Museum of Long Island



516.627.9400 • WWW.SMLI.ORG • INFO@SMLI.ORG

June 22nd, 2022

2022-2023 RE-INVESTMENT PROPOSAL

Prepared for:
The SMLI Board of Trustees

By:
Kristen Laird
Executive Director

1526 N. Plancome Road
Manhasset, NY 11030

Science Museum of Long Island



516.627.9400 • WWW.SMLI.ORG • INFO@SMLI.ORG

June 22nd, 2022

2022-2023 BUDGET PROPOSAL

Prepared for:
The SMLI Board of Trustees

By:
Kristen Laird
Executive Director

1526 N. Plancome Road
Manhasset, NY 11030

Budget Proposal Outline



DESCRIPTION	TERMS	AMOUNT
Capital Improvement Strategy Plan - Cameron Engineering	1 time fee	$24,500.00
Launching A Breakthrough Fundraising Campaign - Heller Fundraising Consultants	3 Months	$23,850.00
New CRM Platform - Salesforce	Annual	$12,630 - $10,681
CRM Integration from Growthzome - Agile Cloud	1 time Fee	$28,710.00
	SUBTOTAL	$77,060.00

New Director of Education (Canidate - Frank S.)	Salary - benefits not needed	$80,000.00
Director of Development (To raise funds for capital campaign & drive fundraising - future cost to consider	Annual Salary -	$80,000.00
Live-In Grounds Keeper & Building Maintenance - Would like on the second floor of the - Believe I can get the County to cover the cost of additional salary	Annual Salary plus cost of subsidised rent	$30,000.00
New Full Time Teacher Salary (x4) - New Cost to consider in the fall	Annual	$40,500 - $45,500
New Teacher Hourly Rate	Hourly	$20.00

Museum of Long Island



516.627.9400 • WWW.SMLI.ORG • INFO@SMLI.ORG

June 22nd, 2022

CAPITAL IMPROVEMENT - STRATEGIC PLAN

Prepared for:
The SMLI Board of Trustees

Prepared By:
Cameron Engineering

1526 N. Plancome Road
Manhasset, NY 11030

May 13, 2022

Request for Proposal for

Facilities Utilization and Improvement Plan

for the

SCIENCE MUSEUM *of* LONG ISLAND

Prepared by CAMERON ENGINEERING & ASSOCIATES, LLP



SCIENCE
Museum of Long Island

CAMERON ENGINEERING

CAMERON ENGINEERING & ASSOCIATES, L.L.P.

177 Crossways Park Drive, Woodbury, NY 11797, (516) 827-4900
1411 Broadway, Suite 610, New York, NY 10018, (212) 324-4000
303 Old Tarrytown Road, 1st Floor, White Plains, NY 10603, (914) 721-8300

Active Member of ACEC New York, NYBC

Managing Partner
John D. Cameron, Jr., P.E.

Senior Partner
Joseph R. Amato, P.E.

Partners / Principals
Mark Wagner, CEP
Janice Jijina, P.E., AICP CEP
Nicholas A. Kumbatovic, P.E.
Michael J. Hults, P.E.
Andrew L. Narus, P.E., CCM

Associate Partners
Richard J. Zapolski, Jr., P.E.
Stephen Hadjiyane, P.E., BCEE

Senior Associates
Glenn DeSimone, P.E., CPE
Michael A. De Giglio, R.L.A.

Associate
Sarah Oral, P.E.

May 12, 2022

Science Museum of Long Island
1526 N. Plandome Road
Manhasset, NY 11030

Attn: Trustee Corinne Michels, PhD.

Re: Proposal for a Facilities Utilization and Improvement Plan
Science Museum of Long Island

Dear Trustee Michels:

Cameron Engineering & Associates, LLP (Cameron Engineering) is pleased to submit five hard copies and one electronic copy via email of our Proposal for professional Planning, Architectural, and Engineering services to prepare a Facilities Utilization and Improvement Plan on behalf of the Science Museum of Long Island

Cameron Engineering has assembled a team of planning, engineering, and architecture practitioners whose expertise aligns with the objectives of this Request for Proposals. As this proposal demonstrates, our team is uniquely qualified for this opportunity, having prepared master plans of similar scope and intent for the Sisters of St. Joseph Campus in Brentwood and Sacred Heart Academy in the Town of Hempstead.

As Partner-in-Charge, I will be principally responsible for administering the overall project—participating from project kick-off to completion. Michael Keane, AICP, will serve as Project Manager. Michael has the requisite expertise in managing a broad spectrum of master planning projects, including comprehensive plans for local municipalities and counties, community visioning studies, and site-specific master plans.

The Cameron Engineering team is excited about the opportunity to work with the Science Museum of Long Island on this important project. Should you have any questions or require additional information, please feel free to contact me via email at rzapolski@cameronengineering.com, or by phone at 516-224-5290 (office) or 516-250-3535 (cell).

Very truly yours,

Richard J. Zapolski

Richard J. Zapolski, Jr., P.E.
Associate Partner

TABLE OF CONTENTS




Section 1 - Description of Proposal Team

- Firm Overview
- Awards and Recognitions
- Subconsultant

Section 2 - Relevant Experience

Section 3 - Proposed Scope: Concept, Methodolgy, Approach and Tasks

Section 4 - Proposed Organization Chart and Roles of Key Staff

Section 5 - Resumes of Key Staff

Section 6 - Reference Contacts

Section 7 - Project Schedule for Proposed Tasks



Section 1 - Description of Proposal Team

Description of Proposal Team

Firm Overview

For more than 37 years, Cameron Engineering has been providing full service multi-disciplined consulting engineering and planning services in the New York metropolitan area.

Founded in 1985, the Firm is comprised of experienced and qualified engineers, landscape architects, planners, facility operators, and environmental scientists dedicated to providing professional, timely and responsive services to clients. Cameron Engineering has a staff of over 100 employees including 34 licensed Professional Engineers licensed, two Registered Landscape Architects and four Members of the American Institute of Certified Planners.

Operating from offices in Woodbury, Manhattan, and White Plains, the Firm possesses a diversified range of experience in various facets of municipal, institutional, educational, commercial, industrial and environmental engineering. Cameron Engineering is committed to utilizing softer and greener approaches wherever possible to minimize environmental impacts, maximize energy efficiency, reduce costs, and provide pleasing aesthetics. Our Engineering techniques are innovative as we are constantly learning new technology resulting in an enriched understanding of the buildings in which clients live and work.



Cameron Engineering's principal areas of expertise include:

- Civil Engineering
- Site Development
- Landscape Architecture
- Planning & Environmental Engineering
- Mechanical & Electrical Engineering
- IT/AV & Security Engineering
- Structural Engineering
- Transportation Engineering
- Sustainable Design and LEED
- Water & Wastewater Engineering
- Construction Management Services



Educational facilities play a large part of Cameron Engineering's design work. Offering highly skilled and capable staff with substantial educational facility experience, the firm has a proven track record in delivering quality projects on time and within budget under difficult operating environments. With a thorough understanding of the dynamics associated with designing and executing educational facility projects and the extensive experience offered by its team, Cameron Engineering has a large portfolio of completed projects on university and community college campuses.

This experience contributes significantly to the firm's ability to design systems that are upgradeable, maintainable and cost-effective to reconfigure, thus providing a high degree of flexibility essential for educational clients- for renovation and new construction projects. Cameron Engineering understands the usage needs of campuses, how to phase projects to keep schools operational, and how environmental conditions affect learning.



Awards and Recognitions

ENR Engineering News-Record

Ranked Nationally Among ENR's "Top 500 Design Firms"

LIBN 2018 Top Engineering Firm in Long Island

by Long Island Business News

ACEC Award Recognitions

Since 2000

9 Diamond Awards

12 Platinum Awards

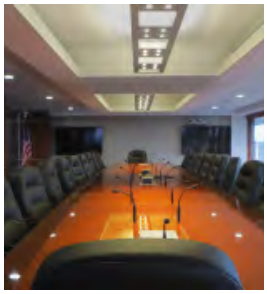
26 Gold Awards

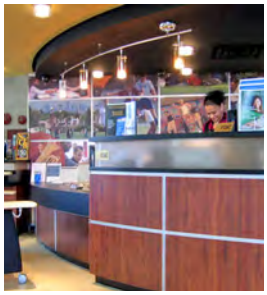
18 SIlver Awards

Subconsultant

Hoschler • Graziosi
ARCHITECTS

Located in Oyster Bay, NY, Hoschler Graziosi Architects is a full service architectural firm that accommodates many areas of practice. Their industry expertise spans the gamut from commercial properties to high-end homes to banks, food courts and beyond. Their staff includes highly trained architects, designers, draftspersons and engineers, and they pride themselves on the ability to draw from these skill sets and provide a full-service experience for their clients.





As the Architect for this Facilities Utilization and Improvement Plant, Hoschler Graziosi understand the pre-design phase of an architectural project is extremely important but often overlooked. During Pre-design, goals are outlined and project parameters set. It is also the time to identify potential problems and pitfalls, along with community concerns and a variety of other details that will inform the design process. Pre-design considerations are thoroughly researched, documented and incorporated within the project documents.

Pre-design concerns include:

- Establishing the client's goals or dreams
- Style considerations
- Space planning and functionality requirements
- Building Program
- Analysing the project budget
- Setting a preliminary project schedule
- Preliminary site / climate analysis
- Preliminary code research
- Environmental & community concerns
- Accessibility considerations
- Planning for views







Section 2 - Relevant Experience on Similar Projects

Relevant Experience

Familiarity with Grant Applications- Long Island, New York

Recognizing the need for a major capital program to refurbish some portions of the facilities and to create an integrated campus for educational programs, it is necessary to provide a professional plan which would clearly define SMLI'S vision and to show a broad scope master plan.

Cameron Engineering has this expertise to provide a cohesive master plan that allows SMLI to realize its full potential (revenue growth and increases in services to the community) through improvements to and better utilization of its existing facilities and other assets.

Cameron Engineering regularly prepares grant applications on behalf of municipalities and private entities to secure funding for project implementation. This includes (i) Federal funding through the U.S. HUD Community Development Block Grant (CDBG) and U.S. DOT Rebuilding American Infrastructure with Sustainability and Equity (RAISE) / Transportation Investment Generating Economic Recovery (TIGER) programs, and (ii) State sources within the NYS Consolidated Funding Application (CFA) Program. In addition, Cameron's role as a regional Clean Energy Coordinator has secured approximately $1.8 million in grants for New York State municipalities. In total, grant applications prepared by Cameron have resulted in millions of dollars of funding for a wide range of infrastructure and public improvement initiatives.

The Firm has been very successful in obtaining State Bond Act grants to assist facilities in implementation of their respective improvements. We can also assist municipalities in applying for and managing low interest loans from New York State agencies as well as State Bond Act grants.

Cameron Engineering has excellent success in preparing grant applications that result in funding. The following is a list of successful grant applications awarded to the entity indicated. Cameron Engineering either prepared the grant or assisted the municipalities in preparing the grant. The total value of these grants is approximately $25,000,000.







GRANT APPLICATIONS

Nassau County and Various Cities, Towns and Villages throughout Long Island

The following grants, prepared by Cameron Engineering, were awarded to the entity indicated. The firm also has experience with environmental grant programs offered by the following agencies: EPA (Brownfields, Wetlands, Watersheds, etc.), DOA (WHIP, Wetlands Initiative) NOAA (Fisheries, Restoration), DOT (TEA21), Land and Water Conservation Fund, National Fish and Wildlife Foundation, and others.

Community Enhancement

- Town of Oyster Bay Western Waterfront (prepared jointly with Town) $ 5,000,000

Clean Air/Clean Water Bond Act

PARKS

- Town of Oyster Bay Western Waterfront $ 350,000
- Nassau County Hempstead Lake System $ 500,000
- Nassau County- Massapequa Creek Preserve $ 1,300,000
- Town of Huntington – Mill Dam Pond $ 1,900,000
- Village of Lloyd Harbor – Fiske Pond $ 269,000

WASTEWATER TREATMENT

- City of Glen Cove – STP Biological Nutrient Removal Upgrade $ 3,378,750
- City of Glen Cove – UV Disinfection System $ 1,200,000
- West Long Beach Sewer District $ 516,000
- Belgrave Water Pollution Control District – Biological Nutrient Removal $ 2,900,000
- Belgrave Water Pollution Control District – Biological Nutrient Removal $ 1,237,300
- Village of Greenport – Phase I Facility Improvement $ 595,000
- Village of Greenport – Ultraviolet Light Disinfection $ 459,000
- Village of Greenport – Biological Nutrient Removal $ 1,075,000
- Village of Lawrence – Biological Nutrient Removal $ 1,040,000
- Belgrave Biological Nutrient Removal Technology Pilot Study $ 110,000
- Belgrave Pilot Biological Nutrient Removal Continuation $ 50,000

ENVIRONMENTAL PROTECTION FUND

- Town of North Hempstead – Roslyn Pond $ 91,000
- Town of Oyster Bay Western Waterfront- Wetlands $ 850,000
- Town of North Hempstead – Mill Dam Pond $ 1,012,000
- Village of Port Washington North – Bay Walk Park $ 165,000
- Village of Valley Stream – Aquatic Habitat Restoration $ 187,500

ENERGY RESEARCH AND DEVELOPMENT AGENCY

- Newsday – Biological Nutrient Removal – Innovative Technology $ 250,000
- Village of Greenport Biological Nutrient Removal – Innovative Technology $ 250,000

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

- Village of Port Washington North – Local Safe Streets/Traffic Calming $ 280,000

Others include:

Sisters of Saint Joseph - Green Innovation Grant Award Project - Brentwood, Town of Islip, New York - Landscape Architecture & Civil Engineering Services

Village of Manorhaven- CDBG Grant Force Main Replacement - Sewer Channel Crossing; Nassau County CDBG Grant, Sanitary Force Main : Nassau County CDBG Grant, Orchard Beach Blvd Drainage Improvements: FEMA HMGP (In progress)

Village of Malverne Drainage Grant- Water Quality Improvements

In the pages to follow, you will see our projects at similar organizations, facilities and sites that will help to visualize the potential of the campus at the Science Museum of Long Island.

The Waldorf School – Early Childhood Natural Play Area

Garden City, NY



Client:
The Waldorf School of Garden City
225 Cambridge Avenue
Garden City, NY 11530

Reference:
Susan Braun
516-567-0960

Project Cost:
$500,000

Completion Date:
2019

Key Features:

- Utilization of Natural Materials
- Inclusive/Accessible Play
- Design Facilitates Free Play
- Mud Kitchens
- Fairy Garden
- Performance Stage
- Custom Arbors and Pergola
- Real Timber Log Tunnel
- Preservation of Existing Trees
- Constructed within Summer Recess
- Porous Pavement
- Security Fencing & Access

Cameron Engineering Services:

- Landscape Architecture
- Civil Engineering
- Permitting
- Bid Phase and Review
- Construction Administration
- Construction Management

The Early Childhood Play Area at The Waldorf School of Garden City incorporates the schools fundamental learning principles emphasizing free play within the natural environment. The entire area and individual spaces are recognized as an extension of the classrooms they serve. The play area facilitates the schools need to accommodate four classes simultaneously, incorporating a central feature to maintain two classes on either side. The solution included a cedar stage and pergola as the central axis. Each side was provided with similar but varied types of play equipment.

A key feature was providing the children with a sense of elevation and height. This sensation was accomplished by incorporating 4'-5' tall landscaped berms accentuated with natural Long Island boulders, which the slides were recessed into. Together, the existing tree canopy, berms and landscaped permitted provide the children a pallet which to create and develop activities of their own inspiration.

By using nontraditional play equipment, and decomposed granite paths, accessibility was achieved without incorporation of standard ramps. Consistent with the goals of inclusive play for children of all abilities, this removes stigma and barriers as the equipment is accessible in the same manner to all the children within the play area. The decomposed granite paths also provide a meandering surface for the children to ride pedal carts and wagons.

The play area is frequently dotted with kitchen utensils, pots and pans as the children express their creativity in the multiple mud kitchens by mixing soil, sand and the decomposed granite surfacing together. The cedar stage serves as the central location of the children's improv theatrical and musical productions.







CAMERON ENGINEERING

Master Planning Study for the Barn at the Sisters of St. Joseph Campus

Brentwood, NY



Following up on the Master Plan created for the entire campus, The Sisters of St. Joseph contracted with Cameron Engineering in the preparation of a Master Planning Study focused on their Barn which will provide the "road map" for prioritizing projects, and fundraising/grant writing efforts. The Barn is the hub of the CSJ Garden Ministry and offers the community organic food and opportunities to learn about agriculture and sustainability. The goal of the Master Plan is to transform the Barn into a model of sustainability to reflect its functions more appropriately for agricultural program facilitation, education programming, and resource efficiency. In addition to reviewing potential high efficiency upgrades to the HVAC equipment, plumbing, lighting, envelope, and windows, the project recommendations will be reviewed for the possibility of Net Zero Energy Consumption. Working with Cameron Engineering, Empower Solar is investigating the possibility of installing a rooftop solar PV system on the roof of the neighboring maintenance building. This system will be the primary energy source used to offset energy consumed by the building.

Among other items, the projects listed in the Grant Application included an Educational Program Expansion, and included a Teaching kitchen, Classroom space and investigating town codes and potential for each space including loft area and appropriate loft access. Additional items listed were Agricultural Program Facilitation, Conversion to Green Energy, Stormwater Catchment System.

The Master Plan Study is the ideal process to plan, prioritize and implement a series of projects ranging from immediate ("quick-win") projects, near term (2-3 years) projects and long term (5-10 year) projects. The master plan details, will provide the jump start to fund-raising campaigns, design concepts/approaches and costing budgets to guide implementation strategies.

Our work includes documentation of existing conditions as well as research and review of extant archival documents. The Report summarizes utilizing the Campus' existing Master Plan and other planning documents, create a physical plan that echoes the fiscal and organizational goals of the Sisters and the Community. As the space strategy study progressed, we presented the data and other information compiled in graphic, tabular and written form.

Owner:
Sisters of St. Joseph
1725 Brentwood Road
Brentwood, NY 11717

Reference:
Sr. Karen
631-273-1187

Completion Date:
2022

Key Project Features:
- Master Plan of Barn and Surrounding Area
- Adaptive Re-Use of Barn and Silos
- Porous Pavements
- Stormwater Reuse for Farm/Garden Irrigation
- Public Educational and Classrooms
- Phased Implementation
- I/A Sanitary System

Cameron Engineering Services:
- Facilitate Stakeholder Meetings
- Master Plan
- MEP/FP/Structural Engineering
- Civil Engineering
- Landscape Architecture
- Cost Estimating
- Grant Procurement Support





CAMERON ENGINEERING

Sacred Heart Academy – Master Planning Study

Hempstead, NY



Sacred Heart Academy (SHA), Long Island's Preeminent All-Girls Catholic High School, requested Cameron Engineering perform a master planning study to help to inform fund raising needs and prioritize projects. SHA as a leader in educational and sustainable practices.

The scope of the study included an analysis of SHA's existing campus with the goals of better utilizing existing building space, particularly classrooms and educational learning areas, examining the current campus for growth opportunities, studying the gymnasium to support growing athletics needs, and projecting the costs and needs of a renovation and upgrade to the existing theatre.

As part of the study, Cameron Engineering with Architects HLW, aligned strategic educational and pedagogical needs with proposed classroom, administration, athletic, performing and fine arts, and meeting spaces. The proposed plan included LEED Design principles, renewable energy and high efficiency HVAC and lighting equipment and controls, indoor air quality technology, water consumption reduction and other sustainable design concepts to reduce energy consumption, promote healthful and supporting learning spaces, and reinforcing

Additional services provided at the campus included the construction of a new Maintenance Garage to serve the Buildings & Grounds staff of SHA. The Maintenance Garage plans included mechanical, electrical, plumbing, fire alar and smoke alarm design, and structural engineering contract documents.

Other campus renovations include site/civil enhancement dedicated to vehicular and pedestrian circulation throughout the campus, and an athletic complex that included a Multi-Purpose Synthetic Turf Field, an All Weather Resilient Running Track and a Natural Turf Practice Field with High Performance Irrigation and Subsurface Drainage Systems.

All components of the Campus Master Plan included "Green Technologies" including Bio Swales and Rain Gardens for pretreatment of storm water runoff, LED Lighting Fixtures and the use of synthetic turf to reduce the demand on water resources as well as reduce the use of herbicides and pesticides.



Owner:
Sacred Heart Academy
47 Cathedral Avenue
Hempstead, NY 11550

Reference:
S. Jeanne Ross
516-483-7383

Project Cost:
$4.5M

Completion Date:
2013, 2020

Key Project Features:

- Masterplan Study
- New Athletic Complex
  - Synthetic Turf Multi-Purpose Field (Soccer/Lacrosse)
  - All Weather Running Track
  - Scoreboard, Spectator Area, Site Furnishing Section
  - Natural Turf Field with High Performance Irrigation and Drainage Systems
- Green Infrastructure Design
  - Rain Gardens
  - Bio Swales
  - LED Lighting
  - Synthetic Turf
- Improved Traffic Circulation and Dedicated Pedestrian Walkways
- New Campus-wide Parking
- Campus-wide Utility Upgrades
- New Maintenance Garage

Cameron Engineering Services:

- Civil Engineering
- MEP Engineering for the Maintenance Garage
- Landscape Architecture
- Performed Construction Administration Services
- On-site Construction Management and Observation





CAMERON ENGINEERING

Western Waterfront Park -Initiative to Cultivate and Propagate Oyster Seedlings

Oyster Bay, New York

The Town of Oster Bay agreed to install the infrastructure necessary to support The Bayman Associations initiative to cultivate and propagate oyster seedlings in their flupsie system. The oysters once mature are released by The Baymans Association into Oyster Bay Harbor for water quality and commercial/recreational purposes.

Cameron Engineering prepared the necessary project improvement drawing package featuring the installation of one-hundred and sixty (160) feet of floating dock, eighteen (18) piles, and sixty (60) feet of gangway. An important concern of the Town was the ability to quickly disconnect the floating docks and tow them onto land in the event of a storm or Nor'Easter. In addition to an innovative quick connect/disconnect system, the project included an extensive electrical upgrade and marine meeting system.



