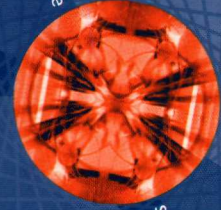


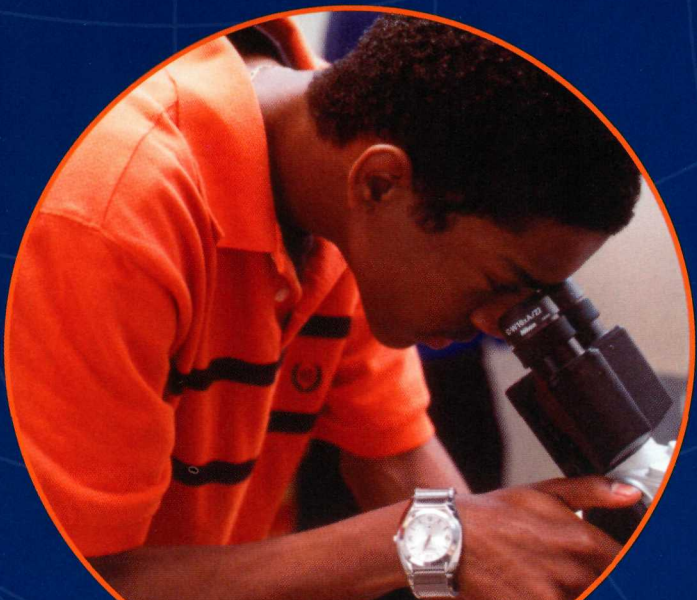
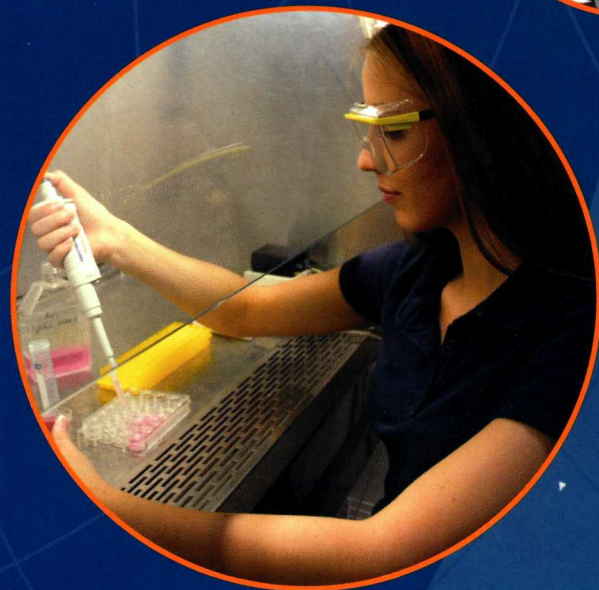
Illinois Mathematics and Science Academy®
Annual Report – Academic Year 2005

within the kaleidoscope




science enables the art to dance

IGNITING TALENT AND LEADERSHIP FOR OUR STATE, NATION AND WORLD



 **IMSA**®



The Illinois Mathematics and Science Academy® is an internationally recognized pioneering educational institution created by the state of Illinois to develop talent and leadership in mathematics, science and technology. IMSA's advanced residential college preparatory program enrolls 650 academically talented Illinois students in grades 10-12. Nearly 19,000 teachers and 43,000 students in Illinois and beyond have benefited from IMSA's professional development and student enrichment programs. Located in Aurora, in the high-tech corridor west of Chicago, IMSA serves the people of Illinois through innovative instructional programs, public and private partnerships, policy counsel, action research, and the leadership and achievements of its graduates.

DEVELOP TALENT AND LEADERSHIP

IGNITING TALENT AND LEADERSHIP FOR OUR STATE, NATION AND WORLD

Dear IMSA® Shareholders,

In the mid 1980s, the state of Illinois, recognizing that the nation was on the verge of unprecedented technological advances and a sharply increased need for highly skilled leaders, founded the Illinois Mathematics and Science Academy®. Twenty years later, the national demand for science and technology leaders has never been greater. The National Academies new report – *Rising Above the Gathering Storm* and the President's *American Competitiveness Initiative* address the growing concern that the U.S. is losing its competitive advantage as countries abroad invest heavily in the education and training of scientists and engineers. The report and the initiative call for increased commitments in scientific research and in mathematics and science education programs.

