

Illinois Mathematics and Science Academy®

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

IMSA Board of Trustees Regular Meeting

March 19, 2008

8:30 a.m. – 12:00 noon

Horwitz Conference Room, IMSA

Approved Minutes

Call to Order

The meeting was called to order by Chairman Luis Nuñez at 8:35 a.m.

Roll Call

Secretary Cathy Veal called the roll.

Members Present: Luis Nuñez, Steven Isoye, Sam Dyson, Paula Olszewski-Kubilius

Members Absent: Carol Bernstein, Sheila MB Griffin, Mary Kalantzis, Jack McEachern, Jacklyn Naughton, Erin Roche, Marsha Rosner, Judy Erwin, Christopher Koch, Geoffrey Obrzut, James Rydland

Chairman Nuñez announced that due to a lack of a quorum, the Board would go into closed session as a Committee of the Whole.

Closed Session Held

Open Session

The Board reconvened in open session at 9:45 a.m.

Roll Call

Ms. Veal called the roll again; a quorum was present.

Members Present: Luis Nuñez, Steven Isoye, Samuel Dyson, Sheila MB Griffin, Paula Olszewski-Kubilius, Erin Roche and James Rydland

Members Absent: Carol Bernstein, Mary Kalantzis, Jack McEachern, Jacklyn Naughton, Marsha Rosner, Judy Erwin, Christopher Koch and Geoffrey Obrzut

Representatives and Liaisons Present: Brian Durham for Geoffrey Obrzut, Joyce Krumtinger for Christopher Koch, Andrea Croll for IMSA Alumni Association, Chelsy Hopper for IMSA Fund, Jonathan Koch for IMSA Student Council, and Josie Wallmuth for IMSA Faculty

Representatives and Liaisons Absent: Debbie Meisner-Bertauski for Judy Erwin, Tim Koch for IMSA Parents Association

Chairman's Remarks

Chairman Nuñez welcomed everyone to the meeting and congratulated members of the IMSA community on their accomplishments and contributions, referencing the Trailblazers Report. He commented on plans for the April 30 IMSAloquium, IMSA's influence on the start-up of the School of Science and Technology in Singapore, and the status of Trustees' support for the IMSA Fund's FY08 Annual Giving Campaign.

Trustee Comments

Sam Dyson acknowledged IMSA's participation in the Golden Apple film project. He thanked Dr. McLaren and other IMSA staff and praised IMSA students. He reviewed the Golden Apple Award for Excellence in Teaching, given to ten classroom educators in the Illinois counties of Cook, DuPage, Kane, Lake and Will. Trustee Dyson was one of the recipients. He briefly discussed his semester sabbatical at Northwestern University, his examination of the new 3 Rs – Rigor, Relevance and Relationships, and the Gates' Foundation initiative, *Rethinking Schools*.

Trustee Isoye reviewed his attendance at a recent conference in St. Charles saying he was impressed with IMSA students who did a nice job representing the Academy.

Liaison Reports

Jonathan Koch noted upcoming events, including the Lunar New Year, the Senior Auction to raise money for the prom and the arrival of college letters. He said several students are participating in a trip to the Korea Science Academy with Deb McGrath. He highlighted the success of Sodexo's "grab-and-go" initiative, which added 180 students to those eating breakfast in the morning, effectively doubling the students who do so.

Josie Wallmuth reported on development of the 2008-09 master schedule, continuing work on identifying key institutional assessments, and strategic plan implementation, accountability levels and engagement. Trustee Rydland suggested establishing a faculty dialogue process.

Ande Croll noted the success of IMSA's Alumni Association's regional event in Seattle attended by Dr. McGee and 25 alumni. She noted upcoming IAA activities including the May New York City event, Alumni weekend June 21- 22 and reunion planning for 1993, 1998 and 2003 graduates.

Chelsy Hopper summarized the IMSA Fund for Advancement of Education's February meeting and dynamic retreat with consultant Lisa Dietlin. Noting this year's target of \$1.3M, she spoke of a \$100,000 anonymous foundation pledge that is contingent on raising an equal amount from renewed alumni giving. Ms. Hopper

discussed adding new Fund Board members and invited IMSA Board of Trustees members to attend the Inaugural Appreciation and Recognition Luncheon on May 21, 2008.