Owner:
Town of Oyster Bay
Department of Parks & Recreation
54 Audrey Ave
Oyster Bay, NY 11771

Project Cost:
$650,000

Completion Date:
November 2021

Key Project Features:
- Integrated floating dock system
- Electric & water marine stanchions
- Gangway & security gate
- Docking access
- Attachments for flupsies

Cameron Engineering Services:
- Civil Engineering
- Structural Engineering
- Electrical Engineering
- Landscape Architecture
- Construction Administration
- Construction Observation
- SEQR
- NYSDEC Permitting including USACE, NYSDOW, and US Coast Guard

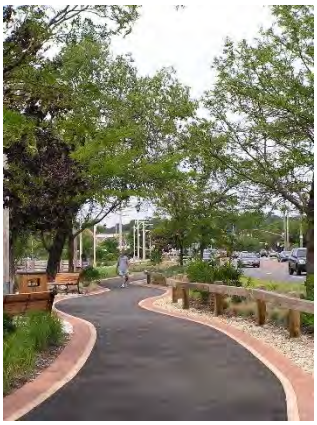


CAMERON ENGINEERING

Bay Walk Park – Phases I and II

Port Washington North, NY





The Local Waterfront Revitalization Program grant application by the firm made $165,000 available for site analysis, planning, public participation and engineering design for Bay Walk Park. The project Steering Committee of civic, environmental, and business representatives and local, state, and federal officials guided the open and inclusive public planning process. The Master Plan process integrated input from citizens, civic and environmental groups, municipal entities, regulatory agencies, and the larger community of potential park users throughout the Port Washington Peninsula. The approved park Master Plan includes the rehabilitation of a pier for fishing and boating, a shoreline walkway, seating, lighting, interpretive signage, a kayak launch, natural material play areas, and shade sails with seating and tables. The project also involves the restoration and stabilization of 1,800 feet of shoreline with native coastal plantings and new bulkheading. The project links several Villages plus Town and County-owned waterfront property.

Cameron Engineering provided comprehensive multidisciplinary engineering (civil, site, transportation, structural and electrical) and planning services to the Village of Port Washington North for the 1,800 linear feet shoreline Bay Walk Park from the initial Master Plan Phase (2006) through the design and construction of Phase 1 (2010) and the design of Phase 2 (2014-2015).



Engineering scope for Phase 1 included shoreline stabilization and tidal wetlands re-vegetation, pier rehabilitation, utility infrastructure services for the water supply, electrical, multi-use walkway/trail (i.e., bicycling, rollerblading, walking, etc.), streetscape treatment providing protective timer steel-enforced guiderail, site lighting, interpretive signage, and artwork and nature planting design.

Regulatory approvals for Phase 1 included NYSDEC, USACOE, NCDPW, NCDH, and the Village of Port Washington North. Phase 2 engineering scope, completed in 2015, includes a kayak launch, parking/drop-off area, multi-purpose shoreline plaza area with shade sails and naturalized play area.

During Phase 2, Cameron Engineering provided comprehensive engineering design and construction phase services to the Village of Port Washington North to add an intersection approach and walkways for Bay Walk Park on Shore Road. Our office progressed the project from the initial Master Plan Phase to construction and design.

A key project component was to provide Complete Streets features for access and safety such as ADA-compliant pedestrian ramps and hand/man signals with countdown timers.

Owner:
Village of Port Washington North
71 Old Shore Road
Port Washington, NY 11050

Reference:
Robert Weitzner
516-883-5900

ACEC New York Engineering Excellence Awards SILVER

Project Cost:
$4,300,000

Completion:
Phase I: 2010, Phase II: 2015

Key Project Features:
- Extensive community involvement
- Preservation of natural shoreline
- Active and passive components
- Inter-municipal cooperation
- Low impact design

Cameron Engineering Services:
- Grant preparation
- Site analysis
- Public participation planning
- Master planning
- Site engineering







CAMERON ENGINEERING

Spring Hill Farms

Old Westbury, NY



Owner:
Kean Development
Cold Spring Harbor, NY

Reference:
John Kean, Kean Development

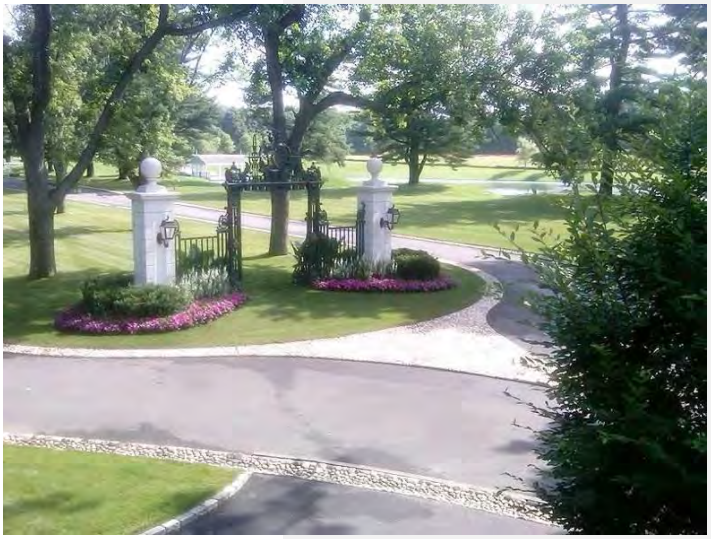
Project Cost:
$75,000,000

Key Project Features:
- Conservation Subdivision Plan
- Innovative Storm Water
- Management
- Traffic Signal
- Modification/Upgrades
- Open Space Preservation
- Preservation of Estate Character

Cameron Engineering Services:
- Master Planning
- SEQR
- Civil Engineering
- Site Engineering
- Transportation Engineering
- Landscape Architectural Services

To prepare the distinctive Gold Coast Estate character of the 150-acre Phipps Estate, Spring Hill Farms was planned and engineered as an Estate Conservation Subdivision consisting of 22 estate lots with lot sizes ranging from 4-10 acres. Preservation efforts included maintaining the Gatehouse, Greenhouses and ornamental entrance gates. The development entrance area includes a six-acre lake and boathouse within 12-acres of open space. The subdivision roads were built with stone gutters in keeping with the original Gold Coast Estates.







CAMERON ENGINEERING

Oyster Bay Cove Police Department

Oyster Bay, *NY*



The Oyster Bay Cover Police Department wished to renovate and expand their headquarters. Cameron Engineering provided mechanical, electrical, plumbing, and fire protection engineering design.

The scope of work involved adding onto the rear of the building to accommodate for new men's locker rooms and showers. The scope of work also included renovating the existing showers and locker room for a women's locker room. Cameron Engineering provided a high-efficiency VRF mini-split air conditioning system for the building as well.

Cameron Engineering also provided civil/site/landscape architectural services.



Owner:
Inc. Village of Oyster Bay Cove
68 West Main Street
Oyster Bay, NY 11771

Client:
Beatty Harvey Coco Architects, LLP
1300 Walt Whitman Rd
Melville, NY 11747

Reference:
Salvatore Coco
Beatty Harvey Coco Architects, LLP
212-213-1339

Project Cost:
$900K

Completion Date:
2016

Cameron Engineering Services:
- M/E/P/FP Engineering
- Civil/site Engineering
- Landscape Architecture

Suffolk County Educational and Interpretive Center

East Setauket, NY



Owner:
Suffolk County Department of Public Works
335 Yaphank Avenue
Yaphank, NY 11980

Project Cost:
$1.8M

Key Project Features:
- High efficiency split systems for heating and cooling
- High efficiency domestic hot water heater for domestic hot water
- Plumbing design including domestic water and sanitary systems
- Electrical design including lighting, power and data/tele cabling systems
- Fire sprinkler and fire alarm systems
- Site utilities, site and landscaping design to minimize disturbance for wetland protection

Cameron Engineering Services:
- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Fire Sprinkler Engineering
- Civil Engineering
- Site Planning
- Landscape Architecture

Situated at the Scully Estate, The Greenways Interpretive Education Center is housed in an existing 13,000 GSF private residence designed by turn-of-the-century architect Grosvenor Atterbury in 1917.

The estate sits on 80 acres of property that includes 50 acres of wetlands. Cameron Engineering provided LEED charette services, a LEED Feasibility Study and LEED engineering under New Construction and Major Renovations (NC 2.1) for the mechanical, electrical, plumbing and site related systems, including the wetlands. Included are identification of acceptable LEED systems and/or concepts proposed for the project with associated credit points, base building modeling, preliminary analysis and recommendations and preliminary construction budget cost estimate to compare with base building projected costs.

The Interpretive Center is currently a USGBC/LEED Registered Project.



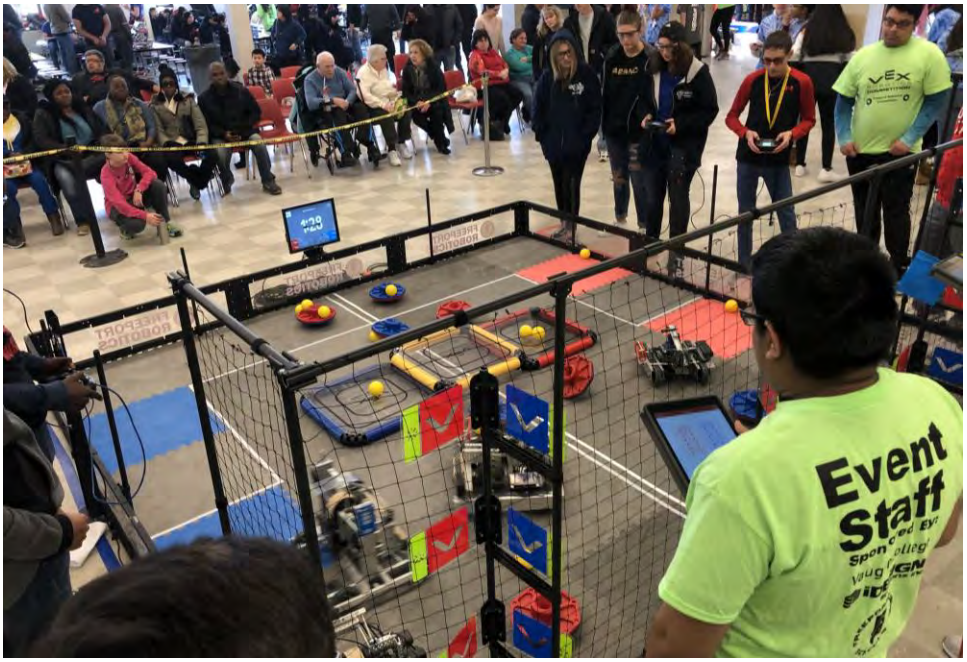




CAMERON ENGINEERING

Community Outreach
Science, Technology, Engineering, Math (STEM) Education

Various Locations, Long Island, NY









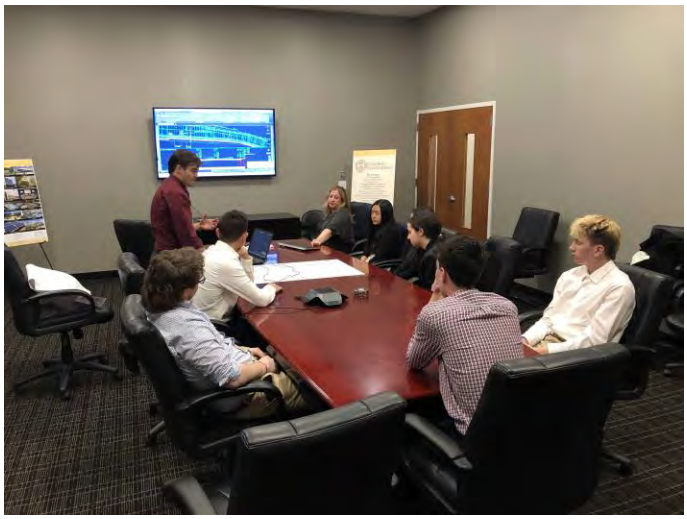
Large construction projects have lasting effects on the communities that they seek to improve. We believe that we owe it to our communities to provide meaningful outreach to educate the generations to come about what is going on in their communities but also give them strategies and insights on how to pursue careers in these fields for themselves. As a part of this belief, Cameron Engineering and its staff take part in both formal and informal STEM Education programs within our local communities, and sponsor and participate in local STEM competitions and career/college events. In addition, we currently have several staff members that are or have recently taught classes at local universities, and colleges.

Cradle of Aviation STEM Career Day - Cradle of Aviation Museum -November 2018
As part of the Cradle of Aviation's 2018 STEM Career Day, engineering staff from Cameron Engineering exhibited and spoke to nearly 300 Long Island High School and Middle School Students about the benefits of a Career in Engineering.



LI STEM Hub Career Conversations Night - Long Island STEM Hub
October 2018

As part of the Long Island STEM Hubs 2018 Career Conversations Night, engineering staff from Cameron Engineering exhibited and spoke to nearly 200 Long Island High School and Middle School Students about the benefits of a Career in Engineering. Managing Partner, John Cameron presented on Engineering Careers.



Freeport VEX Robotics Competition - Freeport High School
February 2019

As part of Freeport High School's 2019 VEX Robotics Competition, engineering staff from Cameron Engineering judged this year's event consisting of over 30 teams of Long Island High School and Middle School Students

Freeport HS Career Day - Freeport High School - March 2019

As part of Freeport High School's 2019 Career Day, staff from Cameron Engineering participated in a Career Day to discuss career paths, educational opportunities and the intricacies of a STEM based education and Engineering Career.

Commack HS Shadow Day - Commack HS - April 2019

As part of Commack High School's 2019 Career Day, staff from Cameron Engineering welcomed students into our offices to give the students a hands-on view of "A Day in the Life" of an engineer. Topics discussed included STEM careers, engineering education, sample projects, and software of the trade.









Winters Center for Autism

West Babylon, NY



Owner:
Winters Center for Autism
92 Mahan Street
West Babylon, NY 11704

Reference:
Christine Ponzio
Executive Director
516-301-3531

Project Cost:
$10M

Completion Date:
2021 Demolition begun
2022 Anticipated Completion

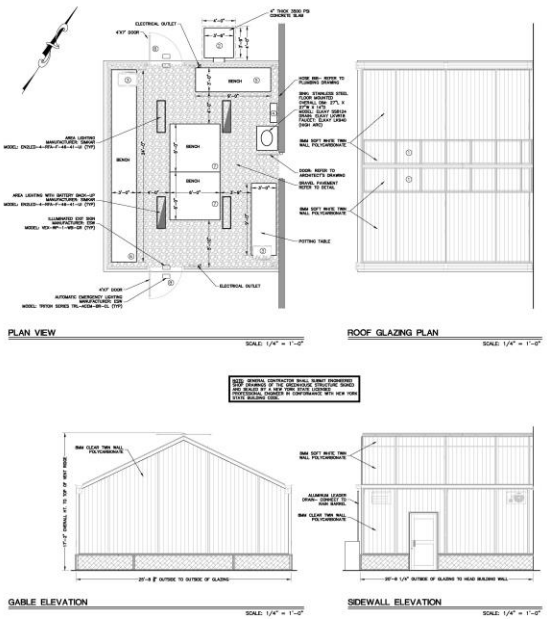
Key Project Features:
- Multi-Purpose Indoor Vocational Training
- Greenhouse Vocational Training
- Outdoor Horticulture Vocational Training
- Rainwater Harvesting
- ADA Accessible Features
- Water Feature
- Functional Deli Food Preparation & Sales

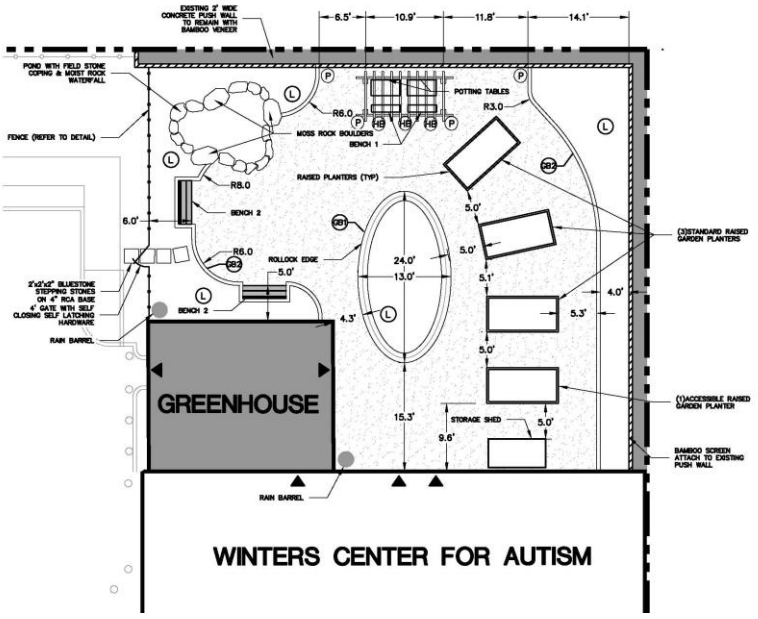
Cameron Engineering Services:
- Greenhouse Design
- Landscape Architecture
- M/E/P Engineering
- Structural Engineering
- Bid Phase Services
- Construction Administration

The Winters Center for Autism is a 21,000 SF facility providing vocational training that will help prepare young men and women with autism a place in the workforce. The facility will feature separate rooms set up as a warehouse, office, food service and horticulture uses providing real-life training and expectations. The facility allows the young men and women to use equipment, engage in social interactions and hear sounds that can be expected at each respective employment opportunity.

Central to the facility and its training program is a functioning garden and greenhouse feature. The garden will feature a pond with waterfall, aquatic plants, fish as well as raised garden beds to grow vegetables / flowers as well as ADA accessible commercial potting stations.

The greenhouse is designed consistent with commercial features and controls, providing users a realistic sensory environment of temperature, materials, plants, and equipment. Constructed of aluminum framing and polycarbonate glazing, the greenhouse features automated temperature controls, natural gas heating, two forms of ventilation, and a variety of commercial equipment tables including those that are ADA accessible.





CAMERON ENGINEERING

Catholic Cemeteries of Long Island: Queen of Peace Cemetery

Old Westbury, NY



Owner:
Catholic Cemeteries of Long Island
PO Box 182
Westbury NY 11590-0182

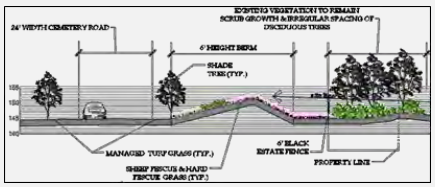
Reference:
Richard C. Bie, President/CEO
516-334-7990 x 1110

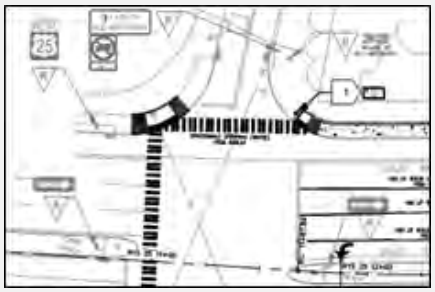
Project Cost:
$500K+

Completion Date:
Ongoing

Key Project Features:
- Site Master Plan, including Drainage, Utilities, and Landscaping
- New York State and Village Permitting

Cameron Engineering Services:
- Civil Engineering Site Plans
- Grading and Drainage Plans
- Construction Phasing Plans
- Pavement Marking and Signage Plans
- Traffic Signal Modification Plans
- Signal Interconnect Plans
- ADA-Pedestrian Ramp Retrofits
- Municipal Permitting
- Cost Estimates
- Construction Phase Services





Cameron Engineering has been performing civil engineering, landscape architecture and SEQR / Land Planning services for the Diocese of Rockville Centre (Diocese) specifically associated with securing approvals with the Village of Old Westbury for the above referenced project. Most recent, Village approval drawings were distributed for contractor bidding purposes which were defined as Phase 1a and Phase 1b scope.

The project is to develop a 97.3-acre property into a Catholic cemetery, including construction of on-site improvements and the access to NYS Route 25 (Jericho Turnpike). The site was designed with right-turns-only access on Jericho Turnpike, traffic signal improvements and ADA-pedestrian retrofits at the adjacent intersection (Jericho Turnpike at Powells Lane), signal interconnect improvements, on-site utilities and stormwater management, and landscaped berms and buffers to local streets. The campus master plan included extensive landscaping and green stormwater management and buffers to fit the residential context of the property.

Off-site engineering plans were required to apply for New York State Department of Transportation (NYSDOT) permits for access to Jericho Turnpike.

Cameron Engineering prepared engineering cost estimates for the work on- and off-site; issued the plans for public bidding; and reviewed the contractor bids and made a contractor recommendation on the owner's behalf. Other construction administration tasks included shop drawing review and RFI reviews and responses.

Cameron Engineering also obtained the State DOT Highway Work Permit, the State DEC Well Drilling Permit, and Village Building and Demolition permits

1. New York State Department of Transportation (NYSDOT) – Jericho Turnpike Highway Work Permit
2. Nassau County Department of Health (NCDH) – On-site Sanitary Disposal
3. Village of Old Westbury Water Department – Water Supply
4. Utility services coordination for natural gas, electric and communications
5. Irrigation water supply wells and temporary irrigation for berm plantings and related services
6. Pond Restoration / Aeration
7. Phase 1b – Completion of civil engineering and landscape architecture for bidding and construction implementation purposes.

CAMERON ENGINEERING

Van Bourgondien Park – Master Plan for Park Improvements

West Babylon, NY



Owner:
Town of Babylon
Department of Public Works
Buildings & Grounds Division

Reference:
Mr. Vincent Piccoli
vpiccoli@townofbabylon.com

Project Cost:
$600,000 Initial Phase
$1,100,000 at Full Build Out

Completion Date:
Spring 2019 – Initial Phase

Key Project Features:
- Public Plaza
- Shade Pavilion
- Entrance Wall
- Recognition of Sites Historical Significance
- Increased Parking Efficiency
- Rain Garden
- Intersection & Road Realignment
- Roadway Drainage Improvements
- Playground Design
- Fitness Trail
- Fitness Equipment
- Phased Implementation

Cameron Engineering Services:
- Master Planning
- Landscape Architecture
- Civil Engineering
- Traffic Engineering
- Neighborhood Planning
- Construction Management
- Construction Administration

Cameron Engineering has provided the Town with integrated multi-disciplinary services for the historic Van Bourgondien Park. Once the site of the Van Bourgondien family bulb propagation, the property is currently owned by Suffolk County and maintained by the Town of Babylon. Services included master planning of the various improvements located throughout the park, while not impacting the efficiency or usability of the parks heavily utilized athletic fields.



An integral aspect included was a phased implementation, permitting the Town to achieve all the community goals while cognizant of the available budget. An important community concern was the awkward angle of Albin Avenue, which encouraged high speeds an unusually long distance for pedestrians to cross it. Included in the re-alignment were drainage improvements and extension of sidewalk on Arnold Avenue.