Our nation is on high alert to the critical need for highly trained scientists, engineers and teachers whose innovations and inventions ensure our economic prosperity, quality of life and national security. IMSA is fulfilling this important national agenda through our highly accomplished graduates who are now forging new frontiers in science, technology and education at our state's and our nation's universities, school systems, corporations, national laboratories, professional associations and government agencies.

IMSA is well-poised to produce the world's best future scientists and engineers. Our rigorous academic programs continue to receive national and international recognition. IMSA's Student Inquiry Program was one of only 15 science education models in the nation to be featured in the National Science Teachers Association book, *Exemplary Science in Grades 9-12*. IMSA was the only educational institution in the nation to produce two of the top 10 scholarship winners of the prestigious 2005 Intel Science Talent Search Competition. The College Board Advanced Placement Program (AP) recognized IMSA as having the strongest results in the world among like-size schools for AP Physics C: Mechanics and for AP Physics C: Electricity and Magnetism.

Through our statewide programs, we are preparing well-qualified teachers in math, science and technology and ensuring that young students, especially the historically underrepresented, have opportunities to excel in math and science. Advanced technologies and communications have enabled IMSA to expand the boundaries of space and time and provide Illinois students and teachers with increased equity and access to quality educational opportunities. Through online courses, Webinars, teleconferences, Web-based tutorials and other digital resources, we are expanding our reach to schools throughout Illinois. Our innovative online programs received awards and recognition in national trade publications.

The 21st century is synonymous with worldwide instant communications, a global economy and evolving political powers. We are citizens of an increasingly interconnected world, one that calls for understanding the complex challenges and opportunities that interdependent societies bring. That's why IMSA is expanding its national and international reach. We have partnered in a student exchange program with the Korea Science Academy (KSA) in Busan, South Korea. Through exchange programs, virtual learning venues, student international competitions and through hosting international delegations on campus, IMSA can incorporate the best educational practices from around the world.

With your continued support, IMSA will serve Illinois, our nation and the world by producing leaders who are at the forefront of scientific innovations for the 21st century.



Luis Nuñez, Ph.D.
Chairman



Stephanie Pace Marshall, Ph.D.
President





MATHEMATICS, SCIENCE AND TECHNOLOGY FOR THE 21ST CENTURY: TEACHING AND LEARNING BY DESIGN

Society has great expectations of its scientific and technical leaders who improve the quality of our lives through groundbreaking discoveries, life-changing inventions and bold policies that shape the 21st century. That's why IMSA is committed to providing students with every possible opportunity to develop their talent in mathematics and science so that they may make contributions that will change the world.

An education at IMSA offers far more than conventional advanced placement or honors courses. We foster a collaborative learning environment that develops students as bold inquirers, innovative problem solvers and integrative thinkers. IMSA students are engaged in rich opportunities to work with prominent scholars, explore questions of their own, champion their ideas for product development and make significant leadership contributions. Student learning goes well beyond the classroom and extends to world-class mentorship opportunities with scientists, scholars and entrepreneurs at laboratories, universities, museums, hospitals and companies throughout the Chicago metropolitan area and beyond.

A DESIGN PUT INTO PRACTICE

SCIENCE, SOCIETY AND THE FUTURE

The Science, Society and the Future course (SSF) is just one example where IMSA's talented faculty members guide students to engage in inquiry, think critically and creatively, and apply their cross-discipline knowledge to address significant real-world issues. In this class, students bring all they have learned of science, analysis and ethics to address a current societal problem.

As one example, SSF students conducted research and analysis on the use of sustainable energy sources for Illinois. They learned how to support their ideas with evidence and present their conclusions with power and clarity before a distinguished panel which included IMSA Resident Scholar and Nobel Laureate Dr. Leon Lederman and experts from the Illinois Lieutenant Governor's Office, a community-based conservation group and the media.