Closed Session Minutes

A motion was made by Trustee Roche and seconded by Trustee Griffin to approve the closed session minutes from the January 18, 2008 Regular Board of Trustees meeting as presented. Voting aye were Trustees Nuñez, Isoye, Dyson, Griffin, Olszewski-Kubilius, and Roche. The motion was passed by a vote of 6 ayes, 0 nays.

Report of the Treasurer

Patrick Furlong reviewed the financial and investment data reports, current spending levels, encumbrances and reallocations. He detailed the status of IMSA's transfer requests to Illinois Board of Higher Education (IBHE) which will be addressed at its April 1 meeting. He also noted challenges with Illinois Virtual High School (IVHS) payments funded through an intergovernmental agreement between the Illinois State Board of Education (ISBE) and IMSA. He reported on efforts to obtain the \$220,000 grant from the Department of Commerce and Economic Opportunity approved in the FY08 budget, the higher re-bid of the fire alarm system and the need for new telecommunications equipment.

Report of the President

A. Reflections and Observations

Dr. McGee briefly reviewed the March 13 Higher Education Appropriations Committee meeting in Springfield. He thanked Ms. Veal and Dr. Purva Rushi for developing the well-received handouts which outlined IMSA's testimony and gave members an overview of IMSA programs and clients served in their legislative districts. Legislators commended IMSA on its excellent work with residential students, IMSA Excellence 2000+ (E2K+), IMSA Kids Institute® (KI) summer camps and desire to provide more statewide services. Dr. McGee said he noted that IMSA is ready to expand IMSA's signature programs if more funding is obtained.

Dr. McGee reported on Strategic Plan progress, noting that staff are on schedule to complete most of the action plans targeted for FY 08, and the President's Management Council (PMC) has recommended priorities for FY 09 that will be finalized and reviewed with the full Board in May, along with budget proposals. He commented on accomplishments, projects, measuring the three objectives in the strategic plan, and analyzing what it means to be a teaching and learning laboratory for imagination and inquiry while meeting our legislative charge in Illinois and becoming an international partner. He also announced that Dr. Rena Subotnik and Dr. Ed Crowe, both well established in the field of education, have agreed to participate in the Board's Retreat on May 17. He also discussed Community Learning Day, new leadership teams, the

February Fund Board meeting, recognized staff presentations, spoke of meetings in DuPage County and at Southern Illinois University, and thanked Jonathan Koch for working with Sodexo on the "grab and go" initiative.

B. ACTION ITEMS

1. Consent Agenda

Dr. McGee recommended approval of the Consent Agenda as presented in the advance materials. A motion was made by Trustee Roche and seconded by Trustee Griffin to approve the Consent Agenda as presented. Voting aye were Trustees Nuñez, Isoye, Dyson, Griffin, Olszewski-Kubilius and Roche. The motion passed by a vote of 6 ayes, 0 nays.

Items approved were:

Minutes

Regular Board meeting, January 18, 2008

Personnel Items

Resignations

Molly Breslin

Brian S. Sea

Change of Status and Adjustments

Evelyn Ho-Wisniewski from Research Specialist to Research and Evaluation Associate

Tracy C. Miller from Kids Institute (KI) Program Assistant to KI Specialist

Sandra Ruksakiati from Secretary, Student Inquiry and Research/TALENT to Administrative Assistant for the Chief Information Officer

Diane M. Stegmeyer from College and Academic Counselor to Registrar

Jennifer M Spuehler, Director of Development

New Staff

Kate Boatwright, Secretary for Student Inquiry and Research

Amanda L Lee, Excellence 2000+ Curriculum Unit Materials Clerk

Part-time Hourly Staff

Other Personnel – part-time hourly employees, hired within the budgetary allocations for part-time, temporary services