Respective of the historic significance of the property, the entrance walls were detailed to match the texture and colors of the former home still utilized on the site. A large public plaza and entrance treatment were sited framing the alignment around the new playground and associated features. Over a half mile multi-purpose trail with fitness stations is included, which meanders around the existing athletic fields and through the remaining wooded area.



CAMERON ENGINEERING

St. John's University Campus – Landmark Conservation Master Plan

Oakdale, NY



Cameron Engineering developed a Landmark Conservation Master Plan Concept for the 170-acre St. John's University Oakdale campus property. The overall redevelopment plan would convert the institutional campus into a mixed-use development providing a mix of cultural, educational and entertainment activities to complement varied residential uses.

Owner:
Patriot Equities
1200 Liberty Ridge Drive, Suite 115
Wayne, PA 19087

Reference:
Patrick Barton

Project Cost:
$3M

Key Project Features:

- Preservation of Landmark mansion and key open space components
- Mixed-use development with low impact development
- Public Access and benefit to surrounding community

Cameron Engineering Services:

- Site Reconnaissance / Analysis
- Development Programming Analysis
- Master Plan Concept Plan Alternatives

CAMERON ENGINEERING

Wyandanch Village

Wyandanch, NY



Cameron Engineering was part of the master plan development team selected by the Town of Babylon, to implement Wyandanch Rising, a transformative mixed-use development of an economically distressed area into a progressive transit-oriented, pedestrian focused and environmentally sustainable hamlet center. Cameron Engineering provided M/E/P, Site / Civil Engineering and Landscape Architecture services. The project scope required comprehensive engineering and landscape architectural services for entire new infrastructure improvements including:

- Storm water drainage improvements
- Parking, roadway circulation & pedestrian streetscape improvements
- Water supply
- Sanitary sewer
- Electric, natural gas and tele-communications
- Landscape improvements/green infrastructure



Pedestrian Focus



Pedestrian Focus



Porous Pavement

Phase 1 of the Master Plan Implementation consisted of two mixed-use buildings comprised of 240 residential units and 50,000 square feet of street level retail, restaurant and gallery space. The scope of streetscape improvements, pedestrian spaces, parking and vehicular circulation comprises a multiple streets and a central hamlet square (Transit Plaza). Phase 1 represented the transformative foundation to a vibrant and walkable community integrated with innovative green infrastructure and sustainable site and building design.

Key innovative sustainable features include porous pavement, two below grade cisterns providing 30,000 gallons of water re-use, vehical charging stations, bio-swales, raingardens, native planting and LED parking lot lighting with programmable controls.

Owner:
Town of Babylon
200 East Sunrise Highway
Lindenhurst, NY 11757

Client:
Albanese Organization
1050 Franklin Ave.
Garden City, NY 11530

Reference:
Russell Albanese
516-746-6000

Project Cost:
$60,000,000

Completion Date:
Phase I – 2015
Phase II – 2018
Phase III – Ongoing

Key Features:
- Mixed-Use Developer
- Transit Oriented Development
- Affordable Housing
- LEED Sustainable Design
- Walkable Community
- LEED Neighborhood Design
- Low impact design approach

Cameron Engineering Services:
- Civil Engineering
- Landscape Architecture
- Mechanical, Electrical & Plumbing Engineering
- Bid Phase
- Construction Administration
- Construction Observation



Electric Vehicle Charging Station

CAMERON ENGINEERING

Queen of Peace Chapel & Facility Buildings

Old Westbury, NY

30,000 Square-Feet
Project Cost: Undisclosed
Completion Date: Summer 2022
Client: Queen of Peace Cemetery


Administration Building


East Chapel Elevation


North Chapel Elevation


Exterior Mausoleum

Hoschler Graziosi Architects, PC was retained by Tribute Design Systems, who is based in Wisconsin to be the local Architect of Record for the development of a Chapel, Administration Building, Mausoleums, & Maintenance Building on the 97 Acre site located in Westbury, NY.

This is the first new Long Island Cemetery in over 50 years and will be completed in the Summer of 2022. The 65 foot high limestone Chapel is the focal point & will accommodate up to 200 parishioners.

Hoschler Graziosi Architects key role is to act as liaison between the Owner, Designer, the Village of Old Westbury & the Contractor. As Architect of record, we are responsible for ensuring the construction documents adhere to all local & state codes. As a field representative, we assist with weekly construction administration & provide the expertise necessary for the successful completion of this historical project.

Contact Us

Hoschler Graziosi Architects
123 South Street, Suite 211
Oyster Bay, NY 11771
516.299.5364
info@hoschlergraziosi.com

The Common Point Queens YMCA

Queens, NY

2,500 Square-Feet
Project Cost: $200,000
Client: YMCA

The Common Point Queens YMCA (formerly Central Queens Y) in Queens, NY was in desperate need of additional administrative offices.

After a fire ravaged an adjacent home, the YMCA purchased the property & retained Hoschler Graziosi Architects, PC to convert the existing 2 ½ story wood structure into usable office space with a food pantry that serves local residents in need.

Since the existing home was located in a residential zone & the fact that it was a 2 ½ story wood frame structure, a fire sprinkler system was required along with fire construction upgrades to entire structure.

Multiple meetings with the Queens Department of Buildings and extensive research was required to approve the use & ultimately obtain a Certificate of Occupancy.



Contact Us

Hoschler Graziosi Architects
123 South Street, Suite 211
Oyster Bay, NY 11771
516.299.5364
info@hoschlergraziosi.com

New York Community Bank Plaza

Hicksville, NY

140,000 Square-Feet
Project Cost: $30,000,000
Client: NYC Bank

New York Community Bank purchased this 5-story office building in order to consolidate multiple office locations across Long Island & the Boroughs.

Sitting vacant for over 7 years, the building was in disrepair, requiring the full removal & replacement of the parking garage as well as a complete interior remodel. The program called for open work areas & offices for over 1,200 employees as well as a fully functional kitchen & cafeteria, presentation room with theater seating for 250 people, & a modern executive suite.

Hoschler Graziosi Architects, PC was also tasked with obtaining approvals from the Town of Oyster Bay & Nassau County Fire Marshal for the incorporation of an Executive Suite located on the 4th floor that provides the dual function of office space as well as over-night sleeping accommodations for out of town executives.

Through extensive research, design development, programming, & diligent construction administration, Hoschler Graziosi Architects, PC was able to deliver a successful project to NYCB that exceeded their expectations.



North Plaza Elevation



Interior Office Space



Interior Lobby

Contact Us

Hoschler Graziosi Architects
123 South Street, Suite 211
Oyster Bay, NY 11771
516.299.5364
info@hoschlergraziosi.com



Section 3 - Proposed Scope: Concept, Methodology, Approach and Tasks

Concept, Methodology, Approach and Tasks

Task I. Vision & Stakeholder Engagement

All comprehensive plans must define a vision rooted in broad and meaningful stakeholder engagement and input. As SMLI undertakes preparation of this Master Plan, it is crucial key stakeholders have a central role in this journey. Reaching this goal requires an inclusive and effective stakeholder engagement process. Our team will draw on our demonstrative experience with stakeholder outreach and engagement – leveraging an approach that is truly 'people-first' – to match the level of commitment SMLI brings to this effort. Our team is committed to an inclusive engagement process that supports an open dialogue with the Board of Trustees, the Executive Director, the education staff, SMLI members, and representatives from the larger community and geographical area. The success of the Master Planning process is fundamentally based on capturing the SMLI community's vision for its future.

We propose the following engagement streams to help shape the Master Plan's Vision:

Focus Groups - In collaboration with SMLI, we will engage and bring together focus groups comprised of key representative members to introduce the Master Planning process and identify key issues and opportunities that will inform the Vision and Conceptual Design Plan.

Surveys Public- Surveys – digital and in-person – are an effective means of gathering insights and driving interest and engagement in the Master Planning process. We will collaborate with SMLI in developing survey questions and drawing on best practices and previous experience to successfully draw out insights that will shape the Master Plan's Vision and conceptual Design.

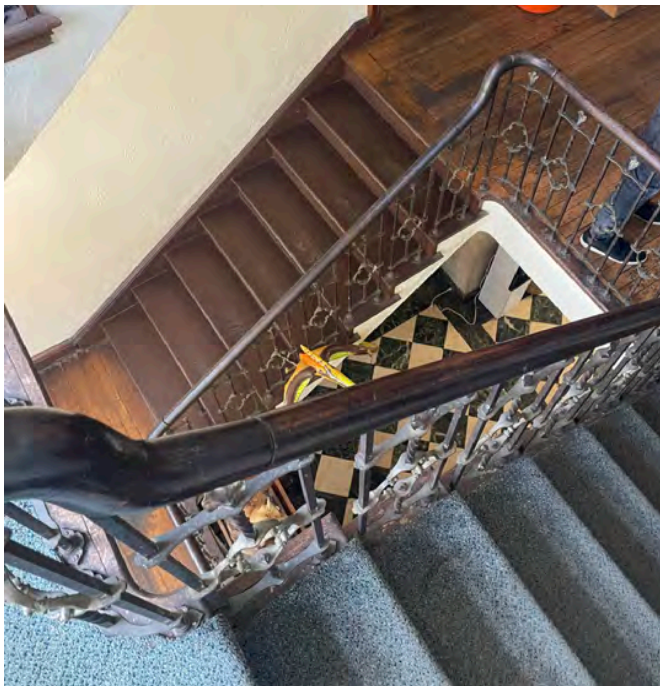


Task II. Master Plan & Programming

The Master Plan will guide the redevelopment and future improvements of the existing 36-acre campus and three (3) structures (Norwood House, Cottage, and Carriage House) into a cohesive "campus" setting. As part of this plan, the SMLI is looking for options to obtain the most efficient use & functionality of each structure.

Our team's wholistic design approach is context-sensitive and will incorporate the key program features of the re-development into the site planning process. Our approach will look to optimize the development potential of the facility, while utilizing green development design aspects and possible shared and mutual benefits of design elements. Our multi-discipline team allows for continuity to though the site assessment, planning, and design phases.

Low-impact development practices will be applied, including maximizing pervious surfaces; use of sustainable products and materials, incorporating green technologies into the site's infrastructure to provide a functional but aesthetic site master plan that will incorporate landscape features to enhance and harmonize the site with the surrounding natural environment. Additionally, our staff is also sensitive to project goals and project budgets. We will look to incorporate opportunities into the Master Plan which will lend themselves to future phases and or expansion of the facilities programming.



We also understand that maintenance and durability are essential to the long-term success of a project, particularly on an active Science Museum Campus. We are sensitive to the importance of specifying both materials and landscape plantings which are economical, while simultaneously do not create an unnecessary burden on staff to maintain. Our team will seek to propose materials which balance the project needs with realistic maintenance expectations and obligations. An awareness of providing distinctive yet easily cared for plantings will be integral to long term success of the facility. We will work closely to specify landscaping suitable in groupings that are easily identifiable, maintainable and are impactful in the landscape.

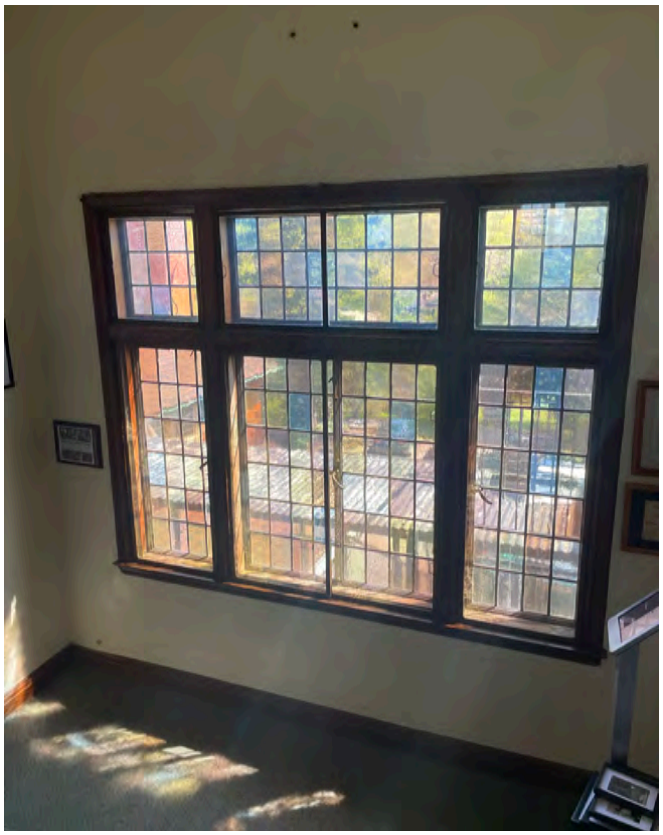
Our proposed scope of work for this task includes:

- ✓ Non-invasive site visits (visual observations) to verify and document existing conditions and key built and natural resources.
- ✓ Examine existing zoning code provisions applicable to the SMLI property to identify use, dimensional, and parking provisions.
- ✓ Research state and local building codes and provide code compliance requirements for each proposed use.
- ✓ Meet with the Department of Buildings plans examiner/inspector to discuss code compliance and related items.
- ✓ Prepare 2D color floor plans for each structure identifying the proposed uses.
- ✓ Prepare a conceptual Landscape Plan for the Leeds Pond Preserve – one that considers sensitive natural features, existing vegetation and water resources, and the Preserve's 'place' within the larger SMLI Campus Master Plan. Our approach will facilitate seamless integration and sustainable 'dialogue' between the SMLI structures and Leeds Pond Preserve.
- ✓ Provide a report that will indicate the most efficient uses and functions for each structure; identify potential upgrades and issues associated with each.



Task III. Cost Estimates

The Cameron Team will develop preliminary cost estimates based on the conceptual master plan for the SMLI Campus. The preliminary estimates will be based on quantity of materials used and labor needed to perform the work. We will provide a capital construction cost estimate, including all sitework, demolition, buildings, landscaping, and civil work. The concept estimate will be priced as unit price, and will include allowances where necessary. Our experience in these projects enables us to provide a budget that can respond to the design progression. All estimates will include capital and operations and maintenance ("O&M") costs. There will be close coordination with the SMLI stakeholders to fully recognize the aspirations of the project, and capture any possible cost that may incur during construction. The Master Plan estimate will include all escalation, design contingency, general conditions markups and constructability premiums in case of phasing or site-specific conditions. The operation cost calculation during this Master Plan stage will be based on the staffing needs for the facility. The cost of operation and maintenance will be based on prevailing wages in the locality. Engineers and vendors will be consulted to understand the maintenance needs of the equipment used in the facility.



Task IV. Recommendations & Grant Funding

The Master Plan will include recommendations for reimagining the Leeds Pond Preserve as a fully integrated campus environment. Focus, in part, will be on renovating, restoring, or otherwise repurposing the Norwood House, Carriage House, and Caretaker Cottage, and the natural areas. The final recommendations will be informed by the existing conditions assessment, stakeholder input, feasibility assessment and programming options, and best practices is sustainability.

While the Master Plan will provide conceptual design, cost estimates, and recommendations, this is only the first step in realizing the project objectives. Following completion of the Master Plan, SMLI then moves to implement the project. And funding is the key lynchpin in this step.

To this end, the Master Plan will include recommendations for and guidance on available funding opportunities for project implementation. Cameron Engineering is uniquely qualified for this task, having prepared on behalf our municipal clients a range of grant applications, including the New York State Consolidated Funding Application (CFA). Based on our preliminary due diligence, we believe projects proposed under the Master Plan could be eligible for one or more CFA funding resources. We will seek to align the Conceptual Design and Master Plan recommendations with CFA or other grant funding sources' criteria. This would position SMLI to apply for grant funding as it transitions from planning to detailed design and construction phases.



Exclusions/Additional Services:

- Any scope item not specified herein
- Measuring structures and updating CAD
- Energy code analysis/compliance
- ADA accessibility analysis/compliance
- Schematic Designs; Construction Documents
- Elevations, renderings, or other presentation materials not specified in scope of services
- Historical architect services
- Structural/MEP investigation
- Expediting services
- Violation removals and/or legalization of non-permitted structures/use
- Forensic investigations
- Asbestos, lead, or other hazardous material report/ remediation services (Phase I/Phase II reports)





Section 4 - Organization Chart and Roles of Key Staff

Organization Chart



John D. Cameron, Jr., P.E
QA / QC , Project Advisor for STEM Education A



Richard J. Zapolski, Jr., P.E.
Technical Advisor / QA / QC A



Michael R. Keane, AICP
Project Manager A

Key Personnel

Mechanical / Electrical



Michael J. Hults, P.E., LEED AP A



Courtney McMillan, LEED AP BD+C, CBCP A

Architecture



Edward J. Hoschler Jr., AIA B



Michael Graziosi, AIA B

Landscape Architecture



Michael DeGiglio, RLA A



Walter Sieber A

Grant Writing



Sarah Oral, P.E., LEED AP BD+C A



David Tepper, AICP A

Planning



David Tepper, AICP A



Andrew Martini, AICP A

Legend	
A	Cameron Engineering
B	Hoschler Graziosi Architects

Roles of Key Staff

The Partners, Associates, and Staff of Cameron Engineering hold themselves and their work to the highest possible standards, in the interest of providing well-designed, coordinated, cost-effective solutions, and sound management techniques. This is reflected in the way the company is structured, as well as in the Cameron Engineering company policy.

The Firm's Partners are to be involved in all phases of projects. Associates and Project Managers regularly review all work, and at least one of the company's Partners approves all design drawings before they are submitted. This strengthens the final work product in several ways. First, it allows for frequent cross-checks between multiple disciplines, a proven method of quality control. Second, it ensures that Managers and Associates participate in supervising every project task, so that they are familiar with project progress and budgetary demands, as well as any project-specific and client-specific needs. This yields the highest possible level of consistency, which is especially critical to large-scale municipal projects with significant scheduling demands. Finally, the Partner-oversight feature streamlines task scheduling and implementation, so any unforeseen obstacles can be handled as efficiently as possible.

Cameron Engineering also strives to maintain a diverse range of employee experience and a multi-disciplined knowledge base, for the purpose of providing various types of engineering and planning services. Having many disciplines within one Firm creates an environment which makes it easier to research design ideas or switch focus between different aspects of a project in-house and ensure proper implementation.

Cameron Engineering will exercise a holistic approach to the design and configuration of the proposed preparation of a Facilities Utilization and Improvement Plan for the Science Museum of Long Island. Our proposed work will be guided by weighing input from the Board of Trustees, community stakeholders, and our full understanding of the goals and objectives of the stated projects in addition to other potential upgrades that our team may identify to fully execute the desired goals of the improvements.











John D. Cameron, Jr., P.E - QA/QC - Project Advisor, STEM Education

As Founder of the Firm and its Managing Partner, Mr. John D. Cameron, Jr., P.E maintains the ultimate responsibility for fiscal management, business development, planning, operations and administration of Cameron Engineering and Associates, LLP. His broad technical and managerial experience also enables him to oversee the wide range of planning and consulting engineering services provided by the firm.



Richard J. Zapolski, Jr., P.E. Technical Advisor - QA / QC

Technical oversight of the project will be provided by Richard J. Zapolski, Jr., PE, Technical Advisor- QA / QC, Mr. Zapolski has the ultimate authority to assure the program is properly staffed and the Teams have all the resources it needs to get the projects completed.



Michael R. Keane, AICP. Project Manager

Michael Keane, AICP as Project Manager, has overall responsibility for the successful daily planning, execution, monitoring, control and closure of the project. He will be the manager responsible for ensuring that the Project Team completes the tasks as necessary. Mr. Keane will develop the Project Plan with the team and manage the team's performance of project tasks. He is responsible for overall communication, including status reporting, escalation of issues that cannot be exclusively resolved at the team level, and, in general, making sure the project is delivered within budget, on schedule, and within scope.



Michael DeGiglio, RLA - Landscape Architecture

Leading our Landscape Architecture team, is Michael A. DeGiglio, RLA a Senior Associate with the Firm with over 20 years' experience in site development and re-development. Experience includes municipal, institutional, commercial, multifamily residential, mixed use development, streetscapes, parks, and municipal projects. The variety of projects include large scale master plans, subdivisions, and parks & recreation projects, as well as smaller scale detailed rooftop courtyards, country clubs and public plazas.



Michael J. Hults, P.E., LEED AP - Mechanical / Electrical

As Partner and MEPS Operations Manager, Mr. Michael Hults P.E., LEED AP supervises a division of Electrical, Mechanical, Plumbing, Structural, Security and supportive engineers in the design, construction administration and project close-out for all MEPS ventures. His technical responsibilities include quality control and assurance, staffing, scheduling, project finances, risk and needs assessment, commissioning, and code analysis.



Sarah Oral, P.E., LEED AP BD+C - Grant Writing

Ms. Sarah Oral, P.E., LEED AP BD+C has over 15 years of experience in civil engineering and traffic engineering. The depth of her experience is reflected on her ability to secure Grant Applications on behalf of municipalities and private entities to secure funding for project implementation. Ms. Oral also provides forensics engineering evaluation of roadway safety, traffic flow, and pavement marking and signage design, and accident reconstruction analysis via vehicle dynamics, mechanics, and road characteristics

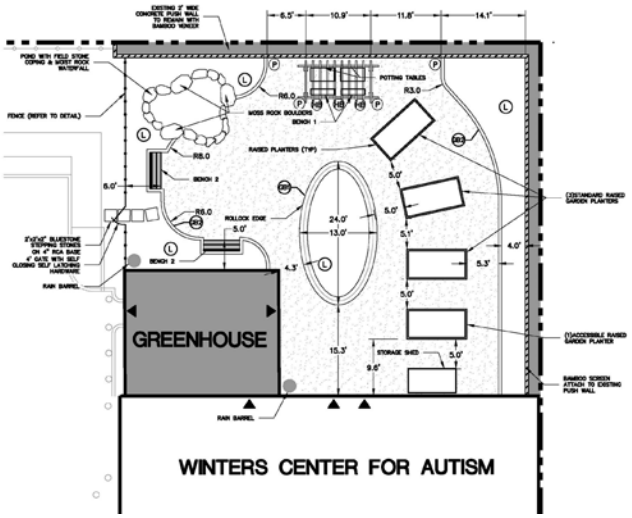


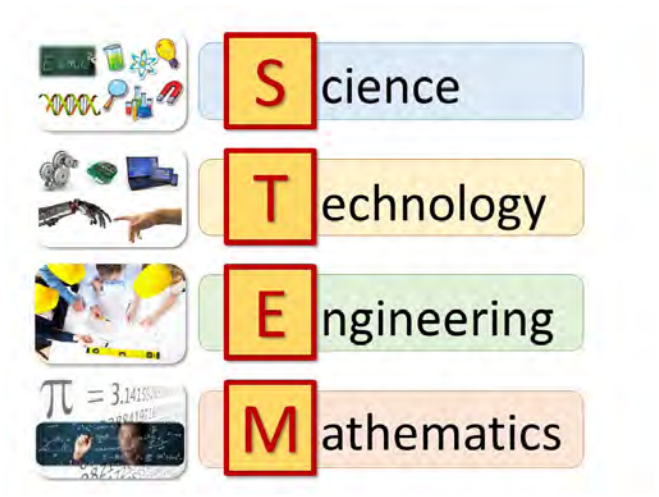
David Tepper, AICP - Planning

David Tepper, AICP has extensive experience as an Urban and Environmental Planner and serves as the technical lead on SEQRA projects for the firm. Mr. Tepper's SEQRA experience includes preparation of SEQRA documents, environmental analyses and environmental impact statements for a variety of projects, including planning initiatives, development applications and public infrastructure projects. He also serves as lead on the firm's Geographic Information Systems (GIS) projects - providing oversight for the integration of GIS with the firm's ongoing projects.