TOTAL APPLIED LEARNING FOR ENTREPRENEURS

While IMSA's accomplished alumni have conceived, designed and developed products that have changed our lives, we believe our young students at IMSA can, too. That's why we launched Total Applied Learning for Entrepreneurs (TALENT), the program that provides on-campus, off-campus and virtual learning experiences and resources to encourage, stimulate and champion entrepreneurial applied science and technology projects.

Students in the new program already are recognized for their energy and remarkable perspectives. Here is business reporter Ron May's reaction to TALENT students who participated in a meeting hosted by the Illinois Technology Development Alliance (ITDA), "This...was without a doubt the most entertaining and inspiring meeting I've seen in the tech world all year. Students from the Illinois Math and Science Academy hijacked the ARCH/ITDA meeting with keen insights and refreshing honesty while the rest of us sat in awe of what we were witnessing."

Student Inquiry at IMSA® is one of only 15 science education models in the nation to be featured in the National Science Teachers Association book, *Exemplary Science in Grades 9-12*. The book introduction states...“each [model] has had a clear, positive impact on student science learning.”

IMSA® is the only institution in the nation to produce two of the top 10 scholarship winners of the prestigious 2005 Intel Science Talent Search Competition.

BOLD INQUIRERS PROBLEM SOLVERS INTEGRATIVE THINKERS

A DESIGN PUT INTO PRACTICE

MATHEMATICAL INVESTIGATIONS

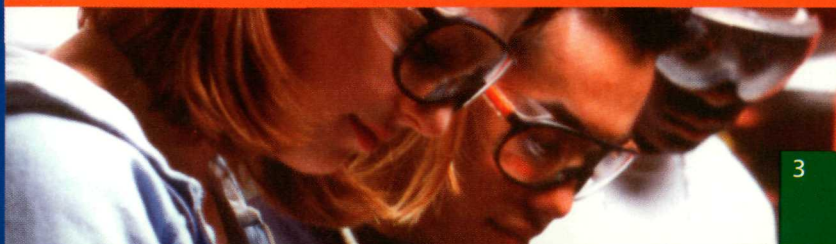
Mathematical Investigations (MI) is IMSA's core math program that integrates topics from all areas of pre-calculus mathematics including algebra, geometry and trigonometry. MI enables students to explore mathematical concepts, make conjectures, present logical, valid arguments for their assertions and apply problem-solving techniques to new situations – all skills that have lifelong applications. IMSA faculty members serve as coaches who encourage student interaction and dialogue.

MI has applications for secondary school systems. Following an extensive search, St. Charles District 303 in Illinois selected IMSA's MI curriculum as the best-in-class program to prepare its students for the challenges of an advanced mathematics program.

STUDENT INQUIRY AND RESEARCH FOR ILLINOIS, THE NATION AND THE WORLD

IMSA's Student Inquiry and Research Program (SIR) at IMSA serves as a world-class model learning environment. It presents a framework for students to pursue their own compelling questions of interest, conduct research with prominent scientists and scholars, and create and invent products. Students also have many opportunities to share their work through presentations and publications and collaborate with other students, advisors, mentors, inventors, researchers and scholars throughout the world.

IMSA was the only institution in the nation to produce two of the top 10 scholarship winners of the prestigious 2005 Intel Science Talent Search Competition. Timothy Credo '05 and Lyra Creamer Haas '05 developed their award-winning projects through SIR.



IMSA® FACULTY – SECOND TO NONE

Distinguished faculty members represent the best minds from a wide range of institutions – universities, colleges, school systems, medical institutions, prominent government agencies, and science and technology corporations. All faculty members have advanced degrees with 42% holding doctorate degrees. Excellence doesn't stop with formal degrees. They publish articles in peer-reviewed journals, have leadership roles in professional organizations and deliver presentations at state, national and international professional forums. Nearly 23% of IMSA faculty members earned certification with the National Board of Professional Teaching Standards, the highest standard for excellence in the teaching profession.



