

# FUNDING APPLICATION

GENERAL INFORMATION			
Organization Information			
<b>Legal Name:</b> University of the Incarnate Word	<b>Federal Tax ID#:</b> 74-1109661	<b>501(c)(3) Public Charity</b> 509 (a)(1)	
<b>Address:</b> 4301 Broadway Street	<b>City:</b> San Antonio	<b>State:</b> TX	<b>Zip Code:</b> 78209
<b>Website:</b> <a href="http://www.uiw.edu">http://www.uiw.edu</a>	<b>Fax:</b> (210) 283-5098	<b>United Way Funded:</b> No	
Head Of Organization			
<b>Name:</b> Thomas Evans, Ph.D.		<b>Title:</b> President	
<b>E-Mail Address:</b> dstockma@uiwtx.edu		<b>Phone:</b> (210) 829-2754	
Application Contact			
<b>Name:</b> Armando Saliba	<b>Title:</b> Associate Director of Foundation, Corporate & Government Relations	<b>E-Mail Address:</b> saliba@uiwtx.edu	<b>Phone:</b> (210) 829-2754
<b>Has the organization applied to the Najim Family Foundation in the past and been declined?</b>			
Yes July 2009 and July 2007			
<b>Grant Amount Requested \$:</b> \$58,258	<b>Total Project Budget \$:</b> \$277,500	<b>Organization's Annual budget \$:</b> \$230,700,000	
<b>Mission Statement:</b> UIW's mission to educate men and women who become concerned and enlightened citizens. This mission is rooted in the belief of social justice.			
PROJECT INFORMATION			
<b>Program / Project Title:</b> To support the GEMS Program which provides low-income middle school and high school female students the opportunity to attend STEM Summer Camp.			
PROJECT TIMELINE			
<b>Start Date</b> 05/20/2019		<b>End Date</b> 05/20/2020	
<b>Harvey E. Najim Family Foundation Priorities:</b> Education			
<b>Education Priorities:</b> Elementary to High School			
<b>Program / Project Description:</b>			

This application describes the Girls in Engineering, Math and Science (GEMS) STEAM and Programming Camps and Clubs for Summer 2019 - Spring 2020. GEMS held its first camp in Summer 2015. The mission of the GEMS program is to provide the opportunity for female students from low income areas of San Antonio to attend a free high-quality and high-impact STEM summer camp where they learn about STEM study and careers through guest lecturers, innovative group activities, and research projects. The goal of the program is to increase the number of women, especially under-served minorities, who enter into STEM fields, particularly Engineering and Computer Science. To achieve this goal, the GEMS program endeavors to increase the number of female students choosing the STEM Endorsement in High School. The selection of one of five endorsements must be made in the 8th Grade. Without the STEM Endorsement, it is highly unlikely that a student will be STEM ready for college. Currently, GEMS measures its outcomes using data on daily school attendance, course grades, and High School STEM Endorsement selection.

GEMS highlights include:

- 1) Seven free STEAM Camp sessions for girls from under-resourced middle schools and high schools
- 2) Free round-trip transportation to the camp site
- 3) A camp focused on STEM particularly Engineering and Computer Science
- 4) Healthy breakfast, lunch, snacks, and take home meal prepared by UIW Nutrition students
- 5) Participation of middle and high school teachers in camp activities
- 6) Participation of at least 162 girls this summer
- 7) Support for GEMS Clubs during the academic year at participating middle and high schools

The GEMS program hosts free Science, Technology, Engineering, Arts, and Mathematics (STEAM) and Programming camps for middle and high school girls from Title I schools in San Antonio. The GEMS programs serve two segments of students. miniGEMS focuses on middle school girls in 6th to 8th grade and megaGEMS focuses on high school girls in 9th to 12th grade. Camp sessions are hosted on the campus of the University of the Incarnate Word (UIW) during the summer. Additionally, the program supports academic clubs for GEMS at participating middle and high schools throughout the academic year to sustain a continuous relationship with both GEMS teachers and their students. The program also provides financial and technical support for the girls in these Clubs to participate in FIRST Lego League Competitions annually.

