Jim Farrell, Dalia Nilles, Franklyn F. (Skip) Powell, Steve Zant

Part-time

Athletics/Co-Curricular

Enoch Benson IV, Jim Bernardini, Bill Bueschen, Amanda E. Horvath, Brittany L. Johnson, Dana Lamont, Christopher J. McMahon, Emma Miller, Allison Miner, Patrick Mitchell, Vicki Morrow, Ivan Rodriguez, Matthew R. Wunderlich

Policies

- Discipline Procedure Policy
- Authority to Enter into Contracts and Agreements Policy

FY14 2% Reallocation Budget Transfer Request to IBHE

Ms. Cathy Veal pointed out that IMSA's FY14 Educational Assistance Fund (EAF) appropriation distribution among expense categories was different than we expected or need, thus transfers into personal services and social security will enable continued implementation of our compensation structure and sets the stage for our last item. She recommended Board approval to reallocate 2% of our appropriation as follows:

\$ Amount	From	To
\$ 227,000	Contractual Services	Personal Services
\$ 87,400	Commodities	Personal Services
\$ 8,600	EDP	Personal Services
\$ 5,400	EDP	Social Security
\$ 20,000	Telecom	Travel
\$ 20,000	Telecom	Equipment

A motion was made by Trustee Roche and seconded by Trustee McEachern to approve the FY14 2% Reallocation Budget Transfer Request to IBHE as presented. Voting aye were Trustees Griffin, Budzik, Juby, Kalantzis (via teleconference), McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 9 ayes to 0 nays.

FY15 Budget Requests to IBHE

Ms. Cathy Veal noted that IMSA's FY15 operating and capital budget requests reflect our legislative charges "to offer a uniquely challenging education for students talented in the areas of mathematics and science" and, as importantly, "to stimulate further excellence for all Illinois schools in

mathematics and science” (105 ILCS 305/1), as well as our mission “to ignite and nurture creative, ethical, scientific minds that advance the human condition.” In addition, our requests support our role in advancing *The Illinois Public Agenda for College and Career Success*:
<http://www.ibhe.state.il.us/masterPlanning/default.htm>.

Ms. Veal recommended approval of our FY15 Budget Requests as follows:

Operating:

Education Assistance Fund (EAF) Appropriation – \$368,900 (2.0%) Increase; Total – \$18,814,600

In addition to our primary goal and need to sustain excellence, we want to increase our visibility and impact. The requested increase would be used to invest in both technology infrastructure and personnel required to expand “the IMSA Way” of teaching, learning and talent development beyond our residential students to teachers and their talented students at other schools throughout the state. The online and blended teaching vehicles will include existing online learning pilots as well as other online resources such as the Mentor Matching Engine being tested this year by the State’s STEM R&D Learning Exchange partner schools. At the same time, we will integrate online teaching and learning to strengthen the impact of our face-to-face educator and student programs, including but not limited to IMSA FUSION, Problem-Based Learning and Summer@IMSA, through our field offices (Chicago, Metro East Region and Rock Island Region) and in other areas of Illinois.

IMSA requests a total EAF appropriation of \$18,814,600 recognizing fully the State’s significant fiscal challenges, but also armed with a growing body of evidence regarding the effectiveness of our outreach programs in increasing both interest and achievement in STEM, and convinced that online teaching and learning represents a huge opportunity to leverage the State’s limited resources. This funding increase would advance both of our legislative charges, enabling IMSA to impact significantly greater numbers of talented students and their teachers throughout Illinois. *[Please note that, pending further guidance from the Board of Higher Education, this target increase may be packaged as part of a multi-tiered request that reflects different “investment levels” in e-learning and outreach programs. Such a “stepped” approach to budgeting has been employed by IBHE for the past few years.]*

Income Fund Spending Authority – \$3,050,000

This appropriation request remains at \$3,050,000.

Capital:

The State already has appropriated slightly more than \$10 million for two major Academy projects—extensively renovating all seven residence halls and upgrading our 36-year-old, second-floor science labs. Of this total the State has released \$6,260,000 for IMSA to work with the Capital Development Board on Phase I of the residence halls rehabilitation project. Funding for the science labs upgrade project has been approved but not provided yet.

Our capital requests now are:

Residence Halls - Phase II Upgrades - \$1,857,000

The scope of this interior work in the residence halls will include upgrading bathrooms, kitchens, doors, lighting, flooring, and HVAC systems for the common areas, all of which are approaching 25 years old. These updates will address many of the challenging issues associated with over two decades of occupancy by high school-aged students, as well as some safety improvements. In addition, they will take advantage of advancing technology, and they will result in reductions to the operating costs of both energy and water usage.

Academic Building HVAC and Domestic Water Handling Systems Upgrades - \$2,235,000

The infrastructure equipment serving IMSA's Academic Building is about 35 years old. In the intervening years significant improvements have occurred in HVAC and water handling technologies, which, if implemented, would significantly reduce operating costs and improve energy efficiency. In addition, given its age, the existing equipment is increasingly expensive to repair and maintain. This project, which IMSA first submitted three years ago, would replace all boilers, chillers, cooling towers, and associated pumps, piping, and control systems throughout the Academic Building.

