



Marsilio Mark Langella

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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>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 program for Sophomore Level <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



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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 <p>2005 Syracuse University Project Advanced Chemistry Adjunct Professor</p> <p>1993 College Board Advanced Placement Chemistry Consultant</p> <p>2000 College Board Advanced Placement Institute Director</p>
Professional Memberships	<p><i>Putnam/Westchester Industry and Science Teacher Alliance</i> – Founder and Coordinator, 1990-Present, Established Science Teacher Professional development programs in Westchester and Putnam County</p> <p><i>Alliance of Chemistry Educators- Coordinating Board Member</i>, 1990 – 2001, Established Chemistry Network meetings for Local Chemistry Teachers</p> <p><i>New York State Technology Teachers Association-</i> member, 1990 – Present</p> <p><i>Hudson Valley Council of Technological Societies</i> – Coordinating Board Member, 1998- Present</p> <p><i>Teaching Center at SUNY Purchase</i> – Coordinating Board Member, 1999- 2002, Established Science Professional development Opportunities.</p> <p>STANYS MEMBER 1990-Present, Presented at 2004, 2005, 2006 STANYS Conference</p> <p>ACS –NERM Presenter “Intermolecular Attractions”, July 2005</p> <p>Westchester Section STANYS Chemistry State Area Representative 2006-Present</p>



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Publications	<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 Education Department – pub. 1990</p> <p>“Create A Gas Chromatograph”, Flinn Scientific, pub. January, 2005</p> <p>“Intermolecular Forces Demonstration Kit”, Flinn Scientific, pub. January 2006</p> <p>“Intermolecular Lab Kit” Flinn Scientific, pub. January 2006</p>
Environmental & Industrial Experience	<p>1990 - Present CIBA Specialty Chemicals, Tarrytown, NY Education Program Consultant</p> <p>1994 - Present College Board , Middle States Regional Office AP Chemistry Consultant</p> <p>2001 - Present College Board , Middle States Regional Office AP Summer Institute Director</p> <p>1990-1992 Westchester Community College, Valhalla, NY Pollution Abatement Technology Adjunct Professor</p> <p>1992 - 1993 Pfizer Corp., New York, NY Educational Lab Design Consultant</p>
Awards	<p>Alliance of Chemical Engineers, Teacher of the Year- 1995</p> <p>Manhattan College Sigma XI, Science Teacher of the Year – 1994</p> <p>Yonkers Public Schools, Technology Teacher of the Year – 1994</p>