

Dear Friends,

The Ingenuity Project is proud to advocate for investment in Baltimore City's high ability students who have the potential to become the next generation of STEM (science, technology, engineering, and math) leaders. Ingenuity's accelerated and rigorous mathematics and science curriculum for grades six-12 earns it national recognition, and the program is the only proven opportunity to excel for these students in Baltimore City Public Schools.

Ingenuity added to its capabilities in school year 2014-15 with leadership changes and new resources for students and alumni:

- Lisette S. Morris joined The Ingenuity Project as its new executive director in summer 2014. Her enthusiasm has led to the introduction of an ambitious agenda with exciting new strategies.
- Middle school student testing by Measures of Academic Progress (MAP) showed that Ingenuity's instructional program is supporting students' growth beyond national averages, continuing a longtime performance trend.
- Ingenuity's alumni network continued to grow thanks to the use of social media. By June 2015, 150 alumni comprised a LinkedIn group. We are grateful for the alumni's financial support and engagement with Ingenuity students.
- Ingenuity's college advisor introduced early advisory sessions for students in grades nine and 10, with a targeted focus on under-represented minority and first-generation college-bound students. The college advisor continues to guide juniors and seniors through the competitive college and scholarship application process to find the right college and financing to succeed. The 39 graduates of the class of 2015 were offered nearly \$6.6 million in scholarship awards.

We thank our longstanding, generous supporters that are so important to our students' success: Baltimore City Public Schools, the Abell Foundation, Lockhart Vaughan Foundation, and T. Rowe Price Foundation. Ingenuity teachers also deserve our grateful thanks for their professionalism and dedication to our students.

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Cordially,

Gary Pasternack, M.D., Ph.D. Board Chair





The Ingenuity Project and Baltimore City Public Schools form a public-private partnership that educates the system's gifted and advanced students citywide. Ingenuity offers the students a pathway to progress — from middle school through high school, and to the nation's most selective colleges to prepare for a rewarding professional future.

ENROLLMENT

In school year 2014-15, 534 Baltimore City Public School students in grades six to 12 enrolled in The Ingenuity Project. All have the potential to perform in the top 10th percentile nationally.

LOCATIONS

The program is hosted by three middle schools — Hamilton, Mount Royal, and Roland Park — and a single high school, Baltimore Polytechnic Institute (Poly).

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THE STUDENTS WE SERVE Ingenuity Project Enrollment in the 2014-15 School Year

tudents citywide may apply for admission to The Ingenuity Project in the fifth and eighth grades. Ideally, middle school students will progress through the STEM curriculum sequence from sixth through 12th grades.

Each application includes multiple measures of a student's abilities and past achievements. In prior years, the selection model included verbal and quantitative tests, teacher recommendations, and report card grades. In 2015, Ingenuity examined new assessments and models to ensure its decisionmaking is aligned with current research for the identification of gifted students from diverse socio-economic backgrounds.



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This is the first Mount Royal MathCounts team to compete in the regional competition at McDonogh School. The four eighth grade students will join The Ingenuity Project at Poly in school year 2015-16.



BALTIMORE POLYTECHNIC INSTITUTE ENROLLMENT



FREE/REDUCED LUNCH ELIGIBILITY



• ENROLLMENT BY ZIP CODE

Ingenuity attracts students from across Baltimore City.

• • • • • • •	Hamilton	Mount Royal	Roland Park	Poly	TOTAL
21210°			47	19	66
21212		4	32	19	55 。
21214	21	1	4	15	41
21218	5	8	13	13	39
21239	7	4	13	10	34
21206	12	7	5	7	31
21209			19	9	28
21215	1	8	6	13	28
21211		1	6	17	24
21217		7	13	4	24
21216	1	21		1	23
21234	9	2	3	7	21
21229		12	4	2	18
21224	1	1	4	11	17
21230	1		9	5	15
21207		5	4	3	12
21213	3	5	1	3	12
21205	2	2	1	2	7
21223		1	1	4	6
21225	1	3		2	6
21231		2	2	2	6
21201		1		4	5
21202		2	2	1	5
21208		1		1	2
21117			1		1
21133				1	1
21209				1	1
21211				1	1
21221	1				1
21244		1			1
21286				1	1
unknown		2			2
TOTAL	65	101	190	178	534 Total Enrollment



