MISSION STATEMENT

Enriching the lives of girls through Science, Technology, Engineering & Math

VISION

The Vision of Girls 4 Science (G4S) is to increase science literacy amongst girls ages 10-18 through scientific discovery and collaboration with external partnerships.

SATURDAY SCIENCE ACADEMY

Saturday Science Academy operates for six consecutive Saturdays every quarter at Olive Harvey City College of Chicago, Malcolm X City College of Chicago, University of St. Francis (Joliet). The Science Academy includes small group science exploration, themed field trips that allow participants to experience STEM “live and in action” and mentorship.
Girls 4 Science is a nonprofit organization dedicated to exposing girls in Chicago ages 10-18 years old to science, technology, engineering and math. We focus on developing skills, self-esteem, awareness and relationships to help girls overcome barriers that may prevent them from achieving greater success in these fields. Research shows boys and girls demonstrate similar attitudes toward science in elementary school. As they get older, girls’ grades and interest decline. Only about 20 percent of women in the U.S. have careers in STEM fields.

G4S has an open enrollment policy that does not discriminate on the basis of financial status. Many who take part do not have readily available resources to support educational opportunities. Others, who once had access to enrichment programs, no longer do because of budget cuts during these difficult economic times. Consequently, they share a lack of positive images and varied role models that can isolate them in male-dominated STEM fields.

G4S draws upon external partners to provide comprehensive hands-on, personal experiences during our year-round six-week sessions. It is Chicago’s only all-girls science initiative providing instructors in a state of the art laboratories. It is also an organization that offers a noncompetitive, peer-to-peer environment of encouragement.
LETTER FROM THE EXECUTIVE DIRECTOR

This is our sixth year anniversary taking science, technology, engineering and mathematics to the next level at Olive Harvey, Malcolm X and University of St. Francis. Through our partnership with University of St. Francis our girls now qualify for a college scholarship post high school. This partnership merges the mission of G4S to promote the educational goals of the students at all levels.

G4S has doubled its program offering but still continues to perform marginally across its financial goals. The measure of our success is truly not the value of money. However, there is a cost associated with offering a program for free i.e. administrative and operational costs. There are “Angels” who probono assist G4S with legal, marketing, financial, and business consultation. There have been numerous requests to expand G4S to a fourth site. Our business model is quality over quantity and therefore we have postponed some opportunities so that we can manage our success.

As an Ambassador for G4S I hope for even greater prosperity in the lives of our students and their families for 2016. Thanks for choosing G4S as a solution to your child’s educational goals.

Cordially,

Jackie Lomax
Founder/Executive Director
Girls 4 Science
I have had the opportunity to observe Girls 4 Science grow into a “butterfly” on all levels. As the Chairperson of G4S Board of Directors I have assisted the Board to develop solutions regarding programming and governance. The student experience is always a primary focus of G4S. We continued to improve in this area with laboratory experiments facilitated by subject matter experts and exciting and engaging field trips. The Program Committee oversees the quarterly themed modules and ensures that it meets the goals regarding student development.

Connecting the community with the mission of G4S is another initiative that has helped sustain G4S growth. I host an annual Garden Party Fundraiser each summer to help raise money for future Saturday Science Academy modules. The formation of the Advisory Board has impacted recruitment and policy implementation.

Many thanks to all of the G4S donors and sponsors for “leading by example”.

Amy E. Wilson, Ph.D., J.D.
Board Chair
Girls 4 Science
2016 Report Card*

Age Range — 10 - 18

African-American participants — 68%
White participants — 12%
Hispanic participants — 11%
Asian participants — 7%
Native American participants — 1%
Hispanic participants — 11%

Schools represented throughout the Chicagoland area — 176

Elementary aged girls registered at all sites — 517 (78%)

High school aged girls registered at all sites — 148 (22%)

New registered in 2016 — 200

New volunteers per quarter — 8 (approx)

97% want to study STEM in college

94% are confident in Science

90% are confident in Math

*After completing a Saturday Science Academy our girls reported the following: (data compiled from pre/post surveys of the four program quarters of 2016)
6 Weeks of FREE Science exploration, field trips, mentorship & scholarships
Saturdays: July 16 – August 20, 2016
10:00 a.m. - 12:00 p.m.