A motion was made by Trustee McEachern and seconded by Trustee Roche to approve our FY15 Budget Requests to IBHE as presented. Voting aye were Trustees Griffin, Budzik, Juby, Kalantzis (via teleconference), McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 9 ayes to 0 nays.

Trustee Kalantzis left the meeting at 10:10 am

Use of Reserve Funds for Residence Halls Project

Ms. Veal recommended approval of using up to \$860,000 of IMSA's reserves, held in our Income and Locally Held Funds, to complete the external portion of the Residence Halls Project if required. She noted this authorization will be provided to the Capital Development Board (CDB) to enable project plans to proceed and go out to bid in November. She said we will ask the IMSA Fund Board of Directors to provide half of this shortfall from its unrestricted resources (donations and earnings on investments) as one component of private sector support for capital projects.

Trustees discussed project timing, scope expansion and obtaining funding elsewhere. Trustee Roche asked if we plan to replenish our reserves. Mr. Furlong said we intend to replace our reserves and to have up to 25% of our funding in reserves if needed. He emphasized that Phase 1 is critical and is scheduled to be completed next summer. He said it is our hope that the amount approved is enough to go ahead with the project and that the Fund Board will agree to our request. Michael Suh mentioned that the Finance Committee is aware of this ask and the Fund Board of Directors will need to review and approve the appeal for money to support this project.

A motion was made by Trustee McEachern and seconded by Trustee Roche to approve use of our reserve funds up to \$860,000 for the Residence Halls Project if needed. Voting aye were Trustees Griffin, Budzik, Juby, McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 8 ayes to 0 nays.

Student Fees Proposal Class of 2017

Ms. Veal said this item relates to Trustee Roche's comment about replenishing our reserves. Dr. Hernandez discussed speaking to parents who thought the proposed fee schedule was "ok" but did express concerns about the raise in the lowest tier. He mentioned there is a system in place for appeals, with waivers and reductions available for parents not able to afford the fees. He said families are notified about the availability of decreased fees and exceptions, especially in the Rockford and Springfield areas, with his contact information to request a change in their tier or payment. Dr. Hernandez also mentioned a lot of parents do not provide financial information.

Mr. Furlong spoke of running different student fees scenarios including keeping the same structure as in past years and only raising it by about \$50; however, the one being presented made the most sense and could generate about \$500,000 more with the increase, half of which will go to pay for the shortfall. He pointed out that if every family who could apply for a reduction did so, then our estimate would drop down.

Trustees conversed at length about raising student fees. Trustee Núñez questioned whether revenue was the primary value and noted he has reservations. Trustee Olszewski-Kubilius pointed out that people seem to be paying more than they should, and we do not know how the increases will be viewed or how they will affect families statewide. Trustee Budzik emphasized the importance of communications, marketing and packaging saying we need to let everyone know they can apply for waivers. Trustee McEachern cited lack of evidence that students do not come here because of the fees and would like the impact investigated. Trustee Juby noted if the state sees this as staying within our mission and if they will see these as minimum fees, then we should go ahead on a trial basis.

Other funding and revenue options were discussed by the Board, including increasing fees for external programs by 50%. Michelle Kolar reported that Professional Field Services is currently evaluating external programs, costs, revenue and the potential for creating more programs next year and will have a clearer picture in the next few months.

Anthony Marquez suggested adding an easily accessible calculator on our website that would provide a relatively accurate estimate of how much a family could expect to contribute financially if their student were to attend IMSA. Trustee McEachern agreed with the suggestion and recommended messaging it to students and parents in our materials.

Ms. Veal reported receiving counsel regarding tuition noting the drumbeat of charging tuition has gotten louder again and this needs to be communicated, messaged and packaged correctly. Dr. Purva DeVol reported that the general consensus of legislators is fees are appropriate, though the Vice Chair of the Senate Appropriations Committee has asked us in recent years why we don't charge tuition, since we have many students who could afford to pay it.

Chairman Griffin commented that in her 27 years of voting, she has voted "no" to student fees because she simply does not believe in them; however, this time she thinks it is important to vote "yes" for multiple reasons and it is time to fulfill what the Board approved six years ago.

Ms. Veal pointed out that we need to make a decision on the fees; the Board approves the student fees structure, not the amounts, and our intent is to reach a 25% funding objective. Trustee Rosner emphasized the need to message what the consequences will be if we do not raise the fees.

A motion was made by Trustee McEachern and seconded by Trustee Roche to approve the student fees structure as presented. Voting aye were Trustees Griffin, Budzik, Juby, McEachern, Roche and Rosner. Opposed were Trustees Olszewski-Kubilius and Núñez. The motion passed by a vote of 6 ayes to 2 nays.