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The Roland Park MathCounts team

Each year, Ingenuity strives to prepare and enroll a ninth grade cohort equally represented by graduates from all three middle school programs. Over several years, fewer students in the Mount Royal and Hamilton middle school programs have applied and enrolled in the Ingenuity program at Poly.

In School Year 2014-15, Ingenuity introduced enrichment programs that boost proficiencies and stimulate interests to encourage students to continue an accelerated STEM curriculum in high school at Poly.

INGENUITY MIDDLE SCHOOL GRADUATES WHO APPLY AND QUALIFY FOR INGENUITY AT POLY





HOW INGENUITY STUDENTS EXCEL IN MIDDLE SCHOOL

Ingenuity middle school student growth exceeds national averages in math and science. When students achieve expected levels of growth as compared to a national sample, their overall percentiles generally remain the same. However, Ingenuity students continue to move beyond nationally compared peer groups—a trend also seen in previous years.

Measures of Academic Progress (MAP) by the Northwest Evaluation Association

In School Year 2014-15, Ingenuity adopted a new growth-normed assessment, Measures of Academic Progress, to better align with new college- and careerreadiness standards. The program evaluation using pre- and posttests confirmed the following:

MIDDLE SCHOOL PROGRAM OUTCOMES

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Math MAP Tests, 2014-15 **Change in Average National Percentile**



Ingenuity cultivates and develops gifted and advanced learners.

Testing shows Ingenuity's ability to cultivate gifted learners and those students who emerge from "highly advanced" to "gifted." Gifted learners perform between the 97th and 99th percentiles nationally.

Math MAP Tests, 2014-15 Percentage of all Ingenuity Students at or Above 90th and 97th Percentiles



Science MAP Tests, 2014-15 Percentage of all Ingenuity Students at or Above 90th and 97th Percentiles



Ingenuity delivers rigorous, accelerated, highly effective math

instruction. Students leave middle school with mastery of high school level Algebra I.

Partnership for Assessment of Readiness for College and Career (PARCC)

Ingenuity prepared effectively for the transition to Common Core standards and of PARCC. In the first administration of the PARCC Algebra I test in 2015, 97 percent of Ingenuity eighth-grade students passed the test with a score of 3 or higher, and 84 percent met or exceeded expectations with a score of 4 or 5.

Baltimore Education Research Consortium (BERC)

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In November 2014, BERC published a Preliminary Examination of Ingenuity Student Outcomes from the classes of 2008 and 2013. The study sought to determine whether Ingenuity middle school graduates who did not continue in Ingenuity at Poly nonetheless experienced continuing academic benefits from their prior Ingenuity experience. BERC compared Ingenuity students to a suitable comparison group.

BERC reached the following conclusions:

- Ingenuity middle school graduates earned, on average, 3.5 credits in math, as compared to 2.5 among comparison students. For advanced science credits, Ingenuity students earned 3.9, as compared to 2.7 among their peers.
- Ingenuity students earned significantly more Advanced Placement credits in high school (9.3 versus 5.8).
- Ingenuity students achieved significantly higher weighted GPAs at the end of high school than comparable students, with an average GPA of 3.0, compared to 2.5 in the comparison group.
- Ingenuity students attained significantly higher scores on the PSAT and SAT tests across all subject areas.