Summer 2016 Session will explore SCIENCE OF BUILDING

3 Locations
• Olive Harvey Community College - Chicago, IL
• Malcolm X Community College - Chicago, IL
• University of St. Francis - Joliet, IL

REGISTRATION STARTS
MAY 29, 2016 (Returning Students)
JUNE 5, 2016 (New Students)
All NEW and RETURNING Students Must Register @ www.girls4science.org click on the REGISTER TAB
A Program Coordinator will contact you with the classroom number via email and phone message.
Olive Harvey Program Coordinator – Deneen Robinson (educateyoutoo@outlook.com)
Malcolm X Program Coordinator – Jackie Lomax (jlomax@girls4science.org)
University of St. Francis Program Coordinator – Carole Frano (cfrano@stmarynativity.org) or CALL (773) 401-6685

Calling All Girls 10 – 18 Years of Age …

Certified Instructors • State of the art science laboratories • Increased self-esteem • Peer to peer mentoring

Science of Building
|ˈsɪəns əv ˈbildiNG|
The process or business of constructing something (typically something large), by putting parts or material together over a period of time
CAREERS IN SCIENCE

Girls 4 Science (G4S) is positioning itself to be the leader in STEM exposure for girls throughout the Chicagoland area for years and years to come. Girls 4 Science’s program model collaborations with STEM professionals and corporations, and intentional efforts to celebrate and raise awareness of women in STEM - will change the overall perception of STEM in Chicago. G4S is committed to making STEM exposure and learning accessible and fun so that girls are excited about STEM. The G4S model is rooted in girls believing in themselves and their ability to contribute to the community and society at large in a field where women are under-represented. If more girls have access to G4S programming there is great potential for more women to study STEM on a collegiate level, pursue STEM professions and offer unique perspectives to future STEM innovation.

G4S is changing the trajectory of the lives of many deserving young girls in Chicago.

Sariah Jemmison

I was in G4S for about two and a half years. I will be majoring in Industrial Engineering and attending Northern Illinois in the fall.

Girls 4 Science was a wonderful experience. It was basically a bunch of exposure to a lot of different science projects. … My favorite project personally was building my own robot, which had it’s little sensors, so when it would bump into things, it would go in the other direction, which kind of helped us understand the technology behind the little mopers that you see that mop the house while you are away, or whatever. …

… After G4S my science grade did improve, … I am an A - B student and I do have a 4.2 gpa and I graduated number 12 out of 421.

… G4S isn’t just some club, or a group of girls who are nerdy and like to learn on a Saturday. G4S is a way to expose yourself to the many different STEM careers. G4S will be with me forever. It has impacted me. It is a wonderful place to meet other girls, you know. You can meet a mentor, be a mentor.
Kenyana Tyeska

I plan to double major in bio-chemistry and molecular and cellular biology with a minor in chemistry.

In G4S, I enjoy like the mentorship and the opportunities that I receive from G4S like, recently, I was able to go to space camp, and I also was able to meet like different female CEOs, such as the CEO of Ingredion and ComEd, and I was also able to receive financial support for college through different scholarships they recommended.

So, when I went to space camp, we had to do a space camp board to show to the CEO and one of the mentors viewed my board to send to the CEO. And, we had a general conversation and she ended up telling me that she worked in the lab at the University of Chicago and she gave me the opportunity to work with her. And in that lab they use a lot of cellular and molecular biology, so, that’s how I picked my major.

I anticipate college to be a fun and a life learning experience. Hopefully, I get the best out of college with opportunities, I think being in G4S has allowed me to be more confident in the things that I want, so, I am a lot more outgoing, so I can reach out for things that I want now, so I think that will help me in college.