STUDENT SCHOLARSHIP BRINGS NATIONAL RECOGNITION

Class of 2005

208 Total Number of Students in Class

- | | | | |
|----|-----------------------------------------------------------------------|----|------------------------------------------------|
| 10 | American Junior Academy of Science Presenters | 3 | National Achievement Finalists |
| 1 | American Psychiatric Association's Young Investigator Award Recipient | 44 | National Merit Finalists |
| 4 | Illinois Junior Academy of Science Best-in-Category Recipients | 65 | National Merit Letters of Commendation |
| 6 | Intel Science Talent Search Semifinalists | 4 | Siemens Westinghouse Regional Semifinalists |
| 3 | Intel Finalists Including Second and Sixth-Place Winners | 1 | Siemens Regional Finalist |
| | | 1 | Siemens Award Recipient for Advanced Placement |
| | | 1 | US Physics Team Member |
| | | 1 | Young Epidemiology Scholars Regional Finalist |

IGNITING TALENT AND LEADERSHIP IN MATHEMATICS, SCIENCE AND TECHNOLOGY

Universities and Colleges With the Largest IMSA® Graduate Enrollment for the Class of 2005

Case Western Reserve University
 Harvard University
 Illinois Institute of Technology
 Northwestern University
 St. Louis University
 Stanford University
 University of Chicago
 University of Illinois at Chicago
 University of Illinois at Urbana-Champaign
 University of Southern California
 University of Wisconsin at Madison
 Washington University

	IMSA Mean	National Mean for College-Bound Seniors
SAT I Scores Class of 2005		
Verbal	672	508
Math	721	520
SAT II Scores Class of 2005		
English Writing	687	605
Math Level II C	760	670
ACT Composite Score Class of 2005	30.3	20.9
Student Demographics	Male 50.2%	Female 49.8%
	White	44%
	Asian American	37%
	African American	7%
	Hispanic/Latino	5%
	Multi-racial	5%
	Not Reported	2%

MATHEMATICS, SCIENCE AND TECHNOLOGY FOR THE 21ST CENTURY:

"IVHS introduced its first courses in January 2001 and had 100 enrollments. That number quickly jumped to nearly 3,300 for the 2004-2005 school year."

eSchool News, December 10, 2005



DIGITAL LEARNING RESOURCES BRING... EQUITY AND ACCESS

21st century advanced technologies and communications have enabled IMSA to expand the boundaries of space and time and provide Illinois students and teachers with increased equity and access to quality educational opportunities. Through online courses, Webcasts, teleconferences, Web-based tutorials and other digital resources, we are expanding our reach to schools throughout Illinois. From Chicago to Carbondale, IMSA is at work delivering statewide professional development and enrichment programs to Illinois educators and students. Special emphasis is given to serving students who are underrepresented and underserved in mathematics and science. Programs are held at IMSA's Aurora campus, at locations throughout Illinois and online. More than 19,000 educators and 43,000 students have benefited from IMSA's statewide programs and services.

Illinois Virtual High School

Through its administration of the Illinois Virtual High School (IVHS) on behalf of the Illinois State Board of Education, the Academy delivers a wide range of quality online instruction to Illinois students. In the 2005 academic year, IVHS reported 3,248 enrollments in semester-length credit courses.

IMSA 21st Century Information Fluency Program

In the 2005 academic year, the IMSA 21st Century Information Fluency Program (21CIF) enrolled 499 educators from 250 schools throughout Illinois in online courses and workshops to learn the art of locating, evaluating and using Internet resources in the classroom. In addition, the program's Web site (<http://21cif.imsa.edu>) featured self-paced online tutorials, an extensive collection of lesson plans and news about educational online resources. Funding by a grant from the U.S. Department of Education – Funds for the Improvement of Education enabled the services to be delivered at no cost to Illinois educators.



IMSA Kids Institute®

IMSA Kids Institute hands-on enrichment programs are delivered by IMSA students to thousands of Illinois youth in grades 3-8. Weekend workshops, summer camps and a traveling science show for targeted Illinois schools are among the programs that get young students excited about learning math and science. In the 2005 academic year, 4,711 Illinois students benefited from IMSA Kids Institute programs. The IMSA Kids Institute DVD, "IMSA® on Wheels: States of Matter and Chemical Reactions," was distributed to 856 classrooms and 256 libraries statewide.