HOW INGENUITY STUDENTS EXCEL IN HIGH SCHOOL

HIGH SCHOOL PROGRAM OUTCOMES

SAT and SAT II Test Scores



Class Size	3	8
Perfect SAT/SAT II S	cores	5
Average Number AP	Classes 8.	6
Average GPA	3.74	4
Monetary Awards and Scholarships	nearl \$6.6 millio	y n

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Percentage of Students who Scored a Passing Score of 3 or Above on AP Tests



A Selective List of 2015 College Acceptances

The Ingenuity Project's Class of 2015 was awarded nearly \$6.6 million in scholarships

Boston University Bucknell University Carnegie Mellon University **Coast Guard Academy** Prep School **Columbia University** Drake University **Drexel University** Florida A & M University Fordham University George Mason University George Washington University Georgetown University Goucher College Hampton University Howard University Hunter College

Imperial College of London Johns Hopkins University King's College London Loyola University of Maryland McDaniel College **McGill University** Morgan State University Mount St. Mary's College New York University Notre Dame University of Maryland Pennsylvania State University **Rensselaer Polytechnic Institute** Rochester Institute of Technology Royal Conservatory of Music **Temple University** Towson University

United States Naval Academy University of Chicago University of Edinburgh University of Maryland-**Baltimore County** University of Maryland-College Park University of Massachusetts-Amherst University of Miami University of Pittsburgh University of Southern California University of York West Virginia University Widener University Yale University

MATHEMATICS The Foundation for all STEM Fields

"Dr. Goldenberg's mathematics courses put me ahead of the average incoming freshman at MIT.
I was able to take theoretical math courses starting my first semester." — Dan Borgnia, Class of 2011

r. Mikhail Goldenberg, an internationally recognized mathematician and Ingenuity's mathematics department head, paved the way for Ingenuity's success 18 years ago by developing an advanced mathematics sequence leading students to a sophisticated understanding of mathematical concepts, critical thinking, and problemsolving. Ingenuity students graduate prepared to continue studies in mathematics and fields requiring a mathematical foundation-physics, chemistry, biology, economics, electrical engineering, and statistics.

Middle school students who continue their STEM studies with Ingenuity at Poly are well prepared for the advanced mathematics curriculum. Dr. Goldenberg and our team of experienced math teachers developed the middle school sequence of course content. Entering sixth-graders begin with the international curriculum, Singapore Math. Students use problem-solving to understand mathematical concepts on a deeper level. In the seventh and eighth grades, students complete honors pre-algebra and high school level algebra I, and enter high school prepared for algebra 2.



Dr. Mikhail Goldenberg with Ingenuity alumni (left to right): Albert Hill (2003), Andrew Clemens (2010), Alexander Katona (2011), Dan Borgnia (2011), Andrew Katona (2004), Ilenna Jones (2011), and Owen Hill (2006).

HIGH SCHOOL STUDENTS PREVAIL IN MATH COMPETITIONS

American Mathematics

Competition — Brandon Etienne and Aaron Fink were AMC school winners. Amy Zhang, Yoav Kargon, Morgan Hobson, and Will Povell also received team member recognition.

Maryland Math League — Best problem solvers for Ingenuity were Aaron Fink, Yoav Kargon, Yitzhak Oshry, Will Povell, and Harry Huntley.

2014 University of Maryland College Park High School Mathematics Competition—

Aaron Fink was the Baltimore City winner.

Future Scholars Program-

Aaron Fink, Will Povell, and Max Yuhas were accepted into the Future Scholars program at Johns Hopkins University Department of Mathematics, where high school students attend math classes and earn credit on the JHU campus.

MIDDLE SCHOOL MATH COMPETITIONS

Middle school students with an eagerness for more math opportunities participate in MathCounts and Math Olympiads. Regional competitions extend classroom learning for students and build self-confidence as strong problem-solvers. MathCounts teams practice weekly, and progress from school competitions to a regional competition held at McDonogh School.

EXPERIENTIAL LEARNING Beyond the Textbooks

MIDDLE SCHOOL **SCIENCE AND** ENGINEERING

Experiential learning is a priority throughout the middle school science curriculum that covers earth science, biology, and the physical sciences. Students learn research methodologies by developing their own science projects. They show their results in school-based science fairs and in the citywide science fair at Morgan State University.