View additional interviews of our young women who are going on to pursue studies in STEM go to: girls4science.org/2016promo.html
or scan the QR code below with your smartphone:
Fiscal Year 2015 Review
January 1, 2015 — December 31, 2015

Expenses
Total $163,680

Program Services $106,140

General & Administration $35,266

Fundraising $22,274

Revenue and Support
Total $223,379

Contributions $144,362

In-Kind Contributions $79,017
G4S is grateful for all contributions and time volunteered.

$25,000 and above
Cedar Concepts Corporation
ComEd
Ingredion Charitable Foundation
Kellogg School of Management
Vista Equity Partners III LLC

$14,999 - $10,000
Horizon Pharma

$9,999 - $5,000
Joseph & Bessie Feinberg Foundation
Illinois Tool Works Foundation
Jessica Jamieson

$4,999 - $1,000
The 11-02 Foundation
American Public Works Assoc.
Robin L. Brown
Bozicevic, Field & Francis LLP
Horizon Pharma, USA Inc
Rakocy Molino Mazochzi
Siwik LLP
Dona & Sam Scott Foundation

$999 and under
Abbvie Silicon Valley
Angela T. Allen
Kirsten Anderson
Alicia Andry
Jessica Andujar-Redman
Cynthia Annorh
APV Multimedia Inc
Brent Baccus
Baxter International Foundation
David Berkley
Berkeley Risk Administrators Co., LLC Kimberly Berkowski
Regina Block
Eric & Linda Boasmond
Michael Bolton
Susan Booth
Pamela Borders
Bozicevic, Field & Francis LLP
Cyrus Bracey
Patricia Bradley
Christine Brinkman
Patrick Bronsan
Sarah Calder
Matrice Caldwell
Michael & Suzanna Carney
Christine M. Castellano
Lynn Chamberlin
Ann Chen
David Clough
Marlow Colvin
Combined Charities Campaign
Tony F. Crawford
Elizabeth Curtin
Federico & Jacalyn D’Escoto
Twila D. Darkried
Nancy Davis Wingfield
Laura DeMoor
Jane Susan Dicks
Mary DiNunzio
Natasha DiPrima
Holly Dotterer
Richard Duda
Helen & April Dumas
C. L. Eddings
Howard Ellegant
Shawn E. Ellis
Patricia Ervin
d’Escoto, Inc.
Exelon Foundation
Janice Feinberg
Fidelity Charitable Gift Fund
Ira Finkelstein
First Midwest Bank
Nicole Fornarotto
Dan Gabel
Barbara & Clifford Ganan
Sonja Gaston
Tiffany Gehrke
Debra Gentry
Monica Gordon
Lisa Harrell
Elaine Harris
Phyllis Hayes
Andrey Hill
Jacqueline Horn
Andrea Hunt
Erlin Inman
Jean Janes
Lynn Janulis
Neha Jassi
Tarah Johnson
RaMaya Johnson
Darlene Jones
Ronald Kaminski
Kroger
Stasia Ogden
Elizabeth Ohito
Susan Olavarria
Sarah Padgitt
Shannon Page
Annette Parent
Sandip Patel
Richard & Kathleen Przybylski
Mary Quigg
Nawal Quzren
Dana M. Randerson
Claire Regan
Thomas Rein
Elizabeth Reynolds
Jessica Roberts
Addie Rogers & Kristie Denman
Rogers
Patrick Ryan
Petra Sansom
Susan B. Schaad
David Scharf
Lisbeth Scharf
Enaj Schlap
Nancy Schmelkin
Barbara Sias-Chinn
Paula Kelly
Minkyu Lee Kim
Lauren Kirk
Heather Kissling
Mary Klingenberg
Sherry Knutson
Margie Korshak
Jacqueline Kunzler
David Kurczewski
Sandra G. Kwasa
Doyle Landry
Alison Larson
Menjuewei C. Latham
Mark Lenz
Gerrie Levi
Diane MacDonald
Cheryl Maleteich
Jody Marucci
Keri McGuire
Tammy McMiller
Lizbeth Mende
Meribeth Mermall
Mind Your Manners, Limited
James Mizgala
Julie-April Montgomery
Jacqueline Moore
Network for Good
Katherine Neville
Anastasia M. O’Brien
Tracy O’Flaherty
Powell Graphics & Communication
Terrie Simmons
Maureen M. Slavin
Kathryn Socha
Society of Cosmetic Chemists
Midwest Chapter
David Stahl
Penny Stewart
James Tanselle
Clifford & Melissa Thebaut
US Mexico Chamber of Commerce
Carla Varner
Mary Vincent & Mark Melik
Vincent
Latasha M. Watkins
Jake Weinstein
Jacqueline White
Ben Whitlock
Earlene Williams
Marcia Williams
Amy Elizabeth Wilson
Erma J. Wilson
Mack Wilson
Jana Wozniak
Jacqelyn A. Young
FISCAL YEAR 2016 REVIEW
January 1, 2015 — December 31, 2015