IMSA Excellence 2000+

IMSA Excellence 2000+ (E2K+) is an after-school enrichment program for Illinois middle school students who are talented and interested in mathematics and science. Special emphasis is given to serving students who are historically underrepresented and underserved in mathematics and science. The program includes a teacher professional development component for participating middle schools. Modeled after the Mitchell Excellence 2000 enrichment program in Israel for junior high school students, E2K+ served 719 students and 72 teachers from 34 schools in the 2005 academic year.



IMSA Problem-Based Learning Network

The IMSA Problem-Based Learning Network serves teachers as they learn to use Problem-Based Learning (PBL), a powerful educational model that organizes curriculum and instruction around carefully crafted situations adapted from real-world issues. Learners gather and apply knowledge from multiple disciplines in their quest for solutions. In FY 2005, PBL programs were delivered to 552 educators from Illinois and beyond.



IMSA Webcast, "Live Learners Roundtable Featuring High School Students From Across the U.S.," receives prestigious 2005 LOLA Award, given to only eight programs from across the globe for outstanding achievement in the design, delivery and production of live online learning events.



“Our world-class AP achievements are a tribute to the depth and quality of the IMSA® curriculum and to our dedicated and inspiring faculty members. Our students are presented with innovative and challenging learning experiences in all of their courses which enable them to achieve the highest results in the AP examinations.”



Dr. Eric McLaren
Principal and Vice President for Academic Programs

IMSA® Is Best in the World in AP Physics
The College Board Advanced Placement Program (AP) recognized IMSA® as having the strongest results in the world among like-size schools for AP Physics C: Mechanics and for AP Physics C: Electricity and Magnetism.

MATHEMATICS, SCIENCE AND TECHNOLOGY FOR THE 21ST CENTURY: BRINGS IMSA® INTO A LARGER WORLD...

The 21st century is synonymous with instant communications and a global society. We are citizens of an increasingly interconnected world, one that calls for understanding the complex challenges and the opportunities that interdependent societies bring. Today's leaders must be prepared to serve global customers, solve environmental issues and find cures for infectious diseases that have no state or country boundaries. Many countries around the world are making large investments in math, science, technology and engineering education and in research and development. That's why IMSA is expanding its national and international reach. Through participation in student exchange programs, national and international forums, virtual learning venues, and through hosting international delegations on campus, IMSA can incorporate best educational practices from around the world.

IMSA convened a world-class conference on technology's role in the future of learning. The conference brought together six internationally renowned futurists and experts on learning and cutting-edge technology with Illinois education leaders. A key focus included emerging technologies and dynamic learning environments in the global knowledge age.

In academic year 2005, IMSA hosted international educational delegations from Australia, China, Japan, Jordan, Korea, Netherlands, Philippines and Singapore.

In 2005, IMSA participated in a student exchange program with the Korea Science Academy (KSA) located in Busan, South Korea.

In cooperation with Youth Service International, IMSA Spanish teacher Jose Palos directed a service project in San Isidro, Mexico.

Rohan Bhobe '05 was part of the 19-member U.S. student delegation to the Asia Pacific Economic Cooperation (APEC) Youth Science Festival in Beijing, where Rohan earned first prize for a presentation on nanotechnology. Dr. Peggy Connolly, IMSA mentorship coordinator, also attended the event and received first prize for her paper on global science collaboration.

Sally Tan '06 joined young people from 85 nations in Morocco to form the World Academy of Young Scientists, a group that seeks to strengthen the voice of students and young researchers in science and science policy discussions at the global level.

Through special one-week learning opportunities called intersessions, several groups of students studied diverse tropical ecosystems in Central and South America, while world language students studied cultural practices in Russia and Spain.

Tim Credo '05 won a Silver Medal at the International Physics Olympiad in Spain. He was one of only five students in the nation selected to represent the United States.