Admissions

Sharon K. McMurray, Temporary Part-time Secretary

2008 SAT Reasoning Test Administration

Tricia Anderson, Henry Cardwell, Phyllis Chesnut, Sonia Fischer, Heidi Georgaklis, Margaret Issac, Maureen Jancila, Diane Janowiak, James Kearney, Tricia Kujawa, Tammy Larson, Judith McQuilkin, Dwayne Musick, Victoria Roush, Becky Wayland, Rebecca Will, Sherry Winkle

Test Proctors

Quintin Backstrom, Curtis Boyd, Jill Christy, Amy Conyers, Stephanie Cummings, Mei-Hua Demus, Corey Dorsey, Amanda Douaire, Kazi Joshua, Lynesha Kately, Richard Kolf, Andrea Lang, Cindy Lyles, Maria Vargas, Matt Yusko

Athletic/Co-Curricular

Girls Bowling Tournament – January 12, 2008

Brenda Bazan, Dianne J. David, Karen Gholson, William Hirst

Athletic Coaches Stipends

*Kevin Choate, Assistant Coach – Softball
Jennifer Cliff, Head Coach – Boys Volleyball
Simuel Garrett, Assistant Coach – Boys Volleyball
Tammy Larson, Assistant Coach – Girls Bowling
Daidra Marano, Assistant Coach – Boys Swimming/Diving
Jeffrey Wang, Assistant Coach – Boys Volleyball*

Co-Curricular/Sponsor Stipends

*Lynesha Kately, Sponsor – Drama Club
Robert Kleiber, Sponsor – Robotics*

Business Office

Joanne Vitek, Temporary Accounting Clerk

Excellence 2000+

William Fraccaro, Write Problem of the Month (9) and International Riddle (1), correct submitted answers and prepare analyses

The following off-site staff will attend professional development session on unit to be field tested, field test new unit Patterns around Us and provide feedback for evaluation and modification of the unit:

Pamela Alexander, Levita Anderson, Sarah Castanada, Ed Caster, Gloria Dorsey, Lyn Ellis, Patricia Forrer, Lisa Griffiths, Joy Haddock, Rachel Jachino, Rebecca Jarolin, Christie Jones, Michael Jones, Marchelle Kassebaum, Jennifer

Kaufman (Sneed), Janet Kocis, Angie Meneghetti, Rachel Newcomb, Carolyn Olson, Barbara Peterson, Betsy Prunckle, Peter Redden, Stefanie Roth, Vicki Saxton, Keira Scheldt, Mary Schmidt, Anne Sears, Julie Sitter, Amy Winter

The following off-site staff will attend professional development session on unit to be field tested, field test new unit Round and Round and provide feedback for evaluation and modification of the unit:

Joy Haddock, Marchelle Kassebaum, Jennifer Kaufman (Sneed), Rachel Newcomb, Carolyn Olson, Vicki Saxton, Mary Schmidt

The following off-site staff will attend professional development session on unit to be field tested, field test new unit E2K+ Works and provide feedback for evaluation and modification of the unit:

Pamela Alexander, Ed Caster, Gloria Dorsey, Ruth Esparza, Jennifer Jacobs, Rachel Limdbloom, Elizabeth Prunckle, Stefanie Roth, Julie Sitter

External Educational Programs

Sujala B. Mehta, Temporary Part-time Secretary

Information Resource Center (IRC)

*Naomi R. Morphis, Temporary Library Student Worker
Colleen Riley, IRC Circulation Assistant/Evening Study*

ITS

Mary Seegers, Temporary IT Helpdesk Specialist

Kids Institute (KI)

*Michelle E. Kolar, Coordinator of Kids Institute, Green Team Leadership
Tracy C. Miller, Kids Institute Specialist, additional responsibilities – New Kids Institute Programs in Carbondale and Northeast Lake County summer of 2008; New partnership with the Illinois State Science Museum, Science Around Illinois and presenter at 2 major conferences spring of 2008, the Southern Illinois Raising Student Achievement Conference and the Illinois Association of School Superintendents Annual Conference*

Principal's Office

Barbara J. Taylor, Curriculum Consultant

Student Life – Residential Program

RC Office Coverage as needed: December 1, 2007 through February 29, 2008:

Taryn A.J. Bell, Curtis M Boyd, Lynesha Kately, Siobhan Linton, Sarah Thevenin

Snow Day RC Office Coverage – February 1, 2008:

Taryn A.J. Bell, Sarah Blosser, Lauren Lutz, Patrick Polk, Christopher Schreiber, Sarah Thevenin, Jean-Paul Viray

Alternative Work Schedule Policy GAWS

This policy was reviewed by the Board in January. No changes were made since then.