Beginning in fall 2015, experiential science will play an even greater role in the middle school science program. Thanks to a two-year \$100,000 grant from the Jack Kent Cooke Foundation, a pilot five-month curriculum, the STEM Capstone Challenge, will introduce the engineering design process to seventh and eighth graders. The program will also enroll 200 non-Ingenuity students from across Baltimore City schools, many of whom are identified as high-achieving, low-income students. The curriculum will be among the first in Baltimore City schools to pioneer Next Generation Science Standards.



Rian Finney, seventh grade, Mount Royal Middle School

MIDDLE SCHOOL SCIENCE COMPETITIONS

Ingenuity middle school students competed in the Baltimore 2015 Science Fair held at Towson University. Christian Pearson, an eighth grader from Mount Royal Middle School, won honorable mention from the American Institute of Aeronautics and Astronautics. Callie Chambers. a sixth grader from Mount Royal Middle School, took third place in the grade-level competition.

Hamilton Middle School students competed in the Maryland Science Olympiad. Jocelyn Pinkney and Mariah Scott placed third in the chemistry competition. Nathan Yates also won third place in the Oympiad's space competition.

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"Ingenuity provides a good foundation for the rigor of college. Besides classroom academics, Ingenuity pushes its students to branch out and try research at the nearby institutions. Doing cool things and being able to explain them in a compelling way prepared me for the real world."

- Duane Dennis, Class of 2010, Founder of a nutraceuticals company, *Miramix, MIT graduate*

SCIENTIFIC RESEARCH Beyond the Classroom

he hallmark of The Ingenuity Project is its three-year high school Research Curriculum, which requires students to develop independent research projects under the mentorship of distinguished scientists and engineers at Baltimore's worldrenowned institutions. Longtime sponsoring departments at Johns Hopkins University include: Mechanical Engineering **Biochemistry and Molecular** Biology, Biomedical Engineering, Pathology, Psychiatry and Behavioral Sciences, and Radiology. Students enter their projects into science competitions and may advance to national and international levels.

High school students displayed the complexity of their research on May 2, 2015 at Ingenuity's 13th Annual Research Symposium held at Baltimore Polytechnic Institute. The Symposium is coordinated by the students. Guests see the depth of the original research of students.



Timothy J. Regan, CEO, Whiting-Turner Contracting Company, reviews posters after his keynote address.



Ingenuity team members (left to right): Amy Zhang, Jakob Lucas, Martin Orellana, Craig Williams, Aishwarya Shettigar, and Anisa Hofert. The team members participated in the Northrup Grumman High School Innovation Challenge. Sponsoring teacher: David Nelson.



Tula Raghavan, class of 2015, studied chemoresistant cancer tumors in the project, "The Effects of the Antiglcolytic

Agent in Dichloroacetate (CDA) When Used in Combination with Carboplatin on Glioblastoma Multiforme (GBM)," with guidance from her mentors, Dr. Betty Tyler and Antonella Mangraviti, at the Johns Hopkins School of Medicine, Department of Neurology. Tula co-authored "Local Delivery of a Small-Molecule Inhibitor of Hypoxia Inducible Factor-1: A New Candidate Ddrug for Brain Tumor Therapy," published in Neuro Oncology with co-authors, Antonella Mangraviti and Francesco Volpin.

In addition, Tula also co-authored "Efficacy of Intracranial Delivery of Dichloroacetate and Carboplatin Via an LCP Polymer Microcapsule Device in an Experimental Glioma Model," in *Neural Oncology,* with Antonella Mangraviti, Yike Jin, Jay Sy, Yuan Wang, Lindsey Hastings-Spaine, Alessandro Olivi, Betty Tyler, and Henry Brem.

