

MAURICIO GONZALEZ

* maougon@gmail.com * www.harborseals.org *

OBJECTIVE: Effectively produce and utilize innovative pedagogical techniques and opportunities to bridge the STEM gap affecting our underrepresented, inner-city youth.

PROFILE

- * Winner 2018 - 2019 NYC teacher of the year – Big Apple Award
 - * Founder and Director of the New York Harbor SEALs Civic Science Monitoring Program
 - * Founder and Director of the Marine Biology Research Program through NYSED
 - * Curriculum creation in marine biology leading to GIS certification and 21 college credits
 - * World Trade Center 9/11 volunteer with the American Red Cross
 - * Bilingual: English - Spanish, and knowledge of French
 - * Black Belt in Martial Arts (Kendo 3D, Aikido 2D, and Iaido Intermediate)
 - * Myers-Briggs: INTJ; Holland Code: ICR; critically minded, problem solver, creative, over-achiever, reliable, honest, hard-working, justice oriented, striving to improve my small talk skills.
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SKILLS

- * Secondary Education STEM Instructor, project management, curriculum writing, public speaking, technical reading/writing, ocean water quality analysis, benthic grab analysis, neuston/manta tow analysis, plankton analysis, instrumentation (YSI EXO2), Genetic Barcoding, 3D printing, Microsoft suite, ArcGIS, ArcPAD, Trimble GPS, PRIMER/Permanova, IT experience, hydroponics, aquaponics, aeroponics, RAS, Advanced & Rescue PADI SCUBA Diver
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EDUCATION AND PROFESSIONAL CREDENTIALS

- * **Post Master of Science** in Education Leadership; SUNY Stony Brook, NY * 3.97 G.P.A. * Suma Cum Laud
 - * **Master of Science** degree in Education; Touro College; N.Y. * 3.84 G.P.A. * Magna Cum Laud
 - * **Bachelor of Science** degree in Marine Biology; Jorge Tadeo Lozano University; Colombia, South America. * Full scholarship * Successful Dissertation Defense * 3.7 G.P.A.
 - * Initial & Professional NYSED Licenses in School Building Leadership & School District Leadership
 - * Permanent NYSED Licenses in Biology and General Science Extension for grades 7-12
 - * Professional NYSED Career and Technical Education License in Natural Resources and Ecology
 - * Professional NYSED License in Work-Based Learning Coordinator and Career Development
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SYNERGISTIC ACTIVITIES AND AWARDS

- * **Civic Science Projects** restoring eel grass and oysters & monitoring water quality in the HRE in partnership with the Rozalia Project, TNC, OpenBox, CIVITAS, NYDEC, EPA, USACE, Fordham U., LDEO, Manhattan College, CUNY Grad Center, St. Francis College, NYU, City College, CB 10, Harlem River Park Task Force, and Harlem CDC, Earth Matter, ConEdison, SEA SAVERS Inc., among others; **2005-on**
 - * **CIVITAS Partnership:** Awarded USD 18,000 as principal investigator for managing baseline and environmental monitoring of Harlem/East River to propose rebuilding of esplanade; **2015-2018**
 - * **UFT Outstanding Career and Technical Teacher Award. 2015**
 - * **AFL-CIO CTE Workforce Development Summit:** Invited to present College and Career Readiness in CTE with Vice President Joe Biden in attendance; **2014**
 - * **Environmental Protection Agency:** Awarded USD 25,000 as principal investigator for Citizen Science Grant – Harbor SEALs No. X5 96298212-0; **2012-2015**
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APPOINTMENTS

- 12/2001 – present **City of New York, Department of Education**
 - * STEM research educator at the secondary school level; Grades 6-12; Science Research, Oceanography, CTE, Living Environment, Mathematics, Botany;
 - Leadership: Work-Based Learning Coordinator
- 01/2011 – present **State University of New York at Albany and Stony Brook**
 - * Adjunct professor of research and oceanography

References Available Upon Request