GEMS includes transportation to and from the home school campus, healthy meals, and faculty-supervised STEM projects. The GEMS program provides breakfast, lunch, and snacks each day of the camp, which addresses issues around food scarcity and lack of nutrition due to lack of available food at home. Four miniGEMS STEAM camp sessions for middle school girls, two weeks each in length, will be hosted at UIW's main campus for a combined total of eight weeks between June 3 and August 2, 2019. A minimum of 104 middle school girls will participate over the four camp sessions for a total of 320 instructional hours. The programming curriculum will include an introduction to Scratch Programming, Python Scripting, and MATLAB Scripting. The Lego Mindstorm EV3 Robot will be used to reinforce the application of coding/programming to engineering projects. Various hands-on coding exercises and robotic challenge courses will be held throughout the two-week session to reinforce coding/programming concepts. megaGEMS will host two 2-week camp sessions and one 6-week research intensive camp session between June 17 and August 2, 2019. The goal of the megaGEMS STEAM and Programming Camp is to enhance learning in STEM topics that are aligned with TEA TEKS requirements in high school. Through the use of collaborative and applied learning techniques, project leaders will create a fun, dynamic learning environment unlike a traditional classroom. The 2-week STEAM camp sessions will be for high school freshmen and sophomores. The purpose of the megaGEMS camp sessions is to encourage girls to explore various careers in science and engineering through projects and computer programming activities. The 6-week research intensive camp session will be for juniors and seniors. The purpose of the 6-week camp is to allow participants a longer period to explore science and engineering through a faculty-supervised, hands-on research project that culminates in a presentation at the end of the six-week camp. A total of 58 high school girls will attend megaGEMS for a total of 400 instructional hours.

One innovative aspect of GEMS is the use of STEM teachers in planning and executing the camps. The purpose is to develop a camp specific to the needs of a particular community and school. The teachers work with the project director from the initial planning. They recruit the students, follow up with the parents, and help with classroom management. These teachers also host the miniGEMS and megaGEMS clubs at their schools. Requested funds will be used to pay for middle and high school STEM teachers, food, camp supplies, transportation and support for the school-based clubs starting in Fall 2019.

miniGEMS will be recruiting students and teachers from Tafolla Middle School, Rhodes Middle School, Davis Middle School, Brackenridge Elementary, Barkley-Ruiz Elementary and De Zavala Elementary in San Antonio ISD; Losoya and Matthey Middle School from Southside ISD, and Elolf Elementary from Judson ISD. megaGEMS will be recruiting from CAST Tech, Lanier, Jefferson, and Southside High Schools. UIW DOES NOT use the GEMS program to recruit for its undergraduate enrollment.

**Evaluation Plan:**

The GEMS program has pre and post surveys as part of the evaluation plan. The pre-survey is performed as part of the GEMS application process. The post-survey is performed on the last day of each summer camp. Follow-up surveys are performed throughout the academic year during the miniGEMS and megaGEMS Club and parent meetings. Daily surveys assess program effectiveness. The GEMS program has an assessment/evaluation staff from the UIW School of Education which develops the surveys, administers them, and assess and evaluates the data. Both qualitative and quantitative data is used in the evaluation. Currently GEMS measures student attendance, student GPA, and choosing the STEM Endorsement in High School as measures of program outcomes. The miniGEMS students' understanding of engineering greatly increased, along with understanding what courses to take in high school to prepare for a college engineering program.

**Plans to sustain project beyond the term of this request:**

The GEMS program is grant funded primarily through State of Texas and private sources. Each year the GEMS director applies for funding through the Texas Workforce Commission, San Antonio Area Foundation, and Rackspace. The GEMS program has an Advisory Board that provides additional assistance in identifying local donors. Our five-year goal is to increase the impact without reducing the quality of the program. Our goal is to seek multi-year funding so the Director and staff can better forecast planning and implementing the camps and clubs.

**Children Impacted:**

<b>How many unduplicated children will the TOTAL PROJECT INITIATIVE impact?</b>	<b>How many unduplicated children will NFF REQUESTED FUNDS impact?</b>
162	162

**Please provide the percentage of each group below that will be served by the project in which funds are being requested. Do not leave any area blank. If that specific group will not be served, include zero. The percentage should total 100%.**

<b>A. Population Served Age</b>		<b>B. Population Served Ethnicity</b>	
Infants (0-5)	0%	African American	9%
Children (6-13)	64%	Asian American	0%
Young Adults (14-18)	36%	Caucasian	3%
<b>TOTAL:</b>	<b>100%</b>	Hispanic/Latino	87%
		Native American	0%
		Other and Define	1%
		<b>TOTAL:</b>	<b>100%</b>