GREENHOUSE
WINTERS CENTER FOR AUTISM


Science
Technology
Engineering
Mathematics





Section 5 - Resumes of Key Staff

CAMERON ENGINEERING

Richard J. Zapolski, Jr., P.E.

Associate Partner, Civil Engineering, Site Development, Landscape Architecture & Planning

Mr. Zapolski is a professional Civil/Site Engineer with over 30 years of experience in Urban Planning and Land Development Projects. He has planning and civil engineering design experience in several sectors including municipal roadway and capital improvement projects, institutional and educational facilities, transportation infrastructure, residential roadway and drainage design, commercial, residential, and industrial land development projects throughout the northeast, primarily in Suffolk and Nassau Counties, Long Island, NY as well as training in International Building Codes, State Building Codes, FEMA, and Town and County Emergency Operations.

Prior to joining Cameron Engineering, Mr. Zapolski served as Islip Town Commissioner with the Department of Planning and Development. He was responsible for five divisions of the Department, including Building, Engineering, Planning, Economic Development and Zoning Board of Appeals. He managed 70 personnel, 7,000 applications, $5.5 million in fees. He assisted Commissioner of DPW with Town-wide Road Improvement Projects and oversaw Capital Improvement Projects within Planning and Engineering Divisions. In this role, he also served as Floodplain Administrator. Mr. Zapolski's experience includes:

- **Sisters of Saint Joseph Barn Master Plan Study, Brentwood, NY** - Cameron Engineering prepared a Master Planning Study for the Campus that focused on their Barn and will provide the "road map" for prioritizing projects, and fundraising/grant writing efforts. The Barn is the hub of the CSJ Garden Ministry and offers the community organic food and opportunities to learn about agriculture and sustainability. The goal of the Master Plan is to transform the Barn into a model of sustainability to reflect its functions more appropriately for agricultural program facilitation, education programming, and resource efficiency.
- **Sacred Heart Academy, Master Planning Study - Hempstead, NY** - Cameron Engineering perform a master planning study to help to inform fund raising needs and prioritize projects. SHA as a leader in educational and sustainable practices. The scope of the study included an analysis of SHA's existing campus with the goals of better utilizing existing building space, particularly classrooms and educational learning areas and examining the current campus for growth opportunities.
- **Winters Center for Autism, West Babylon, NY** – Cameron Engineering provided greenhouse design, landscape architecture and other engineering services for the multi-purpose indoor vocational training center. The garden will feature a pond with waterfall, aquatic plants, fish as well as raised garden beds to grow vegetables / flowers as well as ADA accessible commercial potting stations.
- **Molloy College Campus Master Plan Implementation, Rockville Centre, NY** – Cameron Engineering provided comprehensive multi-disciplinary engineering services (Civil/Site, M/E/P, Fire Protection, Security and Landscape Architectural services) for Molloy College's Campus Master Plan Implementation initiated in 2008. Engineering design services included the Molloy College Campus Center, New Residence Hall, upgrades to existing buildings for student housing, and the new Barbara Hagen Center for Nursing academic building.
- **Adelphi University – University Center Renovation, Garden City** - Adelphi University is proceeding with a renovation of the University Center, including a new building addition (6,202±SF) in conformance with the architectural site plan. The project building scope will also include a new prefabricated refrigerator addition on the north side of the University Center located to the west of the existing loading dock. Site/Civil improvements will include expansion of existing exterior service area for proposed refrigerator addition.

Education:

Master of Science
Civil Engineering
Manhattan College

Bachelor of Science
Civil Engineering
University of Massachusetts

Licenses/Registrations:

Professional Engineer: New York

NYS Code Enforcement Official

Affiliations

- Member of ASCE
- Member ACEC
- Former committee member of
- ACEC Land Development Coalition
- Member of ICSC
- Member of DPCLI
- Member of SMPS
- Former committee member of ICSC's "Next Gen"
- Member of APA
- Guest speaker at SMPS
- Contacts with over 1000 owners, owner's reps., developers, attorneys, architects, consultants, and municipal contacts

Years with this Firm: 5

Years with other Firms: 27

CAMERON ENGINEERING

John D. Cameron, Jr., P.E.

Managing Partner

Mr. Cameron's professional career has encompassed various venues of responsibility, including construction, planning, design and consulting engineering, academia, government, facility operations, entrepreneurship, and business ownership. His personal areas of engineering discipline have included planning, mechanical, electrical, civil, and environmental engineering.

As Founder of the Firm and its Managing Partner, Mr. Cameron maintains the ultimate responsibility for fiscal management, business development, planning, operations and administration of Cameron Engineering and Associates, LLP. His broad technical and managerial experience also enables him to oversee the wide range of planning and consulting engineering services provided by the firm. He has developed Cameron Engineering and Associates, LLP into a multi-disciplined consulting engineering firm, which specializes in infrastructure and building projects in the public and private sectors including site development, energy management including renewable energy and conservation programs; water quality management planning, waterfront protection and resilience; roadway, drainage, utilities and infrastructure improvements and hardening; traffic analyses, parks and recreation work; planning; building systems design including HVAC and interior air treatment, plumbing, electrical, interior and exterior lighting; security engineering; landscape architecture; power generation, resource recovery, materials and organics processing/recycling including composting and anaerobic digestion, solid waste management; water supply, wastewater collection and treatment; and construction management.

Under Mr. Cameron's direction, the Company has achieved noteworthy success in the engineering field receiving local, State and National awards for many of its projects. The Firm's work has included planning of major mixed use, residential, commercial and industrial projects as well as brownfields and waterfront projects; numerous municipal on-call projects; compliance with NYSDOT and Federal Aid requirements; design of major Homeland Security projects; design and construction inspection for well over four hundred (400) miles of roadway improvements; design of HVAC and electrical systems for corporate and institutional centers; design of major CCTV/security projects; design of renewable energy and energy conservation projects; design and construction inspection of numerous parks, recreation and sports projects; design and construction of some of Long Island's major recycling facilities; consulting engineering services for numerous municipal wastewater treatment plants and various other projects for government and industry alike.

Mr. Cameron is very involved in his church, profession and community and has diverse personal interests including sports, music, travel, art, education and the environment. He has been a frequent spokesperson on issues of regional planning, sustainability, economic development and resilience for Long Island and beyond both on television and in the printed media. He and his wife, Loretta, reside in Rockville Centre, NY as do their two married children, grandsons, Jack and Will and granddaughters, Frances and Kristin. His favorite time is spent anywhere with his family, but most especially at the beach.

Education:

Doctor of Laws
Honoris Causa
Molloy College

Master of Science
Marine and Environmental Science
Long Island University

Bachelor of Science
Marine/Mechanical Engineering
U.S. Merchant Marine Academy

Various graduate level business and professional engineering courses

Licenses/Registrations:

Professional Engineer
New York, Pennsylvania

Marine Engineering License
U.S. Coast Guard

U.S. Patent Holder (Seven Patents)
Environmental Technologies

Certifications:

Senior Public Health and Environmental Engineer
New York State Department of Health

Years with this Firm: 37

Years with other Firms: 14

CAMERON ENGINEERING

John D. Cameron, Jr., P.E.

Managing Partner

Affiliations:

New York Metro Area Storm Surge Working Group
- *Member*

Long Island Regional Planning Council
- *Chairman*

Long Island Power Authority
- *Community Advisory Board Member*

Stony Brook University School of Engineering
- *Member, External Advisory Board*

Hofstra University School of Engineering and Applied Sciences
- *Member, Advisory Board*

Long Island STEM Hub
Board of Champions
- *Charter Member*

Regional Industry Council – Engineering & Architecture
- *Co-Chair*

U.S. Merchant Marine Academy
- *Alumni Association Board Member*
- *Flying Bridge*
- *McNulty Society*
- *J. Smith Lanier Lecture Series Speaker*
- *Class Representative, Kings Pointer Magazine*
- *Chairman, Alumni Class Reunions*
- *Industry Awareness Night – Annual Speaker*

Holocaust Memorial and Tolerance Center of Nassau County
- *Board of Directors*

RVC Blue Autism Awareness Organization
- *Board Member*

Long Island MacArthur Airport
- *Airport Advisory Committee*

Cradle of Aviation
- *Member, Advisory Board*

New York Water Environment Association
- *Hall of Fame, 2007*
- *State President, 2002*
- *Various Positions Held*

New York League of Conservation Voters
- *Past State Vice Chairman*
- *Various Positions Held*

Catholic Charities
- *Member, Development Committee*

St. Agnes Cathedral Parish
- *Trustee, 1998-2007*
- *Various Positions Held*

Sacred Heart Academy High School
- *Board of Trustees, 1998-2004*

Knights of the Holy Sepulchre
- *Commander*

Friends of Mercy Medical Center
- *Board of Sponsors*

Friendly Sons of Saint Patrick
- *Member*

Villanova University
- *V Club Member*

New York Works Task Force
- *Past Member*

New York Business Mentor Program
- *Past Mentor*

New York State Brownfields Advisory Board
- *Past Member*

Rockville Centre Community Fund
- *Past Board Member*

American Council of Engineering Companies (ACEC)
National Society of Professional Engineers (NSPE)
Wounded Warrior Project
Erase Racism
Island Harvest
Shriners Hospital for Children
St. Jude's Hospital
American Mensa
Surfrider Foundation
Rollstone Foundation
Tunnel 2 Towers Foundation

Awards / Honors:

2021 – Joseph M. Baker Lifetime Service Award
U.S. Merchant Marine Academy

2021 – Long Island Power 100
City & State Magazine

2021 – Top Business Leaders of Nassau County
Blank Slate Media

2020 – Kings of New York
Schneps Media

2020 – Power List
Long Island Press

2020 – St. Thomas Aquinas Award
Co-Recipient (With Spouse), St. Agnes Cathedral School

2019 – Distinguished Business Leader Award
Advancement for Commerce Industry Technology

2019 – Legacy Award
Holocaust Memorial and Tolerance Center

2019 – Power List
Long Island Press

2018 – Long Island Business Hall of Fame
Long Island Business News

2018 – Top Engineer
Long Island Business News

2018- Platinum Hall of Fame Power List
Long Island Press

2017 – Power List
"Top 50 Most Influential Long Islanders"
Long Island Press

2017 – Uniting All in God's Love Award
Sisters of St. Joseph

2017 – Regional Leadership Award
Vision Long Island

2017 - Education Partner
Nassau BOCES

2016 – "Kings Pointer of the Year"
Highest Alumni Award
US Merchant Marine Academy

2016 – Outstanding Contribution to Long Island's Environment
Long Island Pine Barrens Society

2016 – Power List
"Top 50 Most Powerful and Influential Long Islanders"
Long Island Press

2016 – Future 50 Award
Smart CEO Magazine

2015 – Hall of Fame Power List
"Top 50 Most Powerful and Influential Long Islanders"
Long Island Press

2015 – Distinguished Alumni Award
Long Beach Catholic Regional School

2015 – Honoree, Annual Golf Outing
South Nassau Communities Hospital

2014 – Honoree, Annual Golf Outing
Rockville Centre Community Fund

2014 – Light of Leadership Award and The Academy Honor Coin
U.S. Merchant Marine Academy

2014 – Distinguished Speaker
J. Smith Lanier Memorial Lecture Series
US Merchant Marine Academy

- **OTHER AWARDS** -

CAMERON ENGINEERING

Michael R. Keane, AICP

Director, Land Use and Environmental Planning

As a Director of the firm's Planning practice, Mr. Keane provides expertise in land use, zoning, and environmental planning. An Urban Planner with more than 16 years of private and public sector experience, Mr. Keane's areas of expertise include land use planning, zoning interpretation, site and master plan development, and environmental impact assessment (City and State Environmental Quality Review (CEQR/SEQR) and National Environmental Policy Act (NEPA)). In this capacity, he manages the federal, state, and local environmental review processes to secure land use approvals, including zoning changes, special permits, and variances, as well as discretionary funding approvals to finance affordable housing and infrastructure improvement projects.

Prior to joining Cameron, Mr. Keane was a senior project manager at another NYC engineering firm, where he managed the preparation of dozens of environmental planning projects, including area-wide and site-specific land use actions subject to NEPA, SEQR, CEQR, and the New York City Uniform Land Use Review Procedure (ULURP). Mr. Keane has managed the preparation of environmental assessment and impact statements that resulted in project approval and has advised clients on a wide range of land use, zoning, and regulatory matters to support the use and development of land in New York.

Mr. Keane has collaborated on major planning initiatives throughout the Northeast and internationally, including municipal-wide and regional comprehensive plans, zoning code amendments, and visual impact analyses. This included the Capital City of Hanoi – 2030 Master Plan, City of Stamford Master Plan, Rockland County Master Plan, City of Mount Vernon Master Plan, Nassau County Master Plan, Village of Port Chester Master Plan, and Town of Mamaroneck Inclusionary Housing Zoning Text Amendment. His experience includes:

- **69-02 Queens Boulevard Mixed-Use Development, Queens, NY, CEQR Environmental Assessment Statement -** Discretionary Approvals: Zoning Map and Text Amendments; Large-Scale General Development Special Permit. Lead Agency: New York City Department of City Planning. This mixed-use development project involves construction of one 17-story residential/commercial building and one 14-story residential building, totaling approximately 495,343 gsf.
- **Queens Public Library -** CEQR Services for Proposed Expansion of Corona Branch Queens Public Library is pursuing a Mayoral Zoning Override (MZO) to facilitate construction of an approximately 10,500 square-foot expansion of its Corona Branch.
- **Fordham University** – SEQR/CEQR services for New Student Center, Rose Hill Campus, Bronx, NY - Cameron Engineering provided State and City Environmental Quality Review (SEQR/CEQR) services for the proposed new Student Center at the Rose Hill Campus of Fordham University.
- **Bay Street Corridor Rezoning, Staten Island, NY, CEQR Environmental Impact Statement** - Discretionary Approvals: Zoning Map and Text Amendments; Disposition of City-Owned Property. Lead Agency: New York City Department of City Planning.
- **Village of Ocean Beach Local Waterfront Revitalization Program, Fire Island, NY** – This project involved a planning and design study performed for the Commercial and Bay Front Recreation District. Elements of the LWRP update, specifically the Inventory & Analysis and Resources (e.g. – Land Use & Public Lands, Zoning, Recreational resources, community services, natural resources), would serve to support the scope of the focused Planning & Design Study.

Education:
Master of Urban Planning
Hunter College
City University of New York

Bachelor of Arts
Urban History
University of Massachusetts – Amherst

Certifications:
American Institute of Certified Planners (AICP)

Affiliations:
Member
American Planning Association
Real Estate Board of New York
Urban Land Institute

Speaking Engagements:
New York University
Adjunct Professor of Urban Planning
2012 to Present

APA 2018 National Planning Conference, New Orleans – "The Art of Private Practice Planning"

Years with this Firm: 3

Years with other Firms: *14*

CAMERON ENGINEERING

David Tepper, AICP

Manager, Planning & GIS

Mr. Tepper has extensive experience as an Urban and Environmental Planner and serves as the technical lead on SEQRA projects for the firm. Mr. Tepper's SEQRA experience includes preparation of SEQRA documents, environmental analyses and environmental impact statements for a variety of projects, including planning initiatives, development applications and public infrastructure projects. He also serves as lead on the firm's Geographic Information Systems (GIS) projects - providing oversight for the integration of GIS with the firm's ongoing projects. He offers valuable experience in the development of spatial databases for municipal and county governments and regional planning entities including cadastral, transportation, environmental and demographic data. He has utilized GIS extensively in numerous planning initiatives, including comprehensive/master plan updates, growth management plans, community vision plans, alternatives analyses, buildout analyses and infrastructure needs assessments.

- **Long Beach Grants** - Cameron Engineering assisted Long Beach in the identification of grant funding opportunities and the preparation of grant applications for the purpose of revitalizing/upgrading/hardening the City's infrastructure against future storm events and tidal surges. Applications prepared included TIGER (Transportation Investment Generating Economic Recovery), CFA (Consolidated Funding Application) and HMGP (Hazard Mitigation Grant Program)
  - **Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grants**
  - **New York State Consolidated Funding Applications (CFA)**
    - NYS Environmental Facilities Corporation - Green Innovation Grant Program (GIGP)
    - NYS Energy Research and Development Authority – Cleaner, Greener Communities Program, Phase II Implementation Grants
    - NYS Department of State - Local Waterfront Revitalization Program (LWRP)
  - **Hazard Mitigation Grant Program (HMGP) Applications**
- **Catholic Cemeteries of Long Island: Queen of Peace Cemetery, Old Westbury, NY** - Cameron Engineering has been performing civil engineering, landscape architecture and SEQR / Land Planning services for the Diocese of Rockville Centre specifically associated with securing approvals with the Village of Old Westbury
- **South Shore Seagate Study, Fire Island, NY** – Cameron Engineering is assisting SUNY Stony Brook SoMASS in a study to evaluate seagates along south shore barrier island inlets. Study includes assisting the ADCIRC modeling and data research, identifying best locations for seagates at each inlet, assessing most cost effective seagate design to withstand littoral transports and wave action. Investigated existing gates in operation and their applicability to shore shore inlets. Study reduction in back bay flushing caused by seagates. Establish seagates size and investigate construction challenges.
- **City of Long Beach Comprehensive Plan Update** – Prepared the majority of the Comprehensive Plan Update and associated SEQRA-required environmental analyses. Work included detailed land use and economic development recommendations considering downtown revitalization multi-modal traffic enhancements, parking management strategies, stormwater management improvements, and various coastal resiliency measures tailored to Long Beach. This project involved major public outreach efforts, including open public meetings, targeted focus group sessions, key stakeholder consortiums and an array of online/print/phone campaigns to expand public participation.

Education:
Master of Planning
University of Southern California

Bachelor of Arts
Sociology
University of Southern California

Certifications:
AICP
American Institute of Certified Planners
American Planning Association

Awards:
2010 – Academic Capstone Award – For Potential Impacts of Climate Change on Vulnerable Communities

Years with this Firm: 10

Years with other Firms: 4

CAMERON ENGINEERING

Michael J. Hults, P.E., LEED AP

Partner, M/E/P, Structural Engineering and Energy Services

Mr. Hults has over 25 years of experience in all aspects of engineering and construction, including the design of electrical, security, civil and mechanical engineering projects, as well as the construction/project management of electrical, security, civil, nuclear, environmental, mechanical, and transportation projects.

As Partner and MEPS Operations Manager, Mr. Hults supervises a division of Electrical, Mechanical, Plumbing, Structural, Security and supportive engineers in the design, construction administration and project close-out for all MEPS ventures. His technical responsibilities include quality control and assurance, staffing, scheduling, project finances, risk and needs assessment, commissioning, and code analysis. His electrical project experience encompasses the design and construction supervision of electrical distribution systems, instrumentation and control systems, emergency power generation systems, solar photovoltaic technology, wind turbines, wireless communication, fiber optic and IP communication, fire notification and protection systems, digital and analog electronics, and life safety codes/ devices.

Mr. Hults also manages Cameron's Energy Efficiency, Conservation and Renewable Energy Design and Construction projects. His recent notable projects include Con Edison's Commercial and Industrial Energy Efficiency Program, FDNY's facility improvements and upgrades (350+ facilities), Town of Smithtown Recycling Center Wind Turbine, Eastport LEED Gold K-2 School, Nassau County Forensic Lab and New Cassel's LEED Platinum Community Center Solar Photovoltaics (rooftop, carports and solar trees).

- **Sacred Heart Academy, Master Planning Study - Hempstead, NY** - Cameron Engineering perform a master planning study to help to inform fund raising needs and prioritize projects. SHA as a leader in educational and sustainable practices. The scope of the study included an analysis of SHA's existing campus with the goals of better utilizing existing building space, particularly classrooms and educational learning areas and examining the current campus for growth opportunities.
- **Winters Center for Autism, West Babylon, NY** – Cameron Engineering provided greenhouse design, landscape architecture and other engineering services for the multi-purpose indoor vocational training center. The garden will feature a pond with waterfall, aquatic plants, fish as well as raised garden beds to grow vegetables / flowers as well as ADA accessible commercial potting stations.
- **Catholic Cemeteries of Long Island: Queen of Peace Cemetery, Old Westbury, NY** - Cameron Engineering has been performing civil engineering, landscape architecture and SEQR / Land Planning services for the Diocese of Rockville Centre specifically associated with securing approvals with the Village of Old Westbury.
- **Wyandanch Village, Wyandanch, NY** - Cameron Engineering was part of the master plan development team selected by the Town of Babylon, to implement Wyandanch Rising, a transformative mixed-use development of an economically distressed area into a progressive transit-oriented, pedestrian focused and environmentally sustainable hamlet center. Cameron Engineering provided M/E/P, Site / Civil Engineering and Landscape Architecture services.
- **Eastport/South Manor Primary School, Eastport, NY** - M/E/P/FP design for a new LEED Certified 60,000 square foot Primary School, grades Kindergarten through second. The project achieved LEED Gold Certification.