Alumni Staff and Emeriti Policy BAS

This policy was reviewed by the Board in January. Since then, one minor wording change was made from “will” to “may,” as noted.

IMSA Learning Opportunities/Courses for 2008-2009

Math Program – Three new math/computer science electives:

- *Polyhedra and Geodesics: a course in three dimensional geometry*
- *Statistical Exploration and Description and Statistical Experimentation and Inference: 2 semester sequence*
- *Web Technology: an introductory course into the key technology utilized on the World Wide Web*

Data Analysis will not be offered.

Science Program – The change in *Physics: Applied Mechanics* builds on what students learn in SI-Physics.

- *Calculus-Based Physics – Electricity and Magnetism to Physics: Calculus – Based Electricity and Magnetism*
- *Calculus – Based Physics – Mechanics to Physics: Calculus-Based Mechanics*
- *Advanced Physics – Waves and Fields to Physics: Light and Sound*
- *Advanced Physics I: Motion and Forces to Physics: Applied Mechanics*

English Program - Required courses will be changed from two year-long courses, Literary Explorations I and Literary Explorations II, to a three semester required sequence. The curriculum for the two semesters will remain as it is for Literary Explorations I, and the curriculum of required first semester of the junior year will focus on "major works of British literature from the Middle Ages through the early nineteenth century ..." The change will allow students more choices of English courses in the three semesters of electives. New English electives are:

- Graphic Novels: Image and Text
- 20th Century Poetry: replaces Modern American Poetry
- Creative Writing Workshop

- Romantic Poetry and Prose
- Modern Theater

History/Social Science Program – new Senior Elective titled Topics in American Multiculturalism. The course will be concerned with the historical differences between race and ethnicity as factors in assimilation and discrimination, as well as how issues of gender and class intersect these.

Wellness Program - Wellness Courses will no longer be pass/fail, but rather graded on the A, B, C, or D scale. The curriculum changes over the last several years suggest grading would be beneficial. An additional Wellness Elective titled Movement and Relaxation is being added.

Fine Arts Program – The course scheduling pattern for Advanced Ceramics will be four 45-minute sessions instead of two 95 minute sessions.

Policy Revisions and Rescission

Modifications were made to Policy BLAA – Freedom of Information. Policy KB-Admissions ICA (International Career Academy) was rescinded because the program no longer exists.

2. FY09 Board Meeting Calendar

The proposed FY09 Board Meeting calendar was reviewed by the Executive Committee in February. Since Voting Trustees were informed and did not identify any conflicts, Dr. McGee recommended approval of the FY09 Board and Executive Committee meeting dates as presented. Trustees proposed extending the May meeting/retreat date to include the day before as a placeholder, thereby making the meeting dates Friday, May 15 and Saturday, May 16, 2009. Trustee Dyson suggested looking into a downtown Chicago venue for Friday, May 15, 2009. A motion was made by Trustee Isoye and seconded by Trustee Griffin to approve the FY09 Board Meeting dates with the addition of Friday, May 15, 2009. Voting aye were Trustees Nuñez, Isoye, Dyson, Griffin, Olszewski-Kubilius and Roche. The motion passed by a vote of 6 ayes, 0 nays.

The FY09 meeting dates are: July 23, 2008, September 17, 2008, November 19, 2008, January 21, 2009, March 18, 2009, May 15 and 16, 2009.