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Ina Rastegar, class of 2015, conducted research on the factors associated with prevalent glycemic and cardiovascular risk

factor control in older populations with diabetes. Her mentors were Dr. Elizabeth Selvin and Christina Parrinello at the Johns Hopkins School for Public Health. Ina co-authored "The Prevalence of and Racial Disparities in Risk Factor Control in Older Adults with Diabetes: The Atherosclerosis Risk in Communities Study," published in Diabetes Care (2015), with her mentors and colleagues C.M. Parrinello, J.G. Godino, M.D., Miedema, K. Matsushita, and E.P Selvin.



Will Povell. class of 2016. conducted an independent project in a branch of A.I research. Using the Python

programming language, he compiled a large data set by "scraping" data from a Q & A website and examined its features for the purpose of training machine-learning algorithms. Will conducted his research under the mentorship of Dr. Matt Post and Frank Ferraro at the Johns Hopkins Center for Language and Speech Processing.

HIGH SCHOOL AWARDS

On Saturday, March 21, 2015, 15 Ingenuity students presented projects at the 2015 Baltimore Science Fair held at Towson University. For the fifth year in a row, an Ingenuity student won a grand prize award!

GRAND PRIZE, BIOLOGICAL SCIENCE

Phoebe Sandhaus, "Analyzing and Placing Limits on Light Curves Generated from HST/ COS White Dwarf Data"

HONORABLE MENTION, **BIOLOGICAL SCIENCE**

Cullen Bray, "Role of ErbB2 and Beta 2-Adrenergic Receptor Interaction in Heart and Cardiac Progenitor Cells"

Kathy Le, "Activating Mutations in FGFR Leads to a Competitive Advantage in Drosophila Germline Stem Cells"



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Mentor John Debes, Space **Telescope Science Institute,** with Phoebe Saulhaus at the 2015 Intel International Science and Engineering Fair in Pittsburgh, PA.

HONORABLE MENTION. PHYSICAL SCIENCE

Lane Easterling, "Dynamic Fragmentation of Saturn's E-Ring Particles"

Alex Hilger, "Drones Equipped with LiDAR Sensors for 3D Mapping"

Ingenuity students earned 33 special awards from independent groups.

AFCEA Central MD Chapter— **Phoebe Sandhaus**

American Meteorological Society- Zachary Byrd

American Psychological Association— Will Povell

American Society for Quality— Phoebe Sandhaus (2nd)

Association for Computational Machinery- Karam Lyons

ASU Walton Sustainability Award- Karam Lyons

Intel Excellence in Computer Science- Eterick Stonley

International Council on System Engineering— Phoebe Sandhaus National Organization of Gay & Lesbian Scientist & Technical Professionals— Will Povell, Blair Smith

National Security Agency-Karam Lyons, Will Povell

National Society of Black Engineers- Karam Lyons, Lane Easterling, Victor Ike-Amaechi, Harry Huntley, Will Povell

National Space Society— Tenee Blackett, Lane Easterling, Alex Hilger, Phoebe Sandhaus

Optical Society of America and IEEE – Alex Hilger, **Phoebe Sandhaus**

Society for In-Vitro Biology- Kathy Le

U.S. Air Force- Alex Hilger, **Phoebe Sandhaus**

U.S. Army- Simon Benzer, Lane Easterling, Karam Lyons

U.S. Navy- Simon Benzer, Will Povell (3rd), Phoebe Sandhaus (2nd)

U.S. Public Health Service-Cullen Bray (honorable mention), Kathy Le (2nd place)

Yale Science and Engineering Association— Alex Hilger

TO THINK, CREATE, AND INNOVATE Cultivating Tomorrow's Transformational Leaders

Ingenuity's primary 2015 fundraiser was transformed into a TED-style event providing middle and high school students a forum for sharing scientific discoveries and personal aspirations. The event's 250 guests were enthralled by the spirited students whose abilities, presence, and self-knowledge will place them among tomorrow's transformational leaders.

2015 IDEA SUMMIT PARTICIPANTS



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Taylor Beckham Alumna, Class of 2007 The Value of The Ingenuity Project to a Non-STEM Career



Class of 2016 Cover It Up! "I want to go to school for business

and agriculture

Harry Huntley

and eventually start my own organic farm."



