

Marsilio Mark Langella

67 Fassitt Drive
Mahopac, N.Y. 10541

Phone #845-621-6533
Email langella@Pwista.com

Education	<p>1992 - 1996 Lehman College M.A. Biology / Education</p> <ul style="list-style-type: none"> ▪ Molecular Biology Concentration <p>1984 – 1988 Manhattan College B.A. Chemistry</p> <ul style="list-style-type: none"> ▪ Analytical Chemistry Concentration
Employment	<p>1994-Present Mahopac, NY Putnam/Westchester Industry and Science Teacher Alliance – Founder and Coordinator- PWISTA</p> <ul style="list-style-type: none"> ▪ Established Science Teacher Professional development programs in Westchester and Putnam County ▪ Coordination of donation of over a million dollars of laboratory equipment to local schools in the local county areas <p>2001-Present Mahopac High School, Mahopac, NY Chemistry Instructor</p> <ul style="list-style-type: none"> ▪ Instructor of AP Chemistry , Advanced Chemistry and General Chemistry ▪ Established First AP Chemistry Program ▪ Established SUPA Chemistry Articulation Program for Sophomore Students ▪ Science Research Instructor, First ISEF Candidate, 2010-2012 <p>1993- Present Middle States College Board Advanced Placement Chemistry Consultant</p> <ul style="list-style-type: none"> ▪ AP Chemistry Consultant Adjunct Professor -Hofstra University, Manhattan College and Molloy College Summer ASPI Programs <p>2000-Present Middle States College Board Advanced Placement Summer Institute Director</p> <ul style="list-style-type: none"> ▪ ASPI Director Mahopac High School <p>2005-Present Syracuse University Adjunct Professor Chemistry</p> <p>1990 -2009 BASF-CIBA Specialty Chemicals, Tarrytown, NY Education Program Consultant, Chemistry HS Institute</p>

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	<p>1996 - 2001 Harrison High School, Harrison, NY Chemistry Instructor / Harrison H.S. Research Program Coordinator/Technology Curriculum Specialist</p> <ul style="list-style-type: none">▪ Established Harrison H.S. Research Program▪ Established and Helped Integrate Computers in all Departments▪ Re-instituted Advanced Placement Chemistry Program▪ Instructor for Computer Integration Courses for District Technology Department▪ Instructor of Regents and Advanced Placement Chemistry <p>1990 - 1996 Saunders High School, Yonkers, NY Chemical Technology Instructor and Coordinator</p> <ul style="list-style-type: none">▪ Established and Authored New York State Chemical Technology Curriculum▪ Established and co-authored Million Dollar Tech Prep Grant▪ Established Computer Lab and Computer Integration Activities for Science Department▪ Co-author of New York State Tech Prep Curriculum – Integrating Technology and Science in the classroom▪ Established First Science Research Program in Yonkers Public Schools▪ Co-author of Environmental Technology Curriculum for High School▪ Coordinated Advisory Craft Committee for Technology Programs▪ Presented Tech Prep Program for NYSED at State Education Conferences▪ Established Advanced Placement Chemistry Program at High School <p>1990-1992 Westchester Community College, Valhalla, NY Pollution Abatement Technology Adjunct Professor</p>
Summary of Qualifications	<p>1995 New York State Education Department Permanent Certification (Grade 7-12)</p> <ul style="list-style-type: none">▪ General Science▪ Chemistry▪ Chemical Technology Education

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<p>Professional Memberships and Presentations</p>	<p><i>Alliance of Chemistry Educators- Coordinating Board Member, 1990 – 2001, Established Chemistry Network meetings for Local Chemistry Teachers</i></p> <p><i>New York State Technology Teachers Association- member, 1990 – Present</i></p> <p><i>Hudson Valley Council of Technological Societies – Coordinating Board Member, 1998- Present</i></p> <p><i>Westchester STANYS -Chemistry State Area Representative, - 2007- 2009</i></p> <p><i>Westchester STANYS Professional Development SAR- 2009- 2012, Coordinator of Annual Spring Conference, Pace University</i></p> <p><i>Teaching Center at SUNY Purchase – Coordinating Board Member, 1999- 2002, Established Science Professional development Opportunities.</i></p> <p><i>Chemical Manufacturers Association Responsible Care Management Advisory Team- 1994</i></p> <p><i>STANYS MEMBER 1990-Present, Presented at 2004, 2005, 2006, 2007, 2008 STANYS Annual Conference</i></p> <p><i>ACS –NERM , Sacred Heart University Presenter “Intermolecular Attractions” , July 2005</i></p> <p><i>Science Council of NYC, 28th Annual SCONYC Conference, April 16th, 2005</i></p> <p><i>Project Kaleidoscope Hudson Valley Regional Network Poster Presentation, Mount Saint Mary College, March 12th , 2005</i></p> <p><i>Westchester Education Coalition , “Technology Issues Facing Schools Today”, IBM Training Center, Harrison HS Project Showcase, March 26th, 1998</i></p> <p><i>Project STIR Advisory Committee, Education Consultant , CUNY , 1993-1997</i></p> <p><i>Project –STIR Laboratory Technology and Classroom Activities Institute, Leman College and Saunders HS 1994-1996</i></p> <p><i>Annual Spring Conference CUNY-STIR , “Teacher Enhancement Programs in Industry” Chemists’ Club, NYC June 4th, 1997</i></p>
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Publications	<p><i>"AP Chemistry Sample Syllabus 4"</i> Syllabus 1029721v1, College Board, pub May 2013</p> <p><i>"Intermolecular Forces Demonstration Kit"</i>, Flinn Scientific, pub. January 2006</p> <p><i>"Intermolecular Lab Kit"</i> Flinn Scientific, pub. January 2006</p> <p><i>"Create A Gas Chromatograph"</i>, Flinn Scientific, pub. January, 2005</p> <p>Co-author of <i>Purchase Teacher Center Chemistry Demonstration Handbook</i>, SUNY Purchase Teaching Center- pub. 1999</p> <p>Co-author of <i>Saunders High School Tech Prep Curriculum</i>, New York State Occupational Education Department – pub. 1992</p> <p>Author of <i>New York State Chemical Technology Curriculum</i>- New York State, Occupational Technology Education Department – pub. 1990</p>
Awards	<p>Science Teachers Association of NY- Westchester Division Service Award- 2010</p> <p>Alliance of Chemical Engineers, Tappan Zee Section , 1995 AIChE National Outstanding Environmental Teacher of the Year- 1995</p> <p>Manhattan College Sigma XI, the Scientific Research Society, Science Teacher of the Year – 1994</p> <p>Yonkers Public Schools, Technology Education Teacher of the Year – 1994</p>