C. INFORMATION AND DISCUSSION ITEMS

1. Admissions Excellence 2000+ Policy KA – First Reading

Kristin Ciesemier, Vice President of External Educational Programs, discussed proposed revisions to the Admissions Policy for IMSA's signature outreach program, Excellence 2000+ (E2K+). These revisions relate to the admission of students in the 4th and 5th grades, the review process for students, selection of schools and

combining schools into a consortium for the purpose of participating in IMSA E2K+. No discussion occurred. This policy will be placed on the May Consent agenda for second reading and approval.

2. Going Green at IMSA

Michelle Kolar, Coordinator of Kids Institute (KI) commented on the progress made this year by the Green Team, including a logo with support from administration and Trustee Dyson. She noted that this is the third year of the Team at IMSA, which is working with the student club *The Lorax* to tackle energy and water conservation, recycling, student and staff awareness, and promote green practices within IMSA. She spoke of planning to make IMSA a more environmentally friendly institution, noting there were no bottles of water at the Board meeting and the paper is recycled. She discussed working on a grant for a solar powered laptop system, a sustainability plan with the Lt. Governor's office, creating an IMSA Energy Center and new programmatic prototypes.

Trustee Dyson congratulated Ms. Kolar on doing a fantastic job with the Team, in addition to her other duties. He suggested establishing IMSA as a green campus, and placing students' green designs in places visible upon entering the front door. Dr. McGee said the Board will be updated on green initiatives on a regular basis.

3. Multicultural Development (MCD) Plan

Dr. McGee pointed out the greatest concern at the recent House Appropriations Committee meeting was diversity and what is being done at IMSA to address the issue. He shared his goal of having a more diverse staff next year and mentioned work being done with Golden Apple for increasing diverse faculty.

Roger Spayer discussed undertaking a review of the MCD Plan during the last six months, and said the plan will be updated and will serve as a companion piece to the Strategic Plan, Strategy 1, Action Plan 1 ("Create and sustain a diverse environment that values individual differences and uses these to enrich the community and improve performance, service, and interpersonal relations."). Kazi Joshua then spoke of contact with stakeholders, and the importance of access, climate, environment, education, scholarship, institutional viability, mentoring and leadership in recruitment and retention of diverse staff. The Board discussed reaching diversity goals by creative means, referrals, partnering with other organizations, and IMSA hosting a job fair, among other methods.

D. PRESENTATION: OUTREACH PROGRAMS

Ms. Ciesemier focused the presentation on IMSA's second legislative charge to serve as a "catalyst and laboratory for the advancement of teaching" and to "stimulate further excellence for all Illinois schools in mathematics and science." She reviewed Student Pathway and Teacher Pathway offerings and called attention to issues related to the evaluation framework, reaching underrepresented

populations, program implementation, and connections to the strategic plan. The Board was asked to engage in several critical inquiry questions, including:

- What measures and deliverables are needed to determine the impact of external programs on teaching and learning?
- To what extent do we balance all our student pathways for gifted/talented vs. all students?
- In our teacher pathways, to what extent do we focus on beginning teachers vs. established teachers?
- How do we balance awareness vs. institutionalization?
- What is the role of outreach for “the world’s leading teaching and learning laboratory for imagination and inquiry?”
- What is the optimal model for delivering external offerings across such a large geographical area?

Trustees discussed the need for clarity of vision, coherence and connectiveness in outreach programs, balancing the portfolio between “depth” and “awareness” programs, focusing the scope of programs, providing data and expanding teacher capacity-building programs to impact more students. Chairman Nuñez said the Executive Committee will address this in more detail and bring questions back to the full Board at the May retreat.

Adjournment

The Chairman thanked everyone for coming and reminded Trustees of the next full-day meeting and retreat on Saturday, May 17 at IMSA.

A motion was made by Trustee Isoye and seconded by Trustee Dyson to adjourn the meeting. Voting aye were Trustees Nuñez, Isoye, Dyson, Griffin, Olszewski-Kubilius and Roche. The motion passed by a vote of 6 ayes, 0 nays.

The meeting was adjourned at 12:20 p.m.

Respectfully submitted,

Luis Nuñez, Ph.D.
Chairman

Catherine C. Veal
Secretary