Education:
Master of Science
Engineering Management
Missouri University, 2011

Graduate Certificate
Construction Management
Missouri University

Bachelor of Science
Engineering Management
Lake Superior State University, MI, 2000

Bachelor of Science and Applied Technology,
Nuclear Engineering
Thomas Edison University, NJ, 1999

Licenses/Registrations:
Professional Engineer:
New York

Certifications:
LEED Accredited Professional - U.S. Green Building Council Certification

Affiliations:
Army Engineer Association

ASIS International

New York Water Environment Association

Years with this Firm: *20*

Years with other Firms: 8

Mr. Hults served as an Engineer Officer in the United States Army Reserve in support of both Operation Iraqi Freedom and Operation Enduring Freedom. He also served as a Nuclear Engineer/Operator as well as an Electronic Technician in the United States Navy and currently serves as Director of Operations, U.S. Army Corps of Engineers HQ, Reserve Affairs. As a First Lieutenant in Kuwait and Iraq in 2003/ 2004, Mr. Hults led a platoon of forty engineers in the design and construction of roadways, airfields, fortifications, and similar civil and force protection missions. As a Major in Afghanistan in 2012/ 2013, Mr. Hults coordinated all engineer operations within the western third of Afghanistan. He was responsible for leading a multi-service force of 2,500 engineers in the planning, design, construction, and resource allocation for all engineering missions associated with U.S and NATO Forces operations.

CAMERON ENGINEERING

Michael A. De Giglio, RLA

Senior Associate – Site Development and Landscape Architecture

Mr. De Giglio has over 20 years' experience in diversified public and private sector land development projects. Experience includes municipal, institutional, commercial, multifamily residential, mixed use development, streetscapes, parks, and municipal projects. The variety of projects include large scale master plans, subdivisions, and parks & recreation projects, as well as smaller scale detailed rooftop courtyards, country clubs and public plazas. He is well versed in Federal accessibility requirements, NYSDEC regulations and permitting requirements, NYS Fire Codes, and local Town & County agency requirements, and is also familiar in the preparation of contract documents for public bidding. He has also spoken at and facilitated public outreach events. Mr. De Giglio is involved in all stages of a project beginning with concept plans and preliminary budgets, through construction documentation, permitting, specifications, bid book as well as construction administration, observation, and project close-out.

Mr. De Giglio is very familiar with stormwater related issues/regulations and reviews stormwater pollution prevention plans as part of Cameron Engineering's on call services agreement with the Town of Brookhaven. As a strong proponent of sustainable design principles, he has been involved with projects seeking LEED accreditation, and his projects have featured rain gardens, rainwater harvesting, vegetated detention basins, stream reconstruction, porous pavements, courtyards, vertical green screens, native plantings, and green roofs. Mr. De Giglio's project experience includes:

- **The Waldorf School – Early Childhood Natural Play Area -** The project incorporates the schools fundamental learning principles emphasizing free play within the natural environment. The entire area and individual spaces are recognized as an extension of the classrooms they serve.
- **Winters Center for Autism, West Babylon, NY–** Cameron Engineering provided Greenhouse Design, Landscape Architecture, M/E/P Engineering, Structural Engineering, Construction Phase Services. The facility provides vocational training features separate rooms set up as a warehouse, office, food service and horticulture use, providing real-life training and expectations.
- **Sacred Heart Academy, Master Planning Study - Hempstead, NY** - Cameron Engineering perform a master planning study to help to inform fund raising needs and prioritize projects. The scope of the study included an analysis of SHA's existing campus with the goals of better utilizing existing building space, particularly classrooms and educational learning areas and examining the current campus for growth opportunities.
- **Sisters of Saint Joseph Barn Master Plan Study, Brentwood, NY** - Cameron Engineering prepared a Master Planning Study for the Campus that focused on prioritizing projects, and fundraising/grant writing efforts. The goal of the Master Plan is to transform the Barn into a model of sustainability to reflect its functions more appropriately for agricultural program facilitation, education programming, and resource efficiency.
- **Suffolk County Educational and Interpretive Center, East Setauket, NY** - Cameron Engineering provided LEED charette services, a LEED Feasibility Study and LEED engineering under New Construction and Major Renovations for the mechanical, electrical, plumbing and site related systems, including the wetlands.
- **Catholic Cemeteries of Long Island: Queen of Peace Cemetery, Old Westbury, NY** - Cameron Engineering has been performing civil engineering, landscape architecture and SEQR / Land Planning services for the Diocese of Rockville Centre specifically associated with securing approvals with the Village of Old Westbury.

Education:
Associates Applied Science
Ornamental Horticulture/
Landscape Development
SUNY Farmingdale

Bachelor of Landscape Architecture
University of Georgia- School of Environment & Design

Licenses/Registrations:
Registered Landscape Architect:
New York

Affiliations:
American Society of Landscape Architects

Boards/Panels:
2019 Living Shoreline Panelist at Stony Brook University School of Marine and Atmospheric Sciences

Awards and Recognitions:
Long Island Business News 2021:
Who's Who in Sustainability

Years with this Firm: 14

Years with other Firms: 10

CAMERON ENGINEERING

Sarah Oral, P.E., LEED AP BD+C

Associate, Civil Engineering & Planning

Ms. Oral has over 15 years of experience in civil engineering and traffic engineering. She has been responsible for traffic, transportation, drainage and sanitary system analysis and design, computer aided traffic flow modeling, the preparation and review of traffic impact studies, parking studies, traffic calming studies and signal warrant studies including data collection and engineering analysis. Ms. Oral has created site plans including the design of parking layouts, and has designed various roadway improvements, road diets, Complete Streets design elements, Smart Growth concept integration, bicycle and pedestrian facilities, and maintenance and protection of traffic plans. She has performed access management and design, as well as Transit Oriented Development (TOD) design and analysis. Sarah has expanded her planning expertise in the fields of climate change mitigation and adaptation. She is currently serving as Long Island coordinator for the Clean Energy Communities program for the New York State Energy Research and Development Authority (NYSERDA).

Ms. Oral also provides forensics engineering evaluation of roadway safety, traffic flow, and pavement marking and signage design, and accident reconstruction analysis via vehicle dynamics, mechanics, and road characteristics. Ms. Oral also has experience with field inspection of on-site and off-site drainage and paving, field surveying and data reduction. She possesses a working knowledge of federal, state, and local specifications, standards, and procedures, and all work complies with the Federal MUTCD, NYS Supplement, ADA, & AASHTO standards. A sampling of her project experience includes:

- **Bay Walk Park – Phases I and II, Village of Port Washington North, NY** - The Local Waterfront Revitalization Program grant application by the firm made $165,000 available for site analysis, planning, public participation and engineering design for Bay Walk Park. The Master Plan process integrated input from citizens, civic and environmental groups, municipal entities, regulatory agencies, and the larger community of potential park users throughout the Port Washington Peninsula. The approved park Master Plan includes the rehabilitation of a pier for fishing and boating, a shoreline walkway, seating, lighting, interpretive signage, a kayak launch, natural material play areas, and shade sails with seating and tables.
- **Catholic Cemeteries of Long Island: Queen of Peace Cemetery, Old Westbury, NY** - Cameron Engineering has been performing civil engineering, landscape architecture and SEQR / Land Planning services for the Diocese of Rockville Centre specifically associated with securing approvals with the Village of Old Westbury.
- **Wyandanch Village, Wyandanch, NY -** Cameron Engineering was part of the master plan development team selected by the Town of Babylon, to implement Wyandanch Rising, a transformative mixed-use development of an economically distressed area into a progressive transit-oriented, pedestrian focused and environmentally sustainable hamlet center. Cameron Engineering provided M/E/P, Site / Civil Engineering and Landscape Architecture services.
- **NYSERDA Clean Energy Communities, Long Island –** Leads a team of coordinators for NYSERDA's Clean Energy Communities program, which recognizes municipalities across the state for their leadership in reducing their carbon emissions and their reliance on fossil fuels.
- **NYSERDA Climate Smart Communities, Long Island** – Long Island Coordinator for Climate Smart Communities. Recruited Long Island municipalities into the program, creating educational handouts and information packets, facilitating several educational workshops and seminars, securing regional experts for presentations, and the establishment of a project website.

Education:
Bachelor of Science
Civil Engineering
Tulane University

Recipient of Distinguished Honor Scholarship
Accident Reconstruction Training, The Traffic Institute of Northwestern University

Licenses/Registrations:
Professional Engineer: NY

Certifications:
LEED Accredited Professional with a specialty in Building Design and Construction
U.S. Green Building Council Certification

Affiliations:
- American Society of Civil Engineers
- Institute of Transportation Engineers
- New York Statewide Accident Reconstruction Society
- U.S. Green Building Council, Long Island Chapter Sustainable Transportation Committee, Current Member
- Vision Long Island, Current Board Member
- Village of Roslyn Board of Trustees. Current Trustee
- Village of Roslyn Planning Board, Former Member (2012-2013)
- Roslyn Gardens Board of Directors, Former Director (2010-2013)
- Drive Electric Long Island, Steering Committee Member
- Long Island Solar Roadmap Consortium, Steering Committee Member

Years with this Firm: 7

Years with other Firms: 12

CAMERON ENGINEERING

Walter Sieber

Director, Site Development

Mr. Sieber has over 20 years of experience and leads the firm's landscape architectural facilities design program and design detailing production in site design, site layout, drawing set coordination, renderings and presentation exhibits. He performs construction administration services for many of the projects in which he has been involved. Mr. Sieber is also certified through the New York State Department of Environmental Conservation to preform on-site SWPPP Inspections. Daily tasks for Mr. Sieber include managing multidisciplinary project teams that can include civil, mechanical, electrical & plumbing engineers, architects and landscape architects. This coordination and management ensure correct and timely completion of the project.

Mr. Sieber is often involved in obtaining the necessary regulatory approvals for his project. He also prepares high quality project renderings and can presenting theses exhibits to governmental & municipal agencies, stakeholders, community members, their representatives and project reviewers to convey the project scope clearly and concisely. As the Project Manager, Mr. Sieber remains with the project through construction providing construction administrative services when required, always maintaining constant communication with the client and contractor personnel. As part of construction administrative services, Mr. Sieber will regularly observe construction progress which in turn delivers the highest level of quality assurance. Some of Mr. Sieber's recent projects include:

- **Sacred Heart Academy, Hempstead, NY** - Multi-Purpose Synthetic Turf Field the Campus Master Plan Design is comprised of three main components. One; the Campus Renovation which includes a new entry road, enhancements to the Faculty & Visitor Parking Facilities, a dedicated student drop-off area and enhanced Vehicular/Pedestrian Circulation throughout the Campus. Two; the Athletic Complex which includes a Multi-Purpose Synthetic Turf Field, an All-Weather Resilient Running Track and three; the construction of a new Maintenance Garage.
- **Winters Center for Autism, West Babylon, NY–** Cameron Engineering provided Greenhouse Design, Landscape Architecture, M/E/P Engineering, Structural Engineering, Bid Phase Services, Construction Administration for The Winters Center for Autism which is a 21,000 SF facility providing vocational training that will help prepare young men and women with autism a place in the workforce. The facility will feature separate rooms set up as a warehouse, office, food service and horticulture use providing real-life training and expectations. The facility allows the young men and women to use equipment, engage in social interactions and hear sounds that can be expected at each respective employment opportunity.
- **St. Joseph's College Quad Beautification and Site Entrance Improvements, Patchogue, NY -** Cameron Engineering provided the College with master planning services, detailing various opportunities to enhance the aesthetics and pedestrian/ vehicular circulation throughout the 40-acre campus in a campus wide beautification program. The Quad improvements included design of multiple seating and plaza area, customized site furnishings, multi-use flexibility of the space to feature special events, circulation connects the primary building entrances and parking lots; and a rain garden, providing first flush treatment and infiltration.
- **Wyandanch Village, Wyandanch, NY** - Cameron Engineering was part of the master plan development team selected by the Town of Babylon, to implement Wyandanch Rising, a transformative mixed-use development of an economically distressed area into a progressive transit-oriented, pedestrian focused and environmentally sustainable hamlet center. Cameron Engineering provided M/E/P, Site / Civil Engineering and Landscape Architecture services.

Education:
Bachelor of Landscape Architecture
SUNY College of Environmental Science and Forestry

Years with this Firm: 20

CAMERON ENGINEERING

Courtney McMillan, LEED AP BD+C, CBCP

Mechanical Engineer

Ms. McMillan is a project manager and junior engineer with experience in designing and drafting mechanical and plumbing systems utilizing both AutoCAD and BIM software. Her experience includes drainage and water system design for commercial and industrial buildings, with a special emphasis in designing fuel storage and dispensing systems. Ms. McMillan is currently managing all FDNY Construction Administration services, including office coordination and providing contractor and client assistance on the job sites. While working as the Cameron field representative, she is actively engaged in construction activities to help the client achieve the desired project outcome. Ms. McMillan also has experience with permitting through various NYC agencies, including the Department of Buildings, Bureau of Fire Prevention, and Public Design Commission. Her project experience includes:

- **Maria Regina Hall at Molloy College, Rockville Centre, NY -** Maria Regina is an existing three story plus basement building that was originally designed as faculty housing for the sisters who taught/teach at the College. The building encompasses 28,565 gsf, which includes four floors at 5,995 gsf and a one-story annex of 4,585 gsf. Cameron Engineering scope of services includes electrical system replacement, upgraded building service and new, energy efficient lighting throughout, new HVAC system and Energy Management System.
- **FDNY Open Services, Various Locations in NYC** - Cameron Engineering was awarded a five-year on-call term contract with the New York City Fire Department. The work includes various renovation and rehabilitation projects throughout the five boroughs of New York City. Work has included projects which involve structural analysis, toilet and electrical upgrades, generator installation, design for the conversion of existing floor space, and HVAC analysis.
- **New York City Housing Authority, New York, NY** - Cameron Engineering is providing engineering services for the restoration of damaged building components. Types of rehabilitation work include central plant boilers, gas piping, and other various types of M/E/P restoration work at various locations across New York City.
- **Nassau Veterans Memorial Coliseum, Uniondale, NY** – Cameron Engineering is providing the design of M/E/P/FP systems associated with the renovation of existing space and the build-out of designated areas including the Event, Mezzanine, and Concourse Levels, and Bowl.
- **Wyandanch Village – Master Development, Wyandanch, New York** - Cameron Engineering is part of the master development team selected by the Town of Babylon, to implement Wyandanch Rising, a major mixed-use redevelopment of an economically distressed area into a transit-oriented, pedestrian-friendly, and environmentally sustainable downtown.
- **Clean Energy Communities, Long Island –** Providing services for NYSERDA's Clean Energy Communities program, which recognizes municipalities across the state for their leadership in reducing their carbon emissions and their reliance on fossil fuels. Provides technical assistance to all 115 municipalities on Long Island to achieve "designated" status and grant administration once funds have been awarded.

Education:
Bachelor of Science
Mechanical Engineering
University of Delaware, 2015

Certifications:
LEED AP BD+C

Certified Building Commissioning Professional (CBCP)

Years with this Firm: 9

CAMERON ENGINEERING

Andrew L. Martini, AICP

Planner/GIS Analyst

Mr. Martini has experience as an Urban Planner as well as a Geographic Information Systems Analyst. He holds a master's degree in urban planning and is a Certified Planner. Mr. Martini is proficient in analyzing zoning and land use maps using GIS software for ULURP applications and has created maps to support CEQR including facilities research and modeling of shadow impacts using SketchUp. He was involved in the Local Initiatives Support Corporation (LISC) for the Choice Neighborhood Initiative / Community Development. During that time, he studied Mott Haven, Bronx for a large HUD neighborhood transformation grant worth up to $30.5 million. He evaluated and analyzed a large resident survey dataset to support the neighborhood transformation plan and collected qualitative data by engaging with public housing residents at outreach events. His project experience includes:

- **Sacred Heart Academy, Master Planning Study - Hempstead, NY -** Cameron Engineering perform a master planning study to help to inform fund raising needs and prioritize projects. SHA as a leader in educational and sustainable practices. The scope of the study included an analysis of SHA's existing campus with the goals of better utilizing existing building space, particularly classrooms and educational learning areas and examining the current campus for growth opportunities.
- **Clean Energy Communities, Long Island –** Providing services for NYSERDA's Clean Energy Communities program, which recognizes municipalities across the state for their leadership in reducing their carbon emission s and their reliance on fossil fuels. Provides technical assistance to all 115 municipalities on Long Island to achieve "designated" status and grant administration once funds have been awarded.
- **Village of Island Park, Flood Protection for the Major Infrastructure, Island Park, NY –** The project involves the study and design of improvements to the Village infrastructure and coastline for protection against future storm events and flooding. The Village was awarded funding through the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) for drainage infrastructure upgrades and Mr. Martini prepared documents related to Joint Permit Applications to NYSDEC/USACE for the Warwick Road Outfall Replacement.
- **Seatuck Environmental Association, Long Island Water Recycling Roadmap and Action Plan –** Cameron Engineering prepared a recycling roadmap and action plan that can be used to prioritize water reuse projects to reduce nitrogen loadings discharged into the receiving waters or groundwater.
- **Suffolk County, Feasibility Study for Hamlet of Central Islip, Sewer District Extension –**The Town's winning Downtown Revitalization Initiative (DRI) grant identified sewer infrastructure as a key component of economic revitalization efforts in the Town and aligns with Suffolk County efforts to reduce nitrogen pollution in the County's surface waters and groundwater. Mr. Martini prepared the SEQR Full Environmental Assessment Form and Supplemental Report.
- **South Shore Seagate Study, Fire Island, NY** – Cameron Engineering was selected to provide engineering services to assist Stony Brook University's School of Marine and Atmospheric Sciences (SoMAS) in the investigation of sea gates or storm surge barriers to be built across various inlets along the south shore of Long Island, with particular focus on the Fire Island Inlet. Mr. Martini conducted research pertaining to the Coastal Barrier Resources Act (CBRA) and utilized GIS bathymetric data to provide profiles of seafloor contours.

Education:
Master of Urban Planning
CUNY Hunter College, NY

Bachelor of Arts/Psychology
Temple University, PA

Certifications:
American Institute of Certified Planners (AICP)

Affiliations:
- American Planning Association (APA)
  APA Metro NY Chapter
- Housing & Economic Development Committee (2019-present)
- Zoning & Legislative Committee (2015)

Years with this Firm: 2

Years with other Firms: 4

Hoschler • Graziosi
ARCHITECTS

Key Personnel



Edward J. Hoschler Jr., AIA
Principal / Partner
Hoschler Graziosi Architects, P.C

LICENSURE/EDUCATION

Registered Architect, State of New York (2002)

Member National Council of Architectural Registration Boards (2002)

Member American Institute of Architects – National, State & Local chapters (2002)

Bachelor of Architecture, New York Institute of Technology-Old Westbury (1996)

EXPERIENCE

Mr. Hoschler is currently a member of the AIA, NCARB, & a registered architect in New York State. He has managed a broad range of projects from MRI installations, large corporate relocations, new corporate offices, branch banks, hospitality, as well as high end residential and multiple dwellings. Mr. Hoschler is able to successfully adapt to a variety of projects and maintain close communication with the clients throughout the construction process. In addition to managing multiple projects Mr. Hoschler is responsible for all daily operations within the company and is an integral part of the success of Hoschler-Graziosi Architects.

Hoschler • Graziosi
ARCHITECTS



Michael Graziosi, AIA
Principal / Partner
Hoschler Graziosi Architects, P.C.

LICENSURE/EDUCATION

Registered Architect, State of New York (2002)

Registered Architect, State of New Jersey (2004)

Registered Architect, State of Connecticut (2004)

Registered Architect, State of Pennsylvania (2012)

Registered Architect, District of Columbia (2014)

Registered Architect, State of Maryland (2014)

Registered Architect, State of Virginia (2014)

Member National Council of Architectural Registration Boards (2002)

Member American Institute of Architects – National, State & Local chapters (2002)

Bachelor of Architecture, New York Institute of Technology-Old Westbury (1996)

EXPERIENCE

Mr. Graziosi is currently a member of the AIA, NCARB & a registered architect in numerous states. Mr. Graziosi's management of projects such as restaurants, multiple dwellings, automotive dealerships, large supermarkets & high-end residential has given him the invaluable experience required in today's evolving market. In addition to managing multiple projects Mr. Graziosi is responsible for all daily operations within the company and is an integral part of the success of Hoschler-Graziosi Architects.

Hoschler • Graziosi
ARCHITECTS



Adrianne Deschler, NCIDQ
Project Manager
Hoschler Graziosi Architects, P.C

LICENSURE/EDUCATION

NCIDQ Certified Interior Designer (2005)

LEED AP BD+C Accredited (2015)

Licensed Interior Designer; New York, District of Columbia (2018)

Bachelor of Fine Arts in Interior Design; New York Institute of Technology, Old Westbury (2001)

EXPERIENCE

Ms. Deschler's background bridges architecture and interior design, excelling in space planning and creative thinking, and she thrives at problem-solving. In just over 20 years, she has amassed comprehensive experience in retail, restaurant, office space, and residential design. Ms. Deschler's most notable position was store designer for an international coffee chain where she designed over 150 stores. Included in her retail and restaurant experience, Ms. Deschler played an integral role in designing and implementing the first legal bourbon distillery in Manhattan.