Expenses
Total $202,289

Program Services $127,575
General & Administration $31,871
Fundraising $42,843

Revenue and Support
Total $180,504

Contributions $84,822
In-Kind Contributions $95,682
2016 Donors

G4S is grateful for all contributions and time volunteered

$15,000 and above
Cedar Concepts Corporation
ComEd
Ingredion

$14,999 - $10,000
Horizon Pharma
Joseph & Bessie Feinberg Foundation

$9,999 - $5,000
Illinois Tool Works Foundation
Rakoczy Molino Mazzochi
Siwik LLP

$4,999 - $1,000
Ronald Kaminski

$999 and under
Veronica & Ruben Aguilera
Fabiola Amezcua
Kirsten Anderson
Edward Baumann
Kimberly Berkowski
Virginia Berland
Linda & Eric Boasmond
Kara Bonitatibus
Traeca Booker
Linda Bradley
Baxalta
Robin L. Brown
Cristal Burrell
Brianne Cap
Ann Chen
David Clough
Charolette Collins
Combined Charities Campaign
Holly Copeland
Denise D. Cresswell
Tamara Crossley
Linda Cuevas
Christine Davis-Stewart
Harold Dawson
Kristy deBoer
Shaw Decremer
Laura DeMoor
Janhavi Desai
Ebony M. Dill
Mary Catherine DiNunzio
Marilyn Dixon
Richard Duda