**City Council District for Which Children are Being Served:**

District1, District2, District3, District4, District5

<b>Line item Budget:</b>		
<b>Line Item Description</b>	<b>Total Project Funds Allocation</b>	<b>Najim Funds Allocation</b>
Personnel Salary/Wages	\$135,227	\$0
Supplies, T-Shirts, Awards and Certificates	\$11,200	\$6,000
Geekbus and Lab Resources	\$9,900	\$0
Food Costs	\$18,000	\$14,400
Shuttle Costs	\$12,000	\$4,000
Laptop Rentals and Printing	\$1,600	\$0
Middle School and High School STEM Teachers	\$53,715	\$26,858
AV Rental for Banquet	\$800	\$0
GEMS End of Summer Banquet	\$7,000	\$0
miniGEMS and megaGEMS Clubs Fall 2019	\$6,000	\$6,000
Geekbus for megaGEMS	\$6,400	\$0
Awards and Certificates for megaGEMS	\$1,000	\$0
GEMS Kitchen	\$1,000	\$1,000
UIW Indirect	\$13,658	\$0
<b>TOTAL:</b>	<b>\$277,500</b>	<b>\$58,258</b>

**OTHER FUNDING RESOURCES**

**For Project being Requested: Funding sources and amounts, pending and committed.**

**PROJECT - PENDING**

<b>Funder Name</b>	<b>Amount Requested</b>
Rackspace	\$12,000
<b>TOTAL:</b>	<b>\$12,000</b>

**PROJECT - COMMITTED**

<b>Funder Name</b>	<b>Amount Requested</b>
Texas Workforce Commission GMSP 2019	\$100,000
Texas Workforce Commission Camp Code for Girls 2019	\$100,000
San Antonio Area Foundation High School Completion Program	\$15,000
<b>TOTAL:</b>	<b>\$215,000</b>

**Other funding sources and amounts, pending and committed not specific to this request.**

**ALL OTHER ORGANIZATION REQUESTS - PENDING**

<b>Funder Name</b>	<b>Amount Requested</b>
	\$0
<b>TOTAL:</b>	<b>\$0</b>

**ALL OTHER ORGANIZATION REQUESTS - COMMITTED**

<b>Funder Name</b>	<b>Amount Requested</b>
	\$0
<b>TOTAL:</b>	<b>\$0</b>

**BOARD OF DIRECTORS**

**What percentage of your board contributes financially to the organization?**

100%

**If Board giving is not at 100%, please explain why?**

**How are board members expected to participate in your organization?**

The UIW Board of Trustees participate in UIW by facilitating philanthropic support for the university, providing institutional governance, evaluating the president's performance, and vetting/ratifying major initiatives,

**LIST OF BOARD DIRECTORS**

<b>Name &amp; Office Held</b>	<b>Corporate Affiliation</b>
Scott Beckendorf, Treasurer	Eastern Retail Services - Win Consultants
Michael Belz	Catholic Life Insurance
Charles Lutz, III, Chairman	Intercontinental Wealth Advisors
Jack Lewis, III, Vice Chair	Mission Restaurant Supply
Richard Schlosberg	Retired CEO of the LA Times
Sr. Yolanda Tarango	Sisters of Charity of the Incarnate Word
Sr. Teresa Stanley	Sisters of Charity of the Incarnate Word
Sr. Margaret Snyder	Sisters of Charity of the Incarnate Word
Bobby Rosenthal	Rosenthal Pauerstein Sandoloski Agather LLP
John Peveto	Peveto Companies, Ltd.
Susan Pape	San Antonio Express News
Sr. Teresa Maya, Secretary	Sisters of Charity of the Incarnate Word
Sr. Maricela Aquilar Martinez	Sisters of Charity of the Incarnate Word
Nancy Kudla	Kudla Family Foundation
Judge Ricardo Hinojosa	U.S. Southern Federal District Court of Texas
Gary Joeris	Joeris General Contractors, Ltd.
Winell Herron	H-E-B
JJ Feik, Jr.	Paradigm Management, LLC
Sr. Mary Henry	Sisters of Charity of the Incarnate Word
Veronica Edwards, PhD	InGenesis
Catherine Dulle	Careline Options, L.L.C.
Suzanne Cheever Gouge	Civic & Social Leader
Sr. Brigid Marie Clark	Sisters of Charity of the Incarnate Word
Sr. Martha Perez Curiel	Sisters of Charity of the Incarnate Word

**Signature**