Proposed Revisions to FY14 Faculty Compensation Ranges

Ms. Veal observed that in July the Board approved the FY14 compensation ranges, which reflected a 0.9% increase over FY13 (based upon the 0.9% increase in the Consumer Price Index (CPI-U)). Ms. Mary Spreitzer said when the original compensation study was performed in 2009 faculty salaries were identified as lagging 15-18% behind their peers and they are still lagging by 10% today; therefore we are now recommending a revision to the faculty ranges which will result in

an average increase of around 8.3% or about \$6,000 bringing the average salary up from \$68,000 to \$75,000. Dr. Purva DeVol remarked that legislators have also indicated they want IMSA's faculty salaries to be consistent with their peers.

A motion was made by Trustee Núñez and seconded by Trustee Roche to approve the proposed revisions to the FY14 faculty compensation ranges as presented. Voting aye were Trustees Griffin, Budzik, Juby, McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 8 ayes to 0 nays.

Featured Agenda Item

Future of Education for STEM Talented Adolescents

Mr. Christopher Kolar briefly reviewed the American Psychological Association (APA)/National Science Foundation/NSF study involving 25 schools with the overarching research question: "What is the impact of participation in a selective science, mathematics, and technology (SMT) schools or Talent Search (TS) programs on completion of an undergraduate STEM major or concentration?" He discussed IMSA's significant role in the study noting Trustee Olszewski-Kubilius and he served on the Research Committee; the study covered graduates from the classes of 2004-2007 and the response rate was around 30%. An Executive Summary was distributed at the meeting.

Trustee He rejoined the meeting at 11:30 a.m. via teleconference.

Mr. Kolar presented results for IMSA participants including: 59.60% and 53% females having STEM Degrees vs. 51.7% and 46% females for other STEM Study Residential; 90% of IMSA graduates having a parent who attained a college degree and 67.9% of IMSA graduates having a parent who works in a field that required STEM expertise. He spoke of IMSA students' intensification or suppression of interest while here as it relates to faculty reinforcement and selection of their major in the sophomore year. He noted about 15% of students permanently lose interest in STEM during their time at IMSA calling them "sad fish," and commented he should trademark that name. Christopher Kolar reviewed factors not affecting intensification at IMSA that were significant at other STEM Schools, spoke of possible policy implications and suggested areas for exploration such as Research and Inquiry, Admissions, hiring, development, evaluation of faculty and personalized learning.

The Board discussed the study results in further detail including research projects, why and how Student Inquiry and Research (SIR) is different, data related to talent development, scalability, costs, results for chosen research projects, and the possibility of additional NSF funding. Trustee Rosner spoke to concerns regarding controls and students who do not have access to any STEM programs. Trustee McEachern wondered if 59.6% is success or failure for STEM Degrees noting our goal is not 100%. Trustee Olszewski-Kubilius pointed out the national statistic is 22.6%. Trustee Roche asked if there was a ceiling. Mr. Kolar said we are working with the College Board to get comparative data and funding is a question.

Chairman Griffin commented that this was a great conversation and it will be continued at our November meeting.

Information & Discussion Items

IMSA's Invited Class of 2016

Due to a lack of time, this item was postponed until the November meeting.

Preview of November 22, 2013 Board Meeting

Ms. Veal reported that the Featured Agenda Item for November will be the Capital Projects Public-Private Partnership and Preview of Master Planning. She said the IMSA Invited Class of 2016 tabled today will also be presented along with the Continuation of the STEM Study Conversation.

Trustee Rydland left the meeting at 12:00 p.m.

Presidential Search Update

Ms. Mary Spreitzer briefly reviewed the Presidential Search Update hand out document which included identifying the most important strategic needs and priorities for IMSA, near- and longer-term, and receiving feedback regarding qualities and qualifications from various groups. She distributed the draft Presidential Profile press release and congratulated Chris Kaucnik along with her Marketing and Communications team for developing the piece, which will be finalized by November. She said the next steps will be to take the position piece and place advertisements in various places, networking through professional organizations and tapping into personal networks to develop a strong candidate pool by December 15. She mentioned that a Presidential Search website will be established and ongoing search information will be posted. She pointed out that the following decisions need to be made for the next cycle:

- Who will be involved in applicant screening?
- Who will be involved in the initial interviews (interview committee membership)?
- Who will review the interview committee's proposed slate and select the finalists? When? How?
- Who will interview the finalists? When? How?
- How will out-of-area applicants be handled?

Ms. Spreitzer said she heard today that faculty would also like to participate and in addition to the call for applications she will send guidelines to Trustees.

Adjournment

A motion was made by Trustee Núñez and seconded by Trustee Roche to adjourn the meeting. Voting aye were Trustees Griffin, Budzik, Juby, McEachern, Núñez, Olszewski-Kubilius, Roche and Rosner. The motion passed by a vote of 8 ayes to 0 nays.

The meeting adjourned at 12:12 PM

Respectfully submitted,

Sheila MB Griffin
Chairman

Britta W. McKenna
Secretary Pro Tem