Chikaodi Nwanegwo Class of 2015 *All Lives Matter*

"I plan to major in chemistry in college and then enroll in an M.D./Ph.D. program"



Tula Raghavan

Class of 2015 Clioblastoma Multiforme: Tackling the Deadliest Primary Brain Cancer

the Acriflavine Study through and have fun in college."



Zachery Byrd

Class of 2015 Living Your Life to the Fullest

"I intend to achieve a 4.0 GPA my first two semesters at Johns

Hopkins University. Then, I hope to get a summer internship at Northrop Grumman or Google. Hopefully by my sophomore or junior year, some of the ideas I have can be patented."



Jacques Thompson 8th Grade A Difference in Opinion: The Importance of Youth Voices

"My goals for the future include finishing college with degrees in either engineering, graphic design and computer programming, or a degree in acting. I hope that the career I choose will help me become moderately wealthy and able to give back to my family."



Jasmine Drummond 7th Grade Misconceptions of STEM Education

"My goals for the future are to first continue making

Honor Roll, then be accepted into a college that has a great science curriculum and pursue my career as a veterinarian."



Will Povell Class of 2016 Security and Privacy in the Information Age

"I hope to go to college and study computer science, as

well as possibly double major in math. From there, I hope to create some sort of tech startup and change the world for the better."



Lola Stevenson 8th Grade *Solar Roadways*

"My goal is to take the classes I want to take, not plan or stress over the future, but instead

enjoy my high school (and not to mention learning) experience."



Nina Mendez Class of 2015 *Limitations?*

"My biggest goal for the future is to someday develop a theory so grand that

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it will make its way into textbooks. I also wish to become a professor so that I may give back and encourage the academic flourishing and enthusiasm of youth."



Kelmonte Mims Class of 2015 The Power of

Persistence "I plan to go to college then attend law school, and hopefully become

a Supreme Court justice one day."



Da'Kuawn Johnson Alumnus, Class of 2013 *It's a Microbes World*

"After graduation from UMBC as a Meyerhoff Scholar, I plan to pursue

an M.D./Ph.D. and then move on to get a faculty position at a research hospital or school of medicine and conduct clinical trials on treatments for diabetes and other metabolic disorders."

Vollmer Center Cylburn Arboretum April 26, 2015

Thank you to our 2015 Idea Summit Sponsors!

The Ingenuity Project gratefully acknowledges the following

contributions' received during the 2014-2015 school year:

FOUNDATION AND GOVERNMENT SUPPORT

The Abell Foundation Baltimore City Public School System Jacob and Hilda Blaustein Foundation Eddie C. and Sylvia Brown Family Foundation Jack Kent Cooke Foundation Goldseker Foundation Hoffberger Family Philanthropies

Lockhart Vaughan Foundation Joseph & Harvey Meyerhoff Family Charitable Funds Society for Science and the Public

Aaron and Lillie Straus Foundation T. Rowe Price Associates Foundation Harry and Jeanette Weinberg Foundation Thomas Wilson Sanitarium for Children

IDEA SUMMIT SPONSORS

Baltimore Polytechnic Institute Foundation, Inc. Johns Hopkins Center for Gifted and Talented Youth Johns Hopkins University Stevenson University T. Rowe Price Associates Towson University University of Maryland at Baltimore County Whiting Turner Contracting Company

\$1,001 - \$7,500

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\$501 - \$1,000

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\$101 - \$500

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UP TO \$100

Adelani Adeodoyiin Stephanie & Elizabeth Azcona-Hartmark Kathy Bacon Steward Beckham Roger Birkel Ariel Bowers Jessica Campbell & Ema Pagliaroli Dolores Costello Mr. & Mrs. Dangnokho Judith Egerton Sandra Fink Carla Hobson Nancy Hoppa Craig Huntley Nikema Isaac Paige isaacson Da'Kuawn Johnson Ken & Leslie Kuper Sara W. Levi Jane Lindenfelser Joseph Manko Cecilia Meisner Carole Mentrez Nneka Nnamdi Beth Nolan Shawn Ortiz Aleeza Oshry Molly & Buddy Parker Jeanne Paynter Kathy Poole & John Easterling Proximity Project, Inc. Janis Rainer Ian Rashkin Yelena Schwartz Marc & Shannen Coleman Siciliano Ann Soudant Samuel Stevenson Roland Taylor Melina Turtle Fred Van Dyk Faith Ward Catherine Washburn & Dean Mackinnon Caroline & Peter Wayner James West Jane Wilbur Adam Wishart