Section 6 - Reference Contacts for Similar Projects

Reference Contacts

The Waldorf School of Garden City

Susan Braun
School Administrator
516-567-0960
225 Cambridge Avenue, Garden City, NY 11530

Sisters of Saint Joseph

Sister Karen Burke, CSJ, EdD
Coordinator of Land Initiatives
631-273-1187
1725 Brentwood Rd, Brentwood, NY 11717

Sacred Heart Academy

Sister Jeanne Ross
President
516-487-7383
47 Cathedral Ave, Hempstead, NY 11550



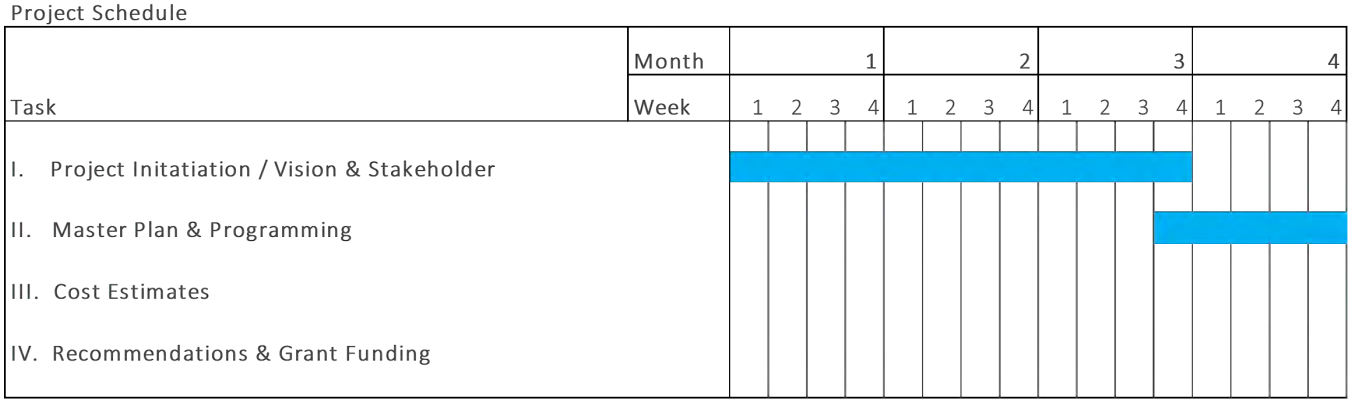
Section 7 - Project Schedule for Proposal Tasks



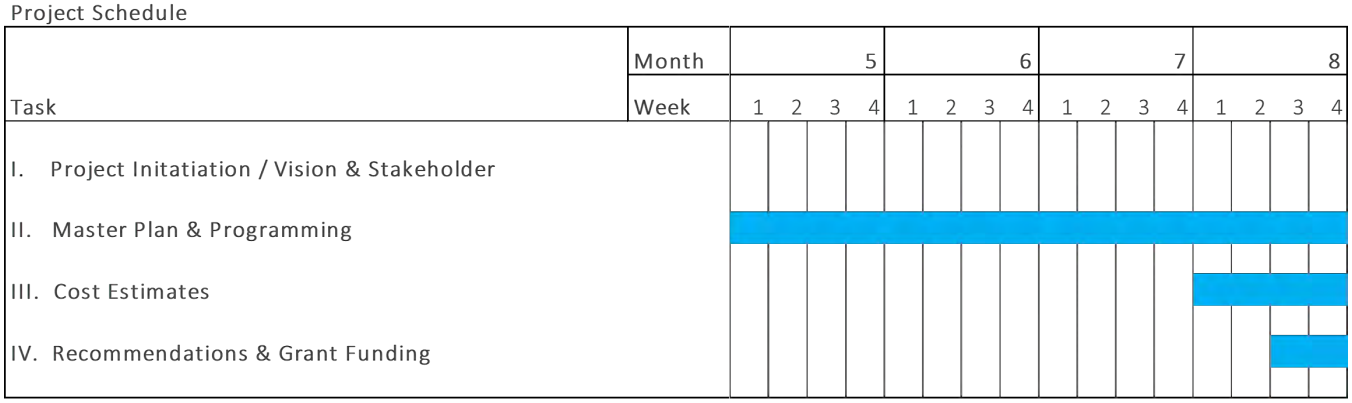
Project Schedule for Proposed Tasks

The technical staff assigned to this project includes a combined staff of planners, engineers and architects. Key Technical staff will be involved in every phase so that the project concepts are consistently applied through project completion. We have an exceptionally qualified staff identified that stands prepared to commence work immediately on this important project for SMLI.

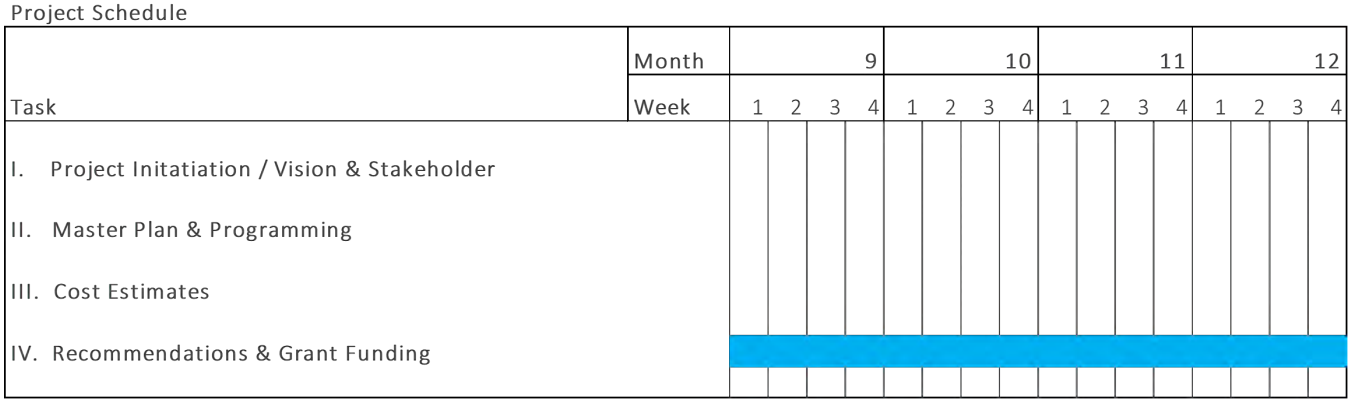
Project Schedule



Project Schedule



Project Schedule



CAMERON ENGINEERING
& ASSOCIATES, L.L.P.

177 Crossways Park Drive, Woodbury, NY 11797, (516) 827-4900
1411 Broadway, Suite 610, New York, NY 10018, (212) 324-4000
303 Old Tarrytown Road, 1st Floor, White Plains, NY 10603, (914) 721-8300

Active Member of ACEC New York

Managing Partner
John D. Cameron, Jr., P.E.
Senior Partner
Joseph R. Amato, P.E.
Partners / Principals
Mark Wagner, CEP
Janice Jijina, P.E., AICP CEP
Nicholas A. Kumbatovic, P.E.
Michael J. Hults, P.E.
Andrew L. Narus, P.E., CCM
Associate Partners
Richard J. Zapolski, Jr., P.E.
Stephen Hadjiyane, P.E., BCEE
Senior Associates
Glenn DeSimone, P.E., CPE
Michael A. De Giglio, R.L.A.
Associate
Sarah Oral, P.E.

June 1, 2022

Science Museum of Long Island
1526 N. Plandome Road
Manhasset, NY 11030
Attn: Trustee Corinne Michels, PhD.

Re: Proposal for a Facilities Utilization and Improvement Plan
Science Museum of Long Island

Dear Trustee Michels:

Thank you for your email to Mr. Zapolski. Below, please find our estimated breakdown of our lump sum fee.

	Task Name	Fee ($)	Notes
I	Vision & Stakeholder Engagement	3,500	Includes: (i) one (1) Kick-off meeting with SMLI to review current uses of the facility and project goals and objectives; and (ii) up to two (2) focus group sessions with stakeholder groups to develop the Master Plan Vision.
II	Master Plan & Programming	12,500	Includes: Items described in Technical Scope of Work (Task II).
III	Cost Estimates	3,000	Includes: Items described in Technical Scope of Work (Task III).
IV	Recommendations & Grant Funding	5,500	Includes: Items described in Technical Scope of Work (Task IV), including support with one (1) grant application.
Total Lump Sum Fee		24,500	

The Cameron Engineering team is excited about the opportunity to work with the Science Museum of Long Island on this important project. Should you have any questions or require additional information, please feel free to contact Richard Zapolski via email at rzapolski@cameronengineering.com, by phone at 516-224-5290 (office) or 516-250-3535 (cell).

Sincerely,

Laura T. Liu
Marketing Director

CAMERON ENGINEERING
& ASSOCIATES, L.L.P.

177 Crossways Park Drive, Woodbury, NY 11797, (516) 827-4900
1411 Broadway, Suite 610, New York, NY 10018, (212) 324-4000
303 Old Tarrytown Road, 1st Floor, White Plains, NY 10603, (914) 721-8300

Active Member of ACEC New York

Managing Partner
John D. Cameron, Jr., P.E.
Senior Partner
Joseph R. Amato, P.E.
Partners / Principals
Mark Wagner, CEP
Janice Jijina, P.E., AICP CEP
Nicholas A. Kumbatovic, P.E.
Michael J. Hults, P.E.
Andrew L. Narus, P.E., CCM
Associate Partners
Richard J. Zapolski, Jr., P.E.
Stephen Hadjiyane, P.E., BCEE
Senior Associates
Glenn DeSimone, P.E., CPE
Michael A. De Giglio, R.L.A.
Associate
Sarah Oral, P.E.

June 1, 2022

Science Museum of Long Island
1526 N. Plandome Road
Manhasset, NY 11030
Attn: Trustee Corinne Michels, PhD.

Re: Proposal for a Facilities Utilization and Improvement Plan
Science Museum of Long Island

Dear Trustee Michels:

Thank you for your email to Mr. Zapolski. Below, please find our estimated breakdown of our lump sum fee.

	Task Name	Fee ($)	Notes
I	Vision & Stakeholder Engagement	3,500	Includes: (i) one (1) Kick-off meeting with SMLI to review current uses of the facility and project goals and objectives; and (ii) up to two (2) focus group sessions with stakeholder groups to develop the Master Plan Vision.
II	Master Plan & Programming	12,500	Includes: Items described in Technical Scope of Work (Task II).
III	Cost Estimates	3,000	Includes: Items described in Technical Scope of Work (Task III).
IV	Recommendations & Grant Funding	5,500	Includes: Items described in Technical Scope of Work (Task IV), including support with one (1) grant application.
Total Lump Sum Fee		24,500	

The Cameron Engineering team is excited about the opportunity to work with the Science Museum of Long Island on this important project. Should you have any questions or require additional information, please feel free to contact Richard Zapolski via email at rzapolski@cameronengineering.com, by phone at 516-224-5290 (office) or 516-250-3535 (cell).

Sincerely,

Laura T. Liu
Marketing Director

June 22nd, 2022

Science Museum of Long Island



516.627.9400 • WWW.SMLI.ORG • INFO@SMLI.ORG

LAUNCHING A BREAKTHROUGH FUNDRAISING CAMPAIGN

Prepared for:
The SMLI Board of Trustees

Prepared By:
Heller Fundraising Group

1526 N. Plancome Road
Manhasset, NY 11030

PROPOSAL MEMO – APRIL 29, 2022

TO: KRISTEN LAIRD AND FARRAH BOSTIC / SCIENCE MUSEUM OF LONG ISLAND
FR: SAMAIA MUHAMMAD, BUSINESS DEVELOPMENT DIRECTOR / HELLER FUNDRAISING GROUP

RE: LAUNCHING A BREAKTHROUGH FUNDRAISING PROGRAM

Your Need

The Science Museum of Long Island has been a vital cultural community resource for 59 years. Your annual fundraising needs and a physical plant that requires renovation require you to quickly and efficiently elevate your fundraising structure. This will, in turn, sustain and strengthen the impact of your mission.

Proposed Scope of Work

The Heller Fundraising Group proposes an initial 3-month engagement focused on analysis, concrete planning, and immediate fundraising implementation. We will set you up for long term fundraising success and train your staff and board in best practices.

All of our consulting engagements use the Heller Group's "6 Elements for Fundraising Success" as the basis for planning and action:

- Dollar Goal
- Case for Support (Your Story)
- Fundraising Committee
- Donors
- Systems and Staffing
- Fundraising Timing

Every nonprofit has a unique set of circumstances, and, as a result, some of these Elements might be well developed, while others need significant time and attention. Our 3-month engagement will be spent working with you on all 6 Elements to build a well-functioning fundraising plan.

We will provide:

- Analysis: Quickly analyze your current fundraising and potential for growth.
    - Coordinate with staff leadership and Board if appropriate.
    - Identify current tactics, donors, and capacity – How much do you currently raise, from what sources and through what actions?
    - Once we have identified your capacity for fundraising, the Heller Group will develop metrics of success including potential results visible within our 3-month engagement.

- Planning: Propose a plan for fundraising growth.
    - Provide a brief, written plan including a road map of immediate improvement to fundraising capabilities.
        - The written plan will contain details of fundraising channels and strategies: major gifts, planned giving, annual fund, etc.
    - Focus attention on the path toward a successful capital campaign.
    - Craft a timeline for actions and results.

- Action: Integrate ramped-up fundraising into current staff and volunteer structure.
    - Work with current staff and board on annual actions with a key focus on major gifts.
    - Materials produced will include: Gift Table, Monthly Activity Metrics, and Top Prospect Tracking Report.
    - Get you started on fundraising prior to end of 3 months.

After the initial 3 months, the Science Museum of Long Island will benefit by continuing to work with us for 18-24 months, especially for planning and executing a capital campaign. Continued work will, of course, be at your discretion.

Consulting Team

When you are ready to start, we will introduce you to a Project Leader selected specifically for the Science Museum from our roster of expert consultants. We will also send you the bios for our team and a list of references for you to check. You will have access to our support team, our proprietary documents for organizing your work, and donor research, if needed. Peter Heller will be available for project kickoff and oversight.

Methodology

Our Project Leader will meet with your designated key contact(s) weekly via video conference to move the project forward. They will also be available by email and phone as necessary. We will set up other meetings with both board and staff leadership for input and insights and to provide training. In person meetings are also an option, at an additional cost.

Your Investment

The proposed fee for the Science Museum of Long Island is $7,950/month ($23,850 total). We ask for a first payment upon signing of our contract and then will invoice you monthly for the remaining payments.

Included in our fees:

- All professional consultant time and expertise;
- Customization of, and training on, all fundraising tools mentioned above;
- Administrative support from our team for document templates, etc.;
- DonorSearch research review of your prospects - this is a subscription-based tool we use to learn about philanthropic giving and wealth.

Additional services not included in this scope of work that you may want (fee TBD):

- Foundation funding strategy.
- Writing of your case for support.
- Campaign feasibility study and campaign fundraising.

The Heller Fundraising Group: Our Firm and Our Perspective

The Heller Fundraising Group has been in business for more than 17 years. In 2004, our founder, Peter Heller, left Columbia University after 10 years on fundraising staff to establish his own consulting firm.

We are a small, hands-on firm operating with 5 staff and approximately 20 consulting partners. We work exclusively with nonprofit organizations as consultants focused on 5 related subject areas: Feasibility Studies, Capital Campaigns, Major Gift Programs, Development Office Assessment, and Training Nonprofit Leaders in all these subjects.

The Heller Group has advised many nonprofits in multiple subject areas, including synagogues and churches, social justice, education, the arts, social services, medicine, children's advocacy, and scientific research.

We have consistently helped our clients raise more money than they have ever raised before.

Our consulting engagements offer you several differentiating factors over other firms:

Abundant success. Our clients are all raising more money, more quickly than ever before … and most importantly, they enjoy working with us.
Only experts. All clients get expert advice informed by our leadership experience and our years of soliciting millionaires and billionaires.
Always unique. Our engagements are designed to your specific needs using best practices and customized materials.
Limitless. We challenge assumptions and think outside the box.
Solution-oriented. We know the answers, or how to get them fast.
Community-focused. We're quick to grasp your unique mission and its impact on philanthropic donors.
Telling your story. We zero in on the irrefutable message of an even stronger future for those you serve, writing a case if needed.

We hope you will select our firm not just because we can get the job done, but also because you want to work with a kind and principled company that has a track record of commitment to a diverse, equitable, and inclusive world.

Please find our client list on the next page.

Client List

Schools and Education
Associated Universities (Washington, DC)
BioBus (NYC)
Brooklyn Free School (NYC)
Brooklyn Friends School, Horizons (NYC)
Community College League of California (CA)
Diller-Quaile School of Music (NYC)
DREAM/Harlem RBI (NYC)
Gordon College (Israel)
International School of Brooklyn (NYC)
Inwood Academy for Leadership (NYC)
John Bapst School (Maine)
Maple Street School (NYC)
Northeast STEM Starter Academy (NY)
Ossining Children's Center (Ossining, NY)
Sant Bani School (NH)
Sciencenter (Ithaca, NY)
Student Advocacy (Elmsford, NY)
SUNY New Paltz (NY)
Vision Education and Media (NYC)

Social Service
Alliance for Positive Change (NYC)
Blue Butterfly (Boston, MA)
Boys & Girls Club of New Rochelle (NY)
Breaking Ground (NYC)
Clubhouse International (NYC)
Family Services (Poughkeepsie, NY)
Family Ties of Westchester (White Plains, NY)
Fountain House (NYC)
Hudson Guild (NYC)
Lantern Community Services (NYC)
Nashua Soup Kitchen and Shelter (NH)
New York Center for Children (NYC)
Rescuing Leftover Cuisine (NYC)
SCO Family of Services (Glen Cove, NY)
Standing Rock Comm. Devel. Corp. (Fort Yates, ND)
Westhab (Yonkers, NY)
Westfair Rides (Mt. Kisco, NY)

Religious Organizations
Brooklyn Heights Synagogue (NYC)
Congregation Beth Elohim (NYC)
Jewish Vocational Services (Southfield, MI)
Judson Memorial Church (NYC)
Northern Virginia Hebrew Congregation (VA)
Park Avenue Christian Church (NYC)
Temple Beth Tikvah (Madison, CT)
Temple Rodef Shalom (Falls Church, VA)
Temple Sinai of Roslyn (Roslyn Heights, NY)

Social Justice
Amnesty International USA (NYC)
Center for Constitutional Rights (NYC)
New Israel Fund (NYC/Israel)
New York Civil Liberties Union (NYC)
OnPoint (NYC)
Service Women's Action Network (NYC)
Westchester Children's Association (NY)
Women of Wind Energy (NYC)

Arts
Airfield Broadcasts (International)
Alliance of Resident Theatres/New York (NYC)
Downtown Community TV (NYC)
Earthdance (MA/pro-bono)
Gotham Early Music Scene (NYC)
Irish Arts Center (NYC)
Kitchen Theater (Ithaca)
Opus 118 (NYC)
Manhattan School of Music (NYC)
Reelworks (NYC)
ShapeShifter Lab (NY)
The Actors' Fund (NYC)
The Picture House (Pelham, NY)
Wingspan Arts (NYC)
Ziegfeld Club (NYC)

Other
American Wine Society (PA)
Boston Foundation for Sight (MA)
Charity Navigator (NJ)
China Institute (NYC)
LifeFlight Foundation of Maine (Camden, ME)
Marconi Society (CA/NY)
Martha's Vineyard Museum (MA)
MendoParks (CA)
National Audubon Society
Queens Botanical Garden (NY)

June 22nd, 2022

Museum of Long Island



516.627.9400 • WWW.SMLI.ORG • INFO@SMLI.ORG

NEW CRM SYSTEM

SALESFORCE

1526 N. Plancome Road
Manhasset, NY 11030

Solution Proposal
May 20th, 2022

Lincoln Liechti, Account Executive
Christine Andrewes, Marketing Cloud Account Executive



What We Heard

Want to bring everything into one place to get a unified view of all data and activities

Want to automate and streamline data reporting & dashboards



Newsletter, donor journeys, segmentation on giving history, brand awareness, nurture & cultivation campaigns

Build a platform like Salesforce that can scale as the organization grows

salesforce.org

Nonprofit Cloud

One integrated platform to transform digitally for the new normal

Fundraising
Create Donor-Centric Experiences

Program Management
Amplify Program Impact



Marketing & Engagement
Find and Engage Lifelong Supporters

Grants Management
Simplify and Accelerate Grantmaking

Nonprofit Success Pack

87% Salesforce nonprofit customers report that their information is more centralised, easier to access, increasing transparency

Automate Supporter Engagement with Pardot

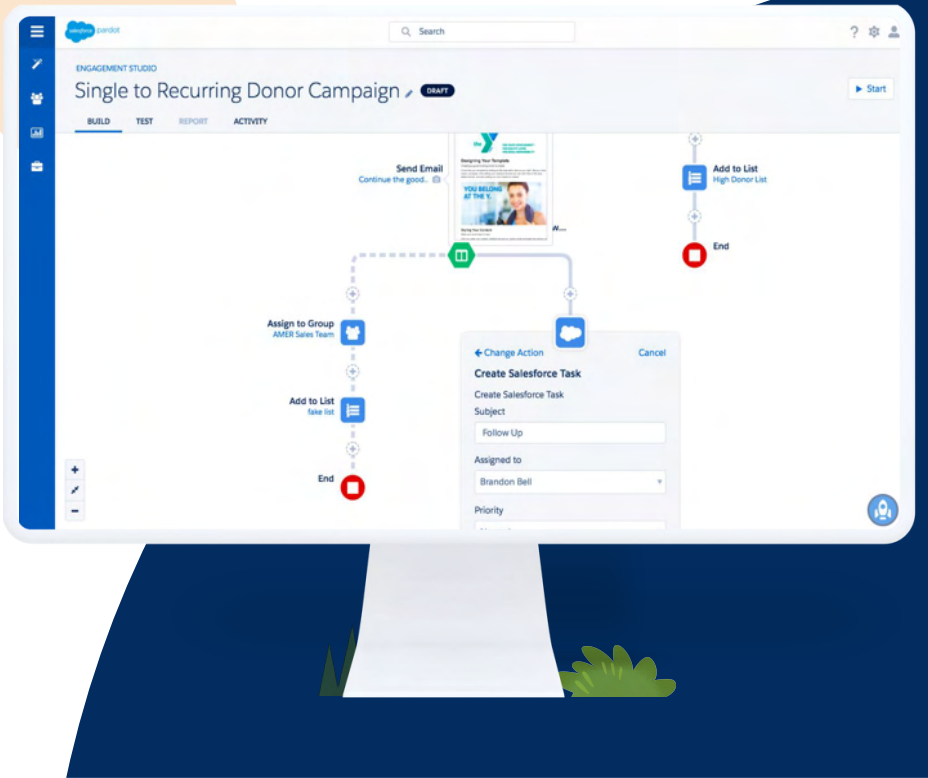
Engage visitors & supporters across every stage of the journey

Segmentation & Email
Create email campaigns that deliver the best results

Forms & Landing Pages
Deliver content based on behavior, interests & preferences

Scoring
Understand who your supporters are and what they care about most

Pipeline Management & Reporting
Generate a pipeline of quality visitors, donors and supporters



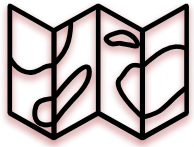
Why Salesforce Marketing Cloud?