Margot Seigle '05 organized 23 IMSA juniors and seniors along with IMSA faculty, staff and parents to build a home in Tijuana, Mexico for the Baldovinos-Martines family.

Quinn Burke-Anderson '06 and Sunshine Li '06 were two of only 20 students worldwide selected to take part in the International Summer Research Camp in Croatia.

Teachers from Singapore participated in problem-based learning workshops held on IMSA's campus.



IMSA Team
in Mexico



Korea Science Academy
Students at IMSA



IMSA Spanish Teacher
Jose Palos in Mexico

YEAR IN REVIEW SELECTED HIGHLIGHTS

IMSA® HIGHLIGHTS

Gifts and grants from the private sector to the IMSA Fund for Advancement of Education enhanced programs and extended IMSA's reach in Illinois. A \$35,000 grant from ComEd, an Exelon Company, supports IMSA Excellence 2000+, the Academy's after-school enrichment program for middle school students with professional development for their teachers. A \$25,000 grant from Underwriters Laboratories, Inc. supports IMSA Excellence 2000+ and \$10,000 from BP supports the IMSA Kids Institute. The IMSA Fund for Advancement of Education announced the establishment of its first named college scholarship, the Mary Van Verst Love of Science Scholarship. The scholarship program is dedicated to distinguished IMSA science teacher Mary Van Verst who died in 2004. The scholarship is made possible by a multi-year major gift from her family.

The U.S. Department of Education - Funds for the Advancement of Education awarded IMSA a \$497,050 grant to expand its 21st Century Information Fluency Program, an Internet skills program for Illinois schools.

IMSA, in cooperation with the IMSA Alumni Association, launched myIMSA, an enhanced alumni online directory. IMSA alumni and consultants Maciej Babinski '97 and Greg Dhuse '99 of Helix Systems provided talent and leadership in designing a system that enables alumni to easily update their online profiles and connect with each other. The directory enhances IMSA's ability to reconnect, reengage and support its alumni, a growing force in Illinois and beyond.

PROFESSIONAL CONTRIBUTIONS

IMSA President Dr. Stephanie Pace Marshall was named a Laureate of The Lincoln Academy of Illinois, the highest honor the state can bestow for outstanding achievement. Laureates include a U.S. president, several Cabinet members, retired governors and federal legislators, Nobel and Pulitzer Prize winners and leaders in all fields.

Dr. Leon Lederman, IMSA resident scholar, received an Outstanding Illinoisan Award for lifetime achievement from the Illinois State Society.

Coordinator of Student Inquiry Dr. Judith Scheppler, science teacher Dr. Donald Dosch, science teacher Dr. Susan Styer and former staff member Dr. Steven Rogg authored a manuscript on Student Inquiry at IMSA that became one of only 15 science education models in the nation to be featured in the National Science Teachers Association book, *Exemplary Science in Grades 9-12*.

English teacher Margaret Cain, French teacher Brenda Crosby, Science teacher Dr. Mark Horrell and Spanish teacher Jose Palos received certification with the National Board of Professional Teaching Standards, the highest standards for the teaching profession.

Mathematics teacher Dr. Donald Porzio received the national Edyth May Sliffe Award for Distinguished High School Mathematics Teaching by the American Association of America and the American Mathematics Competition.

Dr. Raymond Dagenais, IMSA professional development specialist, became President of the Illinois Science Teachers Association.

STUDENT ACHIEVEMENTS - NATIONAL

A research paper authored by Kevin Patel '05, David Qasem '05 and their Drexel University mentors on "The Effect of System Parameters on the Pre-transition Swelling of Charged Hydrogels" was published in the *Journal of Dispersion Science and Technology*.

Tim Credo '05 placed second in the prestigious 64th Intel Science Talent Search Competition. His research, "Time-of-Flight Measurement for Colliders Using Cherenkov Light," won him a \$75,000 scholarship. He is also one of only 24 students in the U.S. to receive a Siemens Award for Advanced Placement and one of only 20 students in the nation named to USA TODAY's All-USA High School Academic Team.