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In Memory of Alexander Lee Katona ("Xander")

Class of 2011 February 17, 1994 -November 8, 2015

We honor the life of Xander, a beloved son, brother, friend, scholar, and amazing person. His life was a blessing, his memory a treasure.

Xander is Everywhere.

STATEMENT OF FINANCIAL POSITION

June 30, 2015 and 2014*

	2015	2014
ASSETS		
Cash	\$291,881	\$142,410
Certificate of deposit	—	—
Cash restricted	—	—
Accounts receivable	_	_
Grants receivable	148,153	47,038
Prepaid expenses	—	9,516
Net property and equipment	67,931	74,446
Iotal Current Assets	\$507,965	\$273,410
LIABILITIES		
Deferred revenue	_	_
Accounts payable	\$10,157	\$5,991
Accrued salaries	6,819	25,235
Total Current Liabilities	\$16,976	\$31,226
NET ASSETS		
Unrestricted	\$320,989	\$242,184
Temporarily restricted	170,000	—
Total Net Assets	\$490,989	\$242,184
Total Liabilities and Net Assets	\$507,965	\$273,410
STATEMENT OF ACTIVITIES, JUNE 30, 20	015 AND 2014	
	2015	2014
REVENUES AND OTHER SUPPORT		
Baltimore City Public School System	\$368,000	\$368,000
The Abell Foundation	500,000	500,000
Foundation and corporate grants	370,188	88,500
Other revenue	135,850	158,064
Total Revenues and Other Support	\$1,374,038	\$1,114,564
Expenses		
Program services	\$ 895,249	\$840,957
Management and general	187,524	193,604
Fundraising	30,836	27,583
Total Expenses	\$1,113,609	\$1,062,144
Loss on Disposition of Property	(\$11,624)	_
Change in Net Assets	\$248,805	\$52,420
Net Assets at Beginning of Year	242,184	189.764
Net Assets at End of Year	\$490,989	\$242,184

*Above are selected components from the 2015 audited financial report.

Total student enrollment: 534; Cost per student: \$2,085

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BOARD OF DIRECTORS

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> Gary R. Pasternack, M.D., Ph.D. Chair Chief Executive Officer Asklepion Pharmaceuticals, LLC

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Martin Lee, M.B.A. Treasurer Head of FI Quantitative Research T. Rowe Price & Associates

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ADMINISTRATIVE TEAM

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Sergei Zverev, Ph.D. Associate Director

Gale Fletcher, M.A. Dean of Students

Shani Ortiz, M.S. College Advisor

Vernise Bolden, M.S. Admissions Coordinator

Keyha Royster Administrative Assistant/ Office Manager

Shannon Katona Administrative Support/ Lab Supervisor **Andrea Bowden, Ph.D.** Assistant Principal Digital Harbor High School

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James E. West, Ph.D. Research Professor, Departments of Electrical and Computer Engineering, Mechanical Engineering Johns Hopkins University

Ben Yuhas, Ph.D. Principal Yuhas Consulting Group, LLC

INSTRUCTIONAL TEAM

Mikhail Goldenberg, Ph.D. Mathematics Department Head

Libby Graff High School Math Teacher

Felicity Ross Middle School Math Teacher

Susan Lyons Middle School Math Teacher

David Nelson, M.S. Research Coordinator

Alka Sharma Middle School Math Teacher

Maya Spicinetskiy Middle School Math Teacher

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