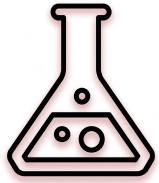
True- Connected Platform



Artificial Intelligence (Einstein)



Journey Builder



Innovation

Premier Success

Personalized guidance to speed time to value and productivity

Get Fast Answers, Anytime

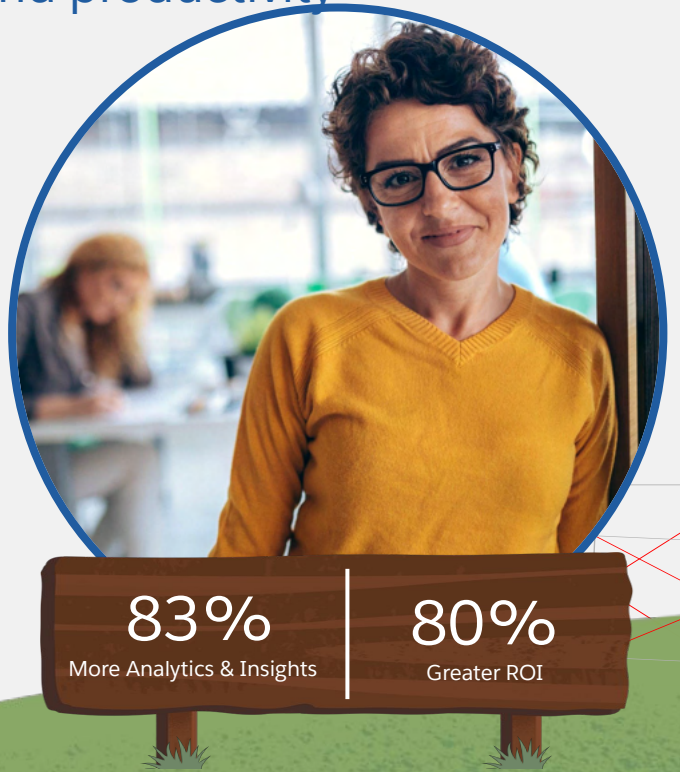
24/7 Support, 1 Hour Response Times

Reach Your Goals with Specialized Expertise

Success guidance and best-practice advice

Solve Challenges with 1-1 Coaching

Accelerators delivered by Certified Marketing Cloud Specialists



ROI & Pricing



ROI AT A GLANCE

salesforce.org

80%

INCREASE
IN EMAIL DELIVERABILITY

32%

REACTIVATE
IN RE-ENGAGING LAPSED DONORS

10%

CONVERSION
RATE IN LEADS TO DONORS

5%

INCREASE
WEB LEADS CONVERTED TO DONORS

30%

GROWTH
AVERAGE GIFT SIZE



SMLI - Proposal

Product	Quantity	Corporate Pricing	Discount	Nonprofit Pricing	SMLI Renewal Pricing (3 year contract)	SMLI Renewal Pricing (5 year contract)
					9% discount	14% discount
Salesforce CRM (NPSP)	1	$21,000	100%	$0		
Premier Success	1	$5,760	50%	$2,880		
Pardot Growth	1	$15,000	50%	$7,500		
Premier Success - Pardot	1	$4,500	50%	$2,250		
Total		$46,260	50%	**$12,630**	**$11,493**	**$10,861**

*3 yr savings = $3,408
*5 yr savings = $8,840

Discount approved through May 2022


Thank You

June 22nd, 2022

Museum of Long Island



516.627.9400 • WWW.SMLI.ORG • INFO@SMLI.ORG

NEW CRM INTEGRATION & IMPLIMENTATION

Agile Cloud Consulting

1526 N. Plancome Road
Manhasset, NY 11030

Agile Cloud Consulting Project Estimate

Weeks:	6-8	
Work Items	**Cost**	**Notes**
NPSP Implementation	$5,940	CRM and donor management setup with grantseeking
Pardot Implementation	$6,930	Email marketing and automation
Data Migration - CRM and Fundraising	$8,910	
Native 3rd Party Connector	$3,960	Engaging Networks or Soapbox Engage. Amilia cost will vary based on Zapier.
Training & Documentation	$2,970	
Project Manager	Included	
Total:	$28,710	

Museum of Long Island

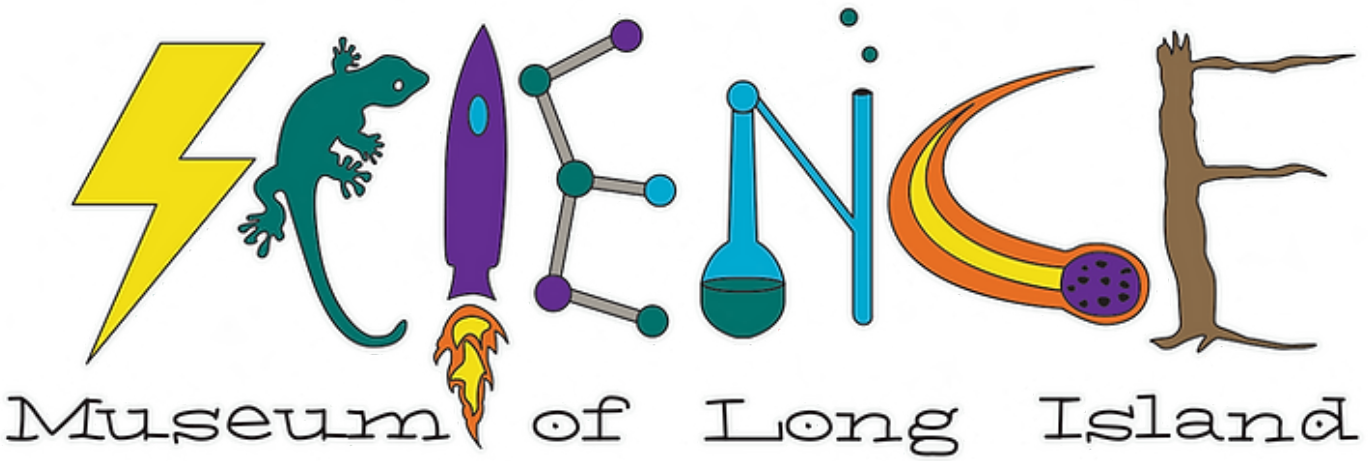


516.627.9400 • WWW.SMLI.ORG • INFO@SMLI.ORG

June 22nd, 2022

ADDITIONAL STAFFING STRUCTURE

1526 N. Plancome Road
Manhasset, NY 11030



Program Administrator – Science Museum of Long Island

The Science Museum of Long Island is currently seeking a highly motivated, talented, and dynamic leader to lead **program administration at our STEM-centric learning center in a full-time capacity**. The Science Museum of Long Island is a not-for-profit science education center located on the Leeds Pond Preserve in Nassau County. The Science Museum offers enhanced science education to children during afterschool & holiday break workshops, school field trips, outreach programs, scout badges and science summer camp. We also offer enrichment workshops for all ages, children's birthday parties and a variety of community events throughout the year. We partner with schools and community center to offer field trips, environmental projects, partnerships, and event opportunities, as well as virtual and off-site programs.

The Program Administrator will assume ultimate accountability for the quality of educational programs offered at the SMLI. Under the Executive Director, the Program Administrator will establish and utilize creative strategies to increase program participation, member retention and program revenue amongst our educational providers. The administrator is responsible for organizing and scheduling all program offerings and establishing high quality standards, adhering to operating procedures, and will exude professionalism when consistently serving community members in a respectful manner. The Administrator is responsible for managing both day-to-day administrative oversight of the building and teaching staff, as well as long-term affairs of the educational curriculum and department.

Responsibilities of this role include:

- Overseeing all program registrations, billings, and payment processing. Includes imputing invoicing, and tracking payments due, customer balances and going to the bank for deposits when requested.
- Developing and managing budgets and cost analysis of all programming offered
- Managing member database by sending renewal reminders and performing a monthly audit of members who have not paid their dues but are still receiving benefits
- Coordinating and scheduling all program requests. Including scheduling and coordinating contracts with school districts, birthday parties, volunteer events, etc in accordance with the calendar timeframe established with the Executive Director
- Interacting with parents and community members regarding programs, scheduling and finding alternative methods to streamline processes using feedback

- Upkeeping the integrity and appearance of building, including all educational spaces, equipment, and resources.
- Assisting in the scheduling and coordinating of building maintenance with contractors, the county, and committee members. Responsible for allocating appropriate resources when problems arise to address matters.
- Purchasing and maintaining inventory of all programs and building supplies. Continuously implementing cost saving techniques without compromising integrity of product or services whenever possible.
- Arranging all program offering registrations on both website pages and posting all upcoming program offerings to various media outlets, social media, and websites.
- Upholding accurate and proper methods of accounting in the back-end system when setting up fees or processing payments.
- Find new ways to connect and collaborate in the community to expand programming and outreach.
- Establish and maintain a positive work environment among the staff and subordinates.
- Oversee all Eagle Scout projects and volunteer projects on the property.
- Implementing and maintaining metrics for all programs for use in grant reports and to evaluate current and future program success. Including but not limited to, numbers of participation, geography, and other metrics needed for grant applications or annual reports.
- Ability to translate and report data in a clear and concise method to the Executive Director when requested.
- Oversee all staff scheduling, systems, and procedures. Review and revise staff systems and procedures to help maximize teacher efficiency while remaining productive, efficient, and organized.
- Conducting program evaluations to all participants and ensuring the timely, organized collection of data to reviewing data with staff to make program improvements.
- Assume tasks and responsibilities as assigned by the Executive Director/CEO
- Support the Executive Director and Board of Directors in external affairs as needed.
- Performing other duties as assigned

Qualifications:

- Bachelor's degree in related field
- At least three years of experience directly related to the duties and responsibilities specified
- Comprehensive knowledge of training plan, curriculum, and aid design and development
- Knowledge of implementation and facilitation of technical, operational, and/or specialty training events and program
- Ability to assess training needs and objectives
- Ability to design, develop, implement, and evaluate responsive programs and initiatives including training plans, curricula, and methodology
- Strong interpersonal and communication skills and the ability to work effectively with a wide range of constituencies in a diverse community

Why Join SMLI?

THE MISSION OF THE SCIENCE MUSEUM OF LONG ISLAND (SMLI) IS TO:

- Stimulate and nurture children’s natural interest in science
- Provide opportunities for children to be actively involved in scientific discovery.
- Allow children to experience the fun and excitement of scientific investigation.

- Teach science through hands-on learning and the development of problem-solving skills.
- Elevate the level of science literacy for people of all ages.
- Nurture and inspire a lifelong interest in science.

The Program Administrator will be expected to work in a full-time capacity (40 hours/week), with availability during the weekends and school holidays based on SMLI's needs and programming schedule. We operate seven days a week, offering early morning and late evening programs, all of which the administrator will be responsible to oversee. A portion of work may be conducted remotely from home with proper access to required materials/equipment.

This position is a full-time administrative position that is exempt from the overtime provisions of the Fair Labor Standards Act (FLSA). In other words, the Director of Education is expected to work whatever hours necessary, including evening, weekend hours, and some holidays to meet the expectations and goals of the role.

Compensation will be commensurate with experience, with potential for a merit-based bonus at the end of the fiscal year. We are proud to offer a robust benefits package for eligible full-time employees, including:

- Health Insurance
- Dental Insurance
- Vision Insurance
- Life Insurance
- Paid Time Off

For further details and to apply, please contact: Pamela Penso, Recruiter, ppenso412@gmail.com.

EOE M/F/D/V

ĊĦKŔŃŊŲŊŖ I ŌŐŔŖŢĦŊŌŖ
ÁÍ ĦĦĎĂÍ ĚÍ Ë Ï Ď A
ÛŲŌŐŔŖŢĦŊŌŖŃŊŊï ŐŖ KŌŖŊŖŖ
fsignorello@yahoo.com

BÆÍ ÅÀÌ ĎĚ Ē Æ

MŁŁŊŽĚMŁL·L· **Ē ŅÚ IJŖŢĦÞ Í ŔŌĎŊŦŲŌŐVĄI ÚŊŌŖÖKŦŇÚI NÖŖŖŲŖŲŌÂÛŲŲŦŊĄ BŇÛNKÚŌŖŔ KŔÑ DÛŖ KŔ ÆŊŮŊŌŖŢŖ ŅŔÚĚĎŔŊŖŖ TŲŊŮŊ**
NŁ NŦŊŇŌŮŊKŦŖŊŇ ÚŖÚKŦŇUĢÖÆĖĖÌ ŅKNÖŌŖÕ KŔÑ ĚŅKŦŖŌŖÕ

MŁŁL· **ÅĖÍ ĖĒ ĖIJĖÊĤÛŊŊŔŲÅŖŲŌŅŌŅ**
Ë Ì ĖBÑI ŅŊŖŔÑKŦV BÑÛNKÚŌŖŔ
Ì ÖŅŲŌŮĉDŖŰ R ÛŮŅÛR UNKŔ TŦŊTKŦŅ TŦŊĚŮŊŦŮŌŊŅÚKNÖŊŦŲĊ

L·ONJO **I ĖÍ ĖĒ ĖIJĖI ÚŖŔVÅŦŖŖÞ Í ŔŌĎŊŦŲŌŐV**
ÅĖI BĢÖVUŌŮLĖ Ë ŌŖŖŢŦŌŖ I NŌĎŔŊŊ BÑÛNKÚŌŖŔ

ĢĦĖ ĊBI I ĎĚ Ē AĚ BĮ ĢBĦĎĖĒ ÅBÆ

AÛŐÛŲÚMŁL·ÑĚ **ÆŌĎŌŖŃŅ Ì ŌŲÑŖŖ ÅKÚŌŖŌŌŅANKÑŅŖ V**ĄÆŖÛŐŌĮŲŖŔ Ē IJ

ĢŦŊŲŊŔÚ I Ì BË ÆĢŊŊŲŖŢ

- ÆŅŲŌŌŖŃŇĄÑŅŲŊŌŖŢŊŇ KŔÑ NŦŊKÚŊŇ UÛŲÚKŌŖKMŌŌŮV TŌĮŔ ÔŖŢ Êĕŷ I Ì BË ĚŅKŦŖŌŖÕ ĚKMÛŲŌŖÕ ŌŖŔŖŮKÚŌŅŲŊÖŖŖŌĮŌŲKŔÑ ŌŅKŦŖŅŦĚŊŊŔÚŊŦŊŇŖ KÚŅŦŌŖŌŲ
- ÆŅŮŊŌĮŢŊŇ KŔÑ ŌŅŇ ĢŦŖÔŅŲŌŖŔKQÆŅŮŊŌĮŢŖ ŅŔÚÔŖŢ MŁ ÚŊKNÖŊŦŲÚ ÖŌÖÖ ŌŖŅŌŅŊŇ TŌĮŔŔŌŖÕ ÚŌŖ ŅĄŌŅŲŲŖŔ Ŗ ŖŇŊŌŖÕĄŅŖ MŊŇŊŊŇ ÚŌŌÖ ÚÖŅŖŢŦVĚMKUŊŇ UÚFKÚŊÕŌŅUKŔÑ KR MŌŌŖÛŲÚŊKNÖŌŖÕ TŦKNÚŌŅŲb
- İ ŖŔ UŅŮŊŦKOŖ ŌŖŌĢÕŦKŔÚÛŌŖŢŦŅŢÛŌŢŖ ŅŔÚ ŌŖŅŌŅÑŌŖÕ ÑŦŖŖŔŅŲĄŅĚÆ TŦŌŖÚŊŦŲĄŅÚŅb
- ÅŦŊKÚŊŇĄŌŅŦKÚŌŅŌĚÚŅŲÚŊŇĄKŔÑ ŖŢÕKŔŌŴŊŇ ŊŁŘ Ē Ç I I KŌĎŔŊŊ NÛŦŦŌÛŌĢ
- Ï ĎĦĦÍ Í I KŔÑ ÆAI A NŊŦÚŌŌŅŊŇ

ATŦŌĎMŁL·ŁĚ **ĢÇ ĊI ÅŖŔÚÛŌĢKŔÚŲ**

ĢŦŊŲŊŔÚ Ï ÖŅŊĢŦŊŲŌŅŊŔÚĄI Ì BË UTŊŊŌĢŌŲÚ
ÅĢŌŅŔÚĚŌŲÚ

- Ē ŅÚ IJŖŢĦÞ DKŌŲŖÔ I NŌĎŔŊŊĄŇŅŲŊŌŖŢŊŇ KŔÑ ŌŅŇ DŌŌÖ I NÖŖŖŲŖŲŌĚ I Ì TŦŖÕŦKR TŦŊTKŦŌŖÕ VŖÛŲÚÖ ÚŖ MŊŅŖŖ ŅŌŖŖŢŦBŲTŌĢŌŖŅŦU
- ÔÛŅŊŔÚÅŖŲŌŅŌŊĄŲŊŦŮŊŇ KU ŅKŦŌV ŅŖŌŅŌŊÕŅ ŌŖĢŌŖŔÚ ŖŢ ÔÛŅŊŔÚI NÖŖŖŲŖŲÔŌŖŢÛĢŦV ŌŖŅÛŲŌŖÕ ŖŔÚ UVUÚŖ ŌŌŖÕ UÚÛÑŊŔÚÑKÚK ÚŦKŔÚÔŦŮĄŌŖ TŌĮŖ ŅŔÚŌŖÕ ŅŖŌŅŌŊÕŅ TŦŊT ÚŖŢŦÞLÖŖŢTUĄKŔÑ NŦŊKÚŌŖÕ ÛŲÚKŌŖKMŌŅTŦŖÚŖŅŖŌĮŌŖŢÚÖŅŅŲÖŖŖŌĮ
- DÛŔÚŌŖÕÚŖŔ ĢÛMŌŅI NÖŖŖŲŌĄĖ ÛÚŦŊKNÖ ŌŖŲÚŦÛNÚŖŢŦ ÑŖŌŖÕ Ē IJI ÚŊŲÚTŦŊT UNŌĎŔŊŊ TŦŖÕŦKR UŌŖ ÖŌÖÖ ŔŊŊÑŲUNÖŖŖŲŌĮKŔÑ ÚŖŢÞŌŖÕ ÚŌÖÖ BĚĚ TŖTÛŌĢÚŌŖŔU
- ÇĢŌĮ I ŅÛÚŲ Í I AĄ ŌŊÑ ÚÖŅ ÕŊŅŔÚÖŌŌKÚŌŖŔ ŖÔ Ì BË ŌŖ ÚÖŅ ŅŲŌŲÚŌŖÕ ĉĚŖÛŦŦŔŅVČ NÛŦŦŌÛŌĢŌŖ ĄKŔÑ TŦŖŲÖŌŊŇ ŅŖKNÖŌŖÕ ÚŖ ÚÖŅ ŅŖÛŔŅŌĢŌŊKÑŊŦŲÚŖ ŅŖ MŊÑ KNÚŌŌÖŌŲÚ ŌŖÚŖ ÚÖŅĢŦ TŦKNÚŌŅŲb ÅŖŖŢŦÑŌŖKÚŊŇĚÛŦŦŖŢÚŊÑ MÑ ÇI Í I A Ì ŦŖŖŢ ĚŅKÑŊŦŲ TKŦÚŌŅŌKÚŌŖŔ ŌŖ ÚÖŅ ĊĢŲÚĚŅÕŖ ĚŅKÔÛŅŊŦĚŲŅŖŖ ŅŖŖ TŅÚŌŌŌŖŔ
- ŦÅ ÆĢŖŅŊŲŅ ŖÔ ÅŦŖŖÞŌŲŔĄ I Ì BË ĚKM ÆŅŲŌŌŖŃŅŦ ĕ ŰŖŢÞŅŊÑ ŰŌÖÖ ń UNÖŖŖŲŌ ÚŖ ÛŦNKÚŊ ŅŲŌŲÚŌŖÕ UNŌĎŔŊŊ ŌĮMU ÚŖ R ŅŲÚ NÛŦŦŅŊŔÚ ŲÚÛÑŊŔÚŲ ŔŊŊÑŲUNÛŦŦ ŰŖŢÞŌŖÕŦŊŊ ÑŅŲŌŖŢR ŅŔÚĄŦŦŖÑÛŊŊÑŦŅŊŖŖ R ŅŔÑKÚŌŖŔUŦŅŢŖŢÚ

I ŅŦÚŖŔ MŊŦŁ·OOÑĚ **Ē ŅÚ IJŖŢĦÞ DKŌŖŔÔI NŌĎŔŊŊĄÛÛŲŊŔÚĄĒ IJ**

ATŦŌĎMŁL·Ł **Ï ĢŖBŖŔÔĢŦŖÔŲŌŌŖŔKQÆŅŲŌŖŢŖ ŅŔÚĚĚÛŔŅ MŁŁŊĚATŦŌĎMŁL·Ł**
ÆĢŊŊŲŔŦŖÔI NŌĎŔŊŊĢŦŖÕŦKR ŲĚATŦŌĎMŁŁÑĚĚÛŔŅ MŁŁŊ
Ë KŔKÕŊŦŖÔI NŌĎŔŊŊĢŦŖÕŦKR ŲĚĚÛŔŅMŁŁĚĚÛŔŅ MŁŁÑ
I ÛŦŅŦŮŌŌŖŢŦŖÔI NÖŖŖŲĢŦŖÕŦKR ŲĚI ŅŦÚBL·OOÑĚĚÛŔŅMŁŁ

- Ë KŔKÕŊÑ ÚÖŅ ŖÚÛŔŅKNÖ KŔÑ ŌŖĚÖŖÛŅ TŦŖÕŦKR U ŌŖŅŌŅÑŌŖÕ ŌŖĚŲŅŮŌŌŅŊ ŌŖÚŖ TŦŊĚŲŅŮŌŌŅŊ ŅŔÚKNÖŊŦŰŌŖKŌŖÕŦŖÕŦKR UĄKÛŊŦĚŲNÖŖŖŲŌĮKŔÑ NKR T TŦŖÕŦKR Ub
- ÆŖÛMŌŅÑ UNÖŖŖŲŌŖÛŔŅKNÖ ŌŖŌĢÕÚŌŌŅŲÛĢŖŖ ŅÑ ÚŖ L·Ñł ÑKVUTŅŦVŅKŦ

- ÅRĚÔRÛŘÑŅFKŘÑ ÅRŖŦÑŌKÚŖŦÔŖŦÚÖŅ ĒIJÅÍ ŦMKŘ AÑŮKŘÚKÕŅ Ņ[UD] ÕŦKÑŅ INŌŅŘŃŅ ĊKĢĒEBUŌŪTŦŖŅŅÚŌŖŌŌKÚŌŅ
- IÛTŅFŮŌŅŅÚKÔŖÔL·MĄKŘÑR KŌKÚKŌŖŅÑKŘŘÛKQTŦŖÕŦKR R ŌKÕNKQŅŘÑKŦ
- ÆŅŮŅQŖTŅÑÚÖŅUNŌŅŘŃŅNŖKNÖŌKÕTŦŖÕŦKR ÔŖŦĒIJÅ AŦNÖÑŌŖŃŅUŅ
- Ì ŦŖÚŅKŘÑÑŅUŌŌŘŅÑNÛŦŦŌŮÛQR ÔŖŦUÚÛÑŅŘÚĄÚŅKNÖŅFUKŘÑÚÖŅTÛMQŌN
- ÌKÛÕÖÚŮŖŦÞUÖŖTUÔŖŦUÚÛÑŅŘÚUKŘÑÚŅKNÖŅFU
- ÆŅUŌŘŃŅÑKŘÑŌR TQNR ŅŘÚŅÑTŦŖÕŦKR R ŌKÕÔŖŦÚÖŅÕŅŘŃŦKQTÛMQŌN