Karen Miller '05 ranked second in the nation in the National French Contest.

Rohan Bhoje '05 received his first patent for a device to clean model railroad tracks. He was a semifinalist in both the Intel Science Talent Search and Siemens Westinghouse Competition in Science, Mathematics and Technology.

The IMSA American Computer Science League Senior Team took fifth place nationally and sixth overall in the All-Star Competition. Team members were Samuel Cormier-Iijima '05, Cameron Knight '05, Daniel Moorehead '05, Puskar Naha '05 and Joseph Re '05.

Lyra Creamer Haas '05 won a \$25,000 scholarship in the 64th Intel Science Talent Search Competition for her research, "Using Textiles to Date Sites in the Norte Chico, Peru."

Amy Chen '06, Sam Lim '06, Samira Payne '07 and Yingia Wang '06 participated in the Keystone Center Policy Summit and helped author policy recommendations on childhood and adolescent nutrition in America.

IMSA[®] ALUMNI: IGNITING TALENT AND LEADERSHIP IN MATHEMATICS, SCIENCE AND TECHNOLOGY FOR OUR STATE, NATION AND WORLD

Scott Gaudi '91, Menzel Fellow in astronomy at the Harvard-Smithsonian Center for Astrophysics, contributed to the discovery of a new planet circling a distant star using gravitational lensing. He also measured the rotation period of the distant planetoid Sedna to be a typical 10 hours, unlike what previously had been thought.

Laura Nickerson '92, science teacher at the Illinois Mathematics and Science Academy, was awarded a full-year Fellowship at the Wright Center for Science Education at Tufts University. As a Wright Fellow, she is further developing her innovative approaches to science teaching and disseminating her expertise to other teachers.

Sam Yagan '95 was named a Siebal Scholar by Stanford University's Graduate School of Business. He is president of New York-based MetaMachine Inc. and owner of eDonkey, where the latest music and movies are available at no charge. Yagan also co-founded SparkNotes, now an educational Web site and publisher of study and test guides.

Gaorav Gupta '96, researcher at Memorial Sloan-Kettering Cancer Center, made international headlines in 2005 with a groundbreaking cancer gene discovery that identified a clinically relevant set of genes that can predict the spread of breast cancer to the lungs and how aggressive it will be. "This has tremendous importance in terms of managing patients," says the American Cancer Society.

Princess Imoukhuede '98 was one of only four college students in the nation selected as an NCAA Scholar Athlete and featured on national TV during the NCAA 2005 basketball championships. While an undergraduate student at the Massachusetts Institute of Technology, Princess served as captain of the track and field team. She went on to earn an undergraduate degree in chemical engineering from MIT and is currently pursuing her Ph.D. in bioengineering at the California Institute of Technology.

Abigail Moy '98 was awarded a Fulbright Scholarship to Chile to study sustainable urban transport reforms.

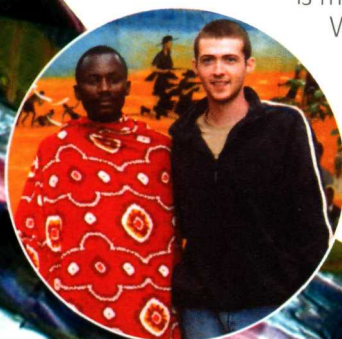
Clara Shih '00 received the Terman Engineering Scholastic Award at Stanford University for placing in the top 5% of engineering seniors. She also received the Marshall Scholarship from the British government for a two-year master's program in developmental economics at the University of Oxford.

Pooja Agarwal '01 was named a Truman scholar based on academic performance, leadership and dedication to public service. The scholarship provides \$30,000 toward her graduate education. She is majoring in elementary education and philosophy-neuroscience-psychology at Washington University. She plans to integrate psychology cognition studies with improvements in education policy.

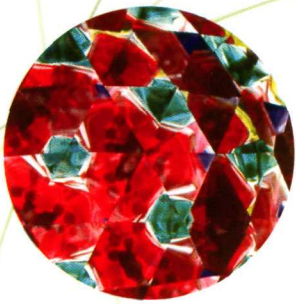
Matt Knisley '01 received a Fulbright Scholarship to conduct research on the agricultural practices of a group in central Tanzania that is transitioning from hunting and gathering to a farming lifestyle.