Patrick Eagleman
Maisha J. Earl
Judy Evers
Janice Feinberg
Frances Felice
Ira Finkelstein
Robin Fitzgerald
Nicole Fornarotto
Laura Garcia
Omayra Garcia
Corliss Garner
Margaret Georgiadis
DuWarren Gibson
Melanie Givens
Grasia Gonzalez
Veronica & Jose Gonzalez
Monica Gordon
Jacob Graham
Adrienne Grier
Carolyn Grisko
Sherry Hadleyevans
Marva Hall
Kelly Harris
Carol Harris
Julianne Hartzell
Phyllis P. Hayes
Doyle Hayes
Amy Henderson
Monica Higgins-Young
Mathew Horner
Selenea Hughes
Nichole Humphrey
Timothy Hunter
Erin Inman
Tanisha Innis
John Paul Isaacson, Jr.
JK Insurance Agency, Inc
Laverne Jackson
Veronica Jackson
Ashima Jaiswal
Jessica Jamieson
Eric Jarris
Martha Jean Jean Griffin
Lou Ann Johnson
Brittany Jones
Nakisha Jones
Latony Jones
Priscilla Jones
Ronald Kaminski
Laura Kantor
Thomas, Jr. Keim
Heather Kissling
Jacqueline Kunzler
Sevil Kutay
Neha Lall
Dale Lasky
Menjwei Latham
Latham & Watkins LLP
Gerrie Levi
Enid & George Lewis
George Lewis
Jerod Lockhart
Lisa Luangsomkham
Diane MacDonald
Diane MacDonald
Bruce A. Maletich
Cheryl Maletich
Ana Manzanares
Marshall, Gerstein & Borun LLP
Alice Martin
Amelia Martinez
Jean McCormick
Donald McGruder
Keri McGuire
Scott McVeilly
Cheryl McPhillmy
Shalanda Means
Meribeth Mermall
Mina Miley
Stephanie & Brian Miller
Jennifer Moitoso
Laura Moore
Gregory Morris
Jeri Morris
Natasha Morris Morris
Leslie Morrison
Christine Moskalik
Michael & Jennifer Muczynski
Patrica & Robert Natke
Network For Good
Katherine Neville
Kendall Norris
Stasia L. Ogden
Renee Onyebuagu
Aracil Ortiz
Annette Parent
Sandip Patel
Anne Pax
Aaron Peters
George Pitchford
Steven Pokotilow
Leo Polz
Zandria Primer
Tracey Proby
Mary Quigg
Claire Regan
Elizabeth Reynolds
Windy & Robert Rickmon
Katrice Ross
Laura Ross
Melissa Sanchez
Petra Sansom
Margarita Santamaria
Susan Schaad
David Scharf
Lenaj & Philip Schlak
Stephen Schlegel
Nancy Schmelkin
Jennifer Schmizz
Lisa A. Schneider
SalesForce Org
Jeffrey Sharp
Christine Shaw
Tosha Shell
Jemene Shelton
Silicon Valley Community Foundation

Sharon Simith
Sacella Smith
Whitney Smith
Justin Smith
Shayla Smith
Lori Spuelman
Mark Staublin
Peggy & William Stevens
Pennie Stewart
Cheryl Strong
Kate Nuehring Su
Sue Alindog
Gargi Talukder
Richard Thurman
Ellen Rozelle Turner
Ellen Turner
Gwendolyn Ulner
Miguel & Mary Villarreal
Regina Westry
Amy Wilson
Mack Wilson
Cheri Wilson-Chappelle
Jana Wozniak
James Zeller
OUR PARTNERSHIPS

Over the past six years Girls 4 Science has been able to do exemplary and impactful work to increase science literacy amongst our participants. Some organizations that have allowed us to provide dynamic and hands-on activities to our girls are:

WAYS TO PARTNER WITH G4S

- Sponsor a Saturday Science Academy
- Host a Saturday Science Academy Quarter
- Donate program supplies
- Sponsor a bus for a G4S field trip
- Provide refreshments for a G4S Saturday Science Academy
- Sponsor G4S t-shirts which include your company logo
- Become a board member
2015-2016 Board of Directors

Girls 4 Science is honored to have a committed Board of Directors that actively guide and support us in our continued growth. If you are looking for an exciting opportunity to use your expertise and support a growing organization consider joining our Board of Directors.

Founder & Executive Director
Jackie Lomax

Board Chair
Amy E. Wilson, Ph.D., J.D.
Shire

Onome Alabi, M.A.
Chicago Public Schools

Alan Brazil, C.P.A.
DuSable Museum of African American History

Robin L. Brown, M.B.A.
Ingredion Incorporated

Linda McGill Boasmond
Cedar Concepts Corporation

Elaine Harris, M.B.A.
Ingredion Incorporated

Melanie Givens
Bernard and Tregaskiss an ITW Company

Diane MacDonald, J.D.

Susan Schaad
Bay Valley Foods

Meribeth Mermall, Atty.
ComEd

Richard A. Duda, Atty.
Ingredion Incorporated

Michelle M. Peltier
The JaDemier Group, Inc.

Advisory Board
Kirsten Anderson
Kimberly Berkowski
Pamela Borders
Monica Gordon
Phyllis Hayes
Erin Inman
Kate Nuehring Su
Girls 4 Science

P.O. Box 288958
Chicago, Illinois 60628

girls4science.org

(773) 401-6685