ÌBAÅDŌĒÇ BJ GBHŪDĒ ÅBÆ

MŁŁÑĚMŁŁŅ **AÑŖÛŘŃÚĚŅŅÚŮŦŅFÁÍ ĒIJĄÅŌŮV ÅŖQŅÕŅĄĚŖŘÕŮŌQKŘÑÍ ŘŌŅFUŌŮVĄÅŦŖŖÞQŸŘĄ**
ÅÍ ĒIJÅŌŮV ÅŖQŅÕŅĄĚ ŅÚŌŖÑUKŘÑĚ ŅŃÖKŘÕŮUŖÔINŌŅŘŃŅÌŅKNÖŌKÕ
ĚŖŘÕŮŌQKŘÑÍ ŘŌŅFUŌŮVĚÆŅTKŦÚŖ ŅŘÚŖÔÏ KUŅÛQKŦÌŅNÖŘŖQĶÕVĄĎŘÚŦŖ ÚŖ GÖVUŌŪU

L·OOÑĚL·OOÑ **GÖVUŌŪUÌŅKNÖŅF**
ÊŅŅŘŃŅDŌŌÖINÖŖŖQÆÊŅŅŘŃĄĒD
- ÌKÛÕÖÚK ŮKŦŌŅÚVŖÔÛÛMŅŅŅÚŌŖINŌŅŘŃŅĄTŦŌŖKŦŌQYTÖVUŌŪU

L·OOŁĚL·OON **BKUÚĒŅÚIJŖŦÞÌŦKŘÚŌŮÌŅNÖŘŌKQDŌŌÖINÖŖŖQ**
ĒIJÅ ÅŖKŦÑŖÔBÑÛNKÚŌŖŘĚÌŅŘÛŦŅÌŦKNÞ GQKŅŅR ŅŘÚĚKTTŖŌŖÚŅÑ
- ÌKÛÕÖÚK ŮKŦŌŅÚVŖÔÛÛMŅŅŅÚŌŖ UNŌŅŘŃŅĄTŦŌŖKŦŌQYTÖVUŌŪU

GHBI BĒÌAÌŌĒĒI

IŌŌŘŖŦŅQŌŖĄĊBĄFMŁL·ÑĚTŦŅUŅŘÚGĉÌ ÖKÚŪJÚÖŅÑQŌŌŅFŅŘŃŅMŅÚŮŅŅŘIÌBĚ ĄIÌHBAĚ ĄIÌBAĚ KŘÑDKŘÑŮĚŖŘ
ĚŅKŦŘŌŖÕÅČ GŦŖÔŅUŮŌŖŘKQÆŅŮŅQŖTR ŅŘÚÊŅVŘŖÚŅKŘÑŮŖŦÞUÖŖTUĄĄÅŦŖŖÞQŸŘ ÆŌŖŃŅUŅĤÛŅŅŘUÆŅKŘŃŦVĹÑ
IŌŌŘŖŦŅQŌŖĄĊBĄË KQŅŖŘKÑŖÉBFMŁÑĚ NÚŖMŅFGîIJŖÛĒŅŅŃĎĄÌ ŅŮŅÇŖÚĎÁĚGŦŖŮŌŅŌŖÕIŅŌŅŘŃŅĚKMŖŦKÚŖŦŌŅUÚŖ
INÖŖŖQÚKŘÑÅŖR R ÛŘŌŌŌŅUÌ ÖKÚĚKNÞÌÖŅŖ ĄGKTŅFŦŦŅUŅŘÚŅÑKÚÚÖŅAUŖŅŌKÚŌŖŘ ŖÔINŌŅŘŃŅKŘÑÌŅNÖŘŖQŖÕV
ÅŅŘÚŅFUFAIÌÅGĒKÚŌŖŘKQÅŖŘÔŅFŅŘŃŅĄĚŖUAŘÕŅQŅUĄÅA
IŌŌŘŖŦŅQŌŖĊBĄŅÚKQFMŁŃË KŦŅÖGĄĊĜFUÚÖKŘÑĚŅKŦŘŌŖÕÉĚŖŢÛĜVŌŖIJŖÛŦÅŌQKUJŖŖR
GKTŅFŦŦŅUŅŘÚŅÑKŘÑÚÖŅĒKÚŌŖŘKQINŌŅŘŃŅÌŅKNÖŅFUAUŖŅŌKÚŌŖŘ NŖŘÔŅFŅŘŃŅ
GÖŌQKÑŅQÌÖŌKĄGA
IŌŌŘŖŦŅQŌŖĄĊBĄÊŌŌŘÕŅFÆBĄFMŁŁL·Ë KŦŅÖGÌÖŅÏ ĜFÚÛKQÌ ŌŌŮĒŅÚŮŖŦÞ
ĒKÚŌŖŘKQINŌŅŘŃŅÌŅKNÖŅFAUŖŅŌKÚŌŖŘ FĒIÌAGĒKÚŌŖŘKQÅŖŘÔŮŅŘÚŌŖŘ IÚBĚŖÛŌĄË I
IŌŌŘŖŦŅQŌŖĄĊBĄÅÖŅFŖR KVŅŌĄÉBŅÚKQFMŁŁL·Ë KVGĎŘUŌŅŅÈ ÛÚĚGQKVÕŦŖÛŘÑINŌŅŘŃŅ
ATKTŅFŦŦŅUŅŘÚŅÑKÚÚÖŅARŅŦŌKŘAUŖŅŌKÚŌŖŘ ŖÔĚ ÛŅŅÛRUFAAË GÅŖŘÔĄIÚBĚŖÛŌĄË I
IŌŌŘŖŦŅQŌŖĊBFL·OOŅË KŦŅÖGÎĎŘÔŖŦR KQBÑÛNKÚŖŦUHŖÛŘÑÚKMQÎ ÚÕŌÖHŖMŅFÚHÛŮŅŅQ
ĒKÚŌŖŘKQINŌŅŘŃŅÌŅKNÖŅFAUŖŅŌKÚŌŖŘ FĒIÌAGĒKÚŌŖŘKQÅŖŘÔŮŅŘÚŌŖŘĄÅŖŘÚŖŘĄË A

DĖĒÈĦI

MŁŁÑGAIBIŅÚŅFAŮKŦÑŦŅŅŌŌŘÚĄBUŅŅQŅŘŃŅŌŖAÔŅFUÖŖŖQŅÖŖŖQŦŖÕŦKR R ŌKÕ
GKTŮŘŅFUÖÖŌ ÔŖŦAÔŅFĚŅÖŖŖQBÑÛNKÚŌŖŘ FGAIBG

GHĖĊBIIŌĒĒAĚÅBĦÌŌĒĒÄÀÌŌĒĒ

- GŦŖŮŌŌŖŘKQÚŅKNÖŌKÕŅŅFUŌŌKÚŅĒIJÅÆŅTKŦÚŖ ŅŘÚŖÔBÑÛNKÚŌŖŘ ÔŌŌŅĹŁÑÑŅŅŃŅ
- ĒIJIÚKÚŅÆŅTKŦÚŖ ŅŘÚŖÔBÑÛNKÚŌŖŘ TŦŖŮŌŌŖŘKQŅŅFUŌŌKÚŅĚÅĤ
  ĒIJIÚŅKNÖKŅŅŖÛŘÚĹL·L·ONMŅÑ
- ÅŅŘÚŅFÔŖŦĎŘÔŖŦR KQĚŅKŦŘŌŖÕÔŖINÖŖŖQUFÅĎĚIGŅŅFUŌŌKÚŅÔŖĎŘÔŖŦR KQĚŅKŦŘŌŖÕKÑÌŅKNÖŌKÕ
- ĊĜFUÚĚŅÖŖĚŅKÕÛŅŅŅFUŌŌKÚŌŖŘ
- IJŖÛÚÖAUÚŦŖĒŅÚIÌBĚ ŅÑÛNKÚŌŖŘÚFKŌŖŌŖÕŅŅFUŌŌKÚŅĄDKŦŮKŦÑĚIR ŌÖÖUŖŘŌŌKŘ ÅŅŘÚŅFÔŖŦAUŦŖTÖVUŌŪU

ÈÌDBHBÆÍ ÅÀÌŌĒĒBJ GBHŪDĒÅBI

MŁŁMĚMŁŁŃ **ÍŘÔŅFUÖŮVŖÔIKŘÚKÅŦÛŴĄÅŅŘÚŅFÔŖŦĎŘÔŖŦR KQĚŅKŦŘŌŖÕÔŖINÖŖŖQU**
ÅŅFUŌŌKÚŅÔŖĎŘÔŖŦR KQĚŅKŦŘŌŖÕKÑÌŅKNÖŌKÕ

INTÚŅRMŅF **ÅĚÍ ĒĚIJEÉŖÖŘÉKVÅŖQŅÕŅŖÔÅŦÔŖÔŖKQÉÚUŌŪŅ**

L·OOŁĚL·OOM MŁ ÕŦKÑÛKÚŅNŦŅÑŌÚŅKŦŘŅÑÚŖŰKŦÑUĚ IBÔŖ ĊŖŦŅŘŪŌINŌŅŘŃŅFÔŖŅŖŖTQŅÚŅG

The Science Museum of Long Island is expanding!

We have seen incredible growth and expansion over the last few years, and we are currently seeking **enthusiastic Science Teachers/Instructors** who are passionate about **providing the youth an excitement about science** through active discovery and problem solving.

As a Science Teacher/Instructor, you will join a team that is dedicated to leading educational programs and services for tomorrow's generation of science innovators and explorers, as well as performing general office and museum tasks relating to programming. We are currently seeking educators on a **per diem, part time, or full-time basis.** Hours will vary, however weekend and occasional holiday availability is required.

Highlights of this role:

This is a unique opportunity to establish the future community of science enthusiasts and pioneers, while also gaining experience as an educator in a supportive and dynamic work environment. Our beautiful landscape on the Leeds Pond Preserve in Manhasset, Nassau County offers a variety of work settings; you will have the **opportunity to teach** at:

- Afterschool & holiday break workshops
- School field trips
- Outreach programs with schools and community centers
- Scout badges
- Science Summer Camp
- Enrichment workshops (virtually and in person)
- Birthday parties

Our teachers are crucial to our success at the Science Museum, which is why we are continuously committed to:

Encourage creativity and innovation -

- Through partnership with our Lead Educators in **developing lesson plans** and **implementing new techniques** and methods for teaching programs
- Through **outreach to community centers and school districts** to collaborate and offer programs

Promote leadership skills and continue educational growth -

- By **versing yourself in the existing programs** and disciplines of science offered at the Science Museum.
- In **assisting with training** of new teaching staff.
- Developing skills and aptitude to teach students of all ages with excitement and authentic interest.

Other responsibilities include:

- Attending required training prior to instructing new programs, and sharing knowledge with fellow instructors when necessary
- Answering questions from parents, students, and school administrators regarding programming
- Recording inventory/purchasing materials for program instruction and general office items
- Maintaining a clean and safe work environment for students (before arrival and after departure) and faculty
- Preparing lesson plans and organizing your own programs (preparation, execution, and clean up)
- Performing duties essential to maintaining order of SMLI as assigned by the Executive Director and Director of Education

Qualifications for this role:

- Currently possess or obtain a B.S. or B.A. (education or science majors preferred). Other backgrounds will be considered with prior experience in a teaching setting.
- 2+ years prior experience with childhood education (tutoring, counseling, teaching)
- Interest in science and nature, ability to communicate well to adults and children
- Ability to travel for off-site events
- Flexible schedule to accommodate for weekend and school holiday availability
- Strong interpersonal skills: ability to work well with large groups, staff, and parents/teachers. Ideal candidates are organized and work well independently or as part of a team
- Friendly, creative and upbeat attitude a must in carrying out SMLI's mission to deliver an educational, engaging, and enjoyable learning experience.
- Comfortable handling animals and teaching outdoors

Why Join SMLI?

THE MISSION OF THE SCIENCE MUSEUM OF LONG ISLAND (SMLI) IS TO:

- Stimulate and nurture children's natural interest in science
- Provide opportunities for children to be actively involved in scientific discovery.
- Allow children to experience the fun and excitement of scientific investigation.
- Teach science through hands-on learning and the development of problem-solving skills.
- Elevate the level of science literacy for people of all ages.
- Nurture and inspire a lifelong interest in science.

SMLI operates seven days a week, offering early morning, late evening programs and weekend programs. Availability and flexibility during weekends and school holidays is expected as part of this role, regardless of per diem, part time, or full time employment status.

Compensation will be commensurate with experience, with potential for a merit-based bonus at the end of the fiscal year. We are proud to offer a robust benefits package for eligible full-time employees, including:

- Health Insurance
- Dental Insurance
- Vision Insurance
- Life Insurance
- Paid Time Off

For further details and to apply, please contact: Pamela Penso, Recruiter, ppenso412@gmail.com.

Katherine Melkonian

8 Amherst Road, Port Washington, NY 11050
kmelkonian1@gmail.com • (516) 662-0463 (cell)

Education

Williams College, Williamstown MA (GPA: 3.57) June 2022

- B.A. in Biology
- Studied abroad at DIS Copenhagen Fall 2019
- Relevant coursework: Psychology of Education, Critical Perspectives in Special Education, Psychology 101

Paul D. Schreiber High School, Port Washington NY (GPA: 4.0) June 2017

- Principal's Honor Roll (all quarters)

Teaching Experience

Student Teacher February 2022-May 2022

Mt. Greylock Regional School, Williamstown, MA

- Observed and taught weekly biology lessons to 10th grade students

Senior Music Director September 2019-May 2022

Williams College Aristocows a cappella group, Williamstown, MA

- Ran rehearsals/meetings, taught songs in small groups, arranged compositions, and managed scheduling and group communication/logistics

Science Fellow September 2021-January 2022

Williams College Elementary Outreach, North Adams, MA

- Prepared and taught weekly science lessons to 2nd grade students

Instructor Monitor January 2018-January 2022

Williams College Climbing Wall, Williamstown, MA

- Oversaw safe operation of climbing equipment and taught proper technique

Rowing Coach July 2020-August 2020

Friends of Port Rowing, Port Washington, NY

Teacher Aide June 2018-August 2018

NASSAU BOCES: Carman Road School, Massapequa, NY

- Assisted teacher with the daily learning, feeding and hygiene needs of physically disabled students

Student Teacher

Williams College Bio Eyes Winter Study, Williamstown, MA January 2018

- Designed and taught lessons and small group activities about key scientific concepts for 3rd graders

Volunteer Mentor and Coach March 2016-June 2017

Friends of Port Rowing Adaptive Program, Port Washington, NY

- Coached rowing practices for teens with autism with a focus on interpersonal skills

Writing Tutor September 2016-June 2017

Paul D. Schreiber High School Writing Center, Port Washington, NY

Peer Tutor September 2016-June 2017

Independent, Port Washington NY

Work and Volunteer Experience

Research Assistant
Williams College Immunology Laboratory, Williamstown, MA January 2022-May 2022

- Research examining lung resident memory T-cells
- Literature reviews, experiment design, tissue preparation and animal handling

Physical Therapy Intern July 2021-August 2021
Professional Physical Therapy, Manhasset, NY

- Station setup, patient support and instruction, observation of therapeutic practices and techniques

Medical Scribe: Gynecology and General Surgery Specialty October 2020 - June 2021
Scribe America/Tufts Medical Center, Melrose, MA

- Recorded office visit notes in a secure Electronic Medical Record system

Enumerator August 2020-October 2020
United States Census Bureau, Garden City, NY

- Collection of census data through interviews

Food Bank Volunteer June 2020-August 2020
Shelter Rock Food Pantry, Manhasset, NY

- Food packaging and distribution

Science Research Intern May-August 2019
Northwell Health: Feinstein Institutes for Medical Research, Manhasset NY

- Research examining a link between immunology and neuroscience

Guest Service Worker June-August 2017
Smash Burger, Port Washington NY

- Tended the register, interacted with patrons and bussed tables

Science Research Intern June-August 2016
Long Island University Biology Laboratory, Greenvale NY

- Research examining the biological mechanism behind antiviral cloths

Skills

Customer service skills, Communication skills, Interpersonal skills, Team-building skills, Organizational skills, Leadership skills, Problem-solving skills, Lesson Planning skills, Creativity, Patience, Perseverance.
Basic Lab Safety, Micropipette use, Bacterial plating, Bunsen burner use, Titration, Dissection
Microsoft Office Suite, Google Suite, R

Extracurricular Activities

Williams College Aristocows A Cappella
Williams College Concert Choir and Gospel Choir
Williams College Climbing Club
Symfuni Copenhagen Student Symphony
Williams College Varsity Women's Rowing Team (Bronze at 2018 NCAA championship)
Friends of Port Rowing Women's Team (2016 Youth Nationals)
Pianist, Violinist and Singer

Adam Polatov

51 Dianas Trail
Roslyn, NY 11576
(347)551-0597
adampolatov@yahoo.com

Hard working and disciplined multi-trade worker skilled in land management, customer experience, and hospitality industry. Full-time professional drummer with over 25 years of experience. Solutions oriented, hard working, collaborative, and customer facing.

RELEVANT EXPERIENCE

Roundbush, Locust Valley, NY — *Resident, Land Manager*

July, 2019 - January, 2022

- Oversaw multiple projects including seed and equipment budget, irrigation system implementation, construction of fire pits and wood shed including oversight of 5 workers
- Routine estate maintenance and repairs including painting, wood floor restoration, and construction of new fencing utilizing 100% of materials gathered or harvested from the property
- Cleared trails and parts of the bamboo forest

OTHER EXPERIENCE

Hardings, Manhattan, NY — *Bartender*

August 2017 - Jan 2019

- Full time bartending position
-All opening and closing responsibilities
-Responsible for liquor count at the end of every week
-Contributed to cocktail recipes featured on the menu

Drop Off Service, Manhattan NY — *Bartender*

March 2014 - June 2017

-Local 4am bar
-All closing responsibilities
-Key holding employee
-Responsible for ordering all beer, wine and liquor

SKILLS

Farming, harvesting, clear trails, construction, land management

Budgeting

Band management and booking

Project management

AWARDS

Received a scholarship to attend Berklee College of Music

Performed on the double Grammy Award winning Les Paul album in 2005

EDUCATION

Berklee College of Music. Boston, Mass
August 1999-May 2002

The New School for Jazz and Contemporary Music. NYC
September 2012- May 2013

DRUMMING ACCOMPLISHMENTS

Les Paul and Friends, American Made World Played
-Performed on this double Grammy award winning album in 2005
-Tracks featured Les Paul, Keith Richards, Buddy Guy, Hiram Bullock and Rick Deringer

The AP Jazz Trio-*Drummer, manager and booking agent*
February 2007-present

-Successfully performing for the past 15 years
-Specializing in private events, shows and weddings
-House jazz trio at Copperhill for the past 5 years

Dave Diamond Band
January 2012-present

-Port washington local
-Original rock, blues and americana music
-Full time drummer for 10 years

Half Step
March 2020-present

-Full-time drummer in a widely recognized Grateful Dead tribute band
- Touring the tri-state area

Danke Baby
April 2002-present

-Performing professionally for the past 20 years
-Toured the US and Europe
-Participated in 3 original DB albums
-Responsible for booking and managing

MiloZ funk Band
June 2005-january 2011

-NYC based funk band
-Full time drummer for 7 years
-Toured throughout europe for 4 years

COPPERHILL

234 Hillside Avenue, Williston Park, New York 11596

June 13th, 2022

To Whom It May Concern,

I am writing on behalf of Adam Polotov, regarding the position of Grounds Keeper at Leeds Pond Preserve.

I have known Adam for over 4 years, as he worked for our company as a bartender and our in-house musician.

Over those years, I have gotten to know Adam quite well and can thoroughly vouch for his character and abilities.

Adam is a pleasure to work with because is pleasant with positive attitude. Moreover, I have seen Adam react calmly and analytically to high pressure situations.
Namely, successfully administering the Heimlich maneuver to a restaurant guest in distress.

His love & talent with music, lead to him becoming our in-house musician - subsequently fostering future bookings and relationships with guests for other musical endeavors.

Adam would be an asset to your team. I can confidently recommend him for any position or undertaking that he chooses to pursue.

If you have any questions, feel free to contact me at the above address.

Kind Regards,

Bari Kearns

General Manager/ Owner

COPPERHILL

NEW YORK STATE OF OPPORTUNITY. Department of Health

KATHY HOCHUL
Governor

MARY T. BASSETT, M.D., M.P.H.
Commissioner

KRISTIN M. PROUD
Acting Executive Deputy Commissioner

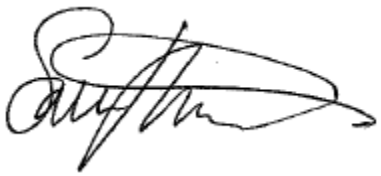
June 14, 2022

To Whom it May Concern,

I am the Director of Adult Special Populations at the New York State Department of Health in the Medicaid Policy division. I have known and Adam for 5 years and during that time I have witnessed his work ethic, considerable skill, and the high standards to which he holds himself. I have worked in the non-profit sector for over a decade and have relied on Adam to help me organize work events on a budget. In his capacity as bar manager at Harding's Bar and Restaurant in the Flatiron District, he has on a number of occasions helped me draw up a budget, manage multiple details and timelines, and has executed flawlessly. Adam builds friendly, collaborative, trusting relationships wherever he goes, and I have seen him stay calm, reassuring, and effective in high-stress environments.

I have also been invited to spend considerable time at Round Bush, a lovely historic estate built by the JP Morgan family in 1905 in Locust Valley. Round Bush boasts about 10 acres of land which includes a small farm, trails through the woods, a small bamboo forest, and groomed grounds. I have seen Adam at work on numerous occasions tending to all areas of the property: planting, tending to, and harvesting the farm; clearing trails; rebuilding a historic stone wall; and adding important infrastructure to the estate. I witnessed Adam directing a crew of 5 people to build a woodshed with a $10k budget, and single handedly building an impressive stone fire pit. Adam was drawn to Round Bush because of its beauty and historical significance, he has told me that his reverence for the property is what drove him to work so hard to leave it better off than he found it - I can understand why he is interested in The Leeds Pond Preserve and the historic structures therein.

Please feel free to call or e-mail me at any time to further discuss Adam's qualifications.
Regards,



Sarina Master
Director of Adult Special Populations, Policy and Programming

New York State Department of Health
Office of Health Insurance Programs
90 Church Street
New York, NY 10007
617-645-5483
Sarina.master@health.ny.gov