Princess Imoukhuede '98

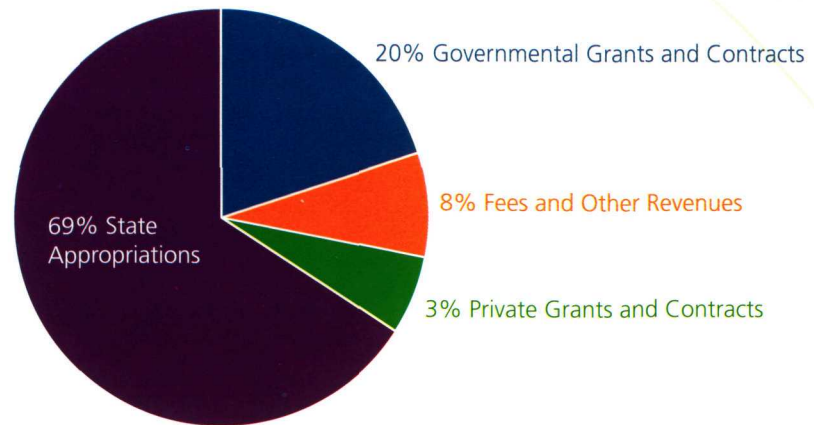


Matt Knisley '01



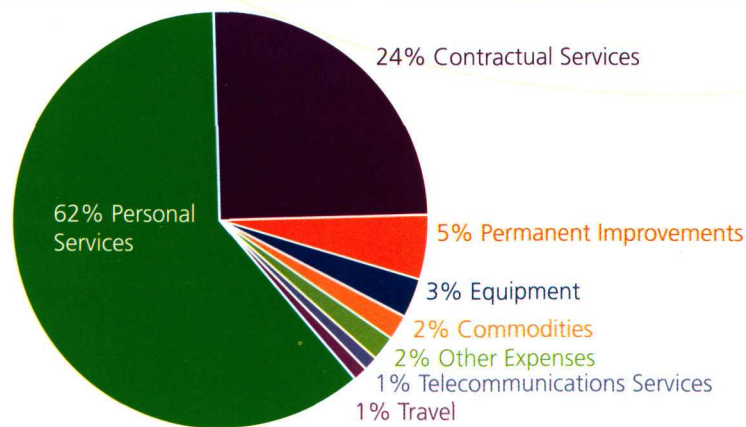
FINANCIAL SUMMARY FISCAL YEAR 2005

SOURCES OF OPERATING RESOURCES



Total Operating Resources \$22,742,392

EXPENDITURES



To support and expand the Academy's innovative teaching, research and external service programs/initiatives, the Illinois General Assembly appropriated an operating budget of \$15.8 million in 2004-05. IMSA and the IMSA Fund for Advancement of Education work to secure the support and participation of various constituencies including individuals, corporations, foundations, educational institutions and governmental agencies to advance the Academy's mission. In 2004-05, \$5.2 million in supplemental funding (gifts and grants) was provided.

IMSA parents paid a fee of up to \$2,000 in 2004-05 to offset some of the costs of cocurricular programs and residential services.

To receive a copy of the 2004-05 IMSA Fund Annual Report, contact the Office of Advancement at (630) 907-5040.

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*Appointed January 2006

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Knisley '01

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Brenda Buschbacher

Legislative Charge

To offer a uniquely challenging education for students talented in mathematics and science and stimulate further excellence for all Illinois schools in mathematics and science.

Vision

To create a learning enterprise that liberates the genius and goodness of all children and invites and inspires the power and creativity of the human spirit for the world.

Mission

The mission of the Illinois Mathematics and Science Academy, a pioneering educational community, is to transform mathematics and science teaching and learning by developing ethical leaders who know the joy of discovering and forging connections within and among mathematics, science, the arts, and the humanities by means of an exemplary laboratory environment characterized by research, innovative teaching and service.



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