

WILLIAM A. TRAMONTANO

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Higher Education

1981 - Ph.D.	New York University	Physiology Major, Cell Biology Minor
1979 - M.S.	New York University	Biology
1976 - B.S.	Manhattan College	Biology

Administrative Experience

2012 – Present	Provost & Senior Vice President for Academic Affairs Brooklyn College, CUNY
2008- 2012	Provost & Vice President for Academic Affairs Brooklyn College, CUNY
2003 – 2006, 2007 – 2008	Dean of Natural and Social Sciences, Lehman College, CUNY
2006 – 2007	Acting Provost and Vice President for Academic Affairs, Lehman College, CUNY
2001 - 2003	Program Director, Howard Hughes Medical Institute Biological Sciences Grant
1988 – 2002	Chair, Biology Department, Manhattan College/College of Mount Saint Vincent
1991 - 1996	Program Director, Howard Hughes Medical Institute Biological Sciences Grant

Teaching Experience

2008 – Present	Professor, Biology, Brooklyn College, CUNY
2003 - 2008	Professor, Biological Sciences, Lehman College, CUNY
1991 – 2003	Professor, Biology, Manhattan College
1987 – 1991	Associate Professor, Biology, Manhattan College
1981 – 1987	Assistant Professor, Biology, Manhattan College

Academic Honors

October 2002	Distinguished LaSallian Educator Award, Manhattan College
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Grants - Principal Investigator

1. NIH-MBRS/SCORE - Program Director
Lehman College (2004 – 2007) \$2,450,000 per year.
2. PSC-CUNY – Principal Investigator - (\$3,200)
Acetyl Tranferases and Methionine Metabolism (07-2005/06-2006)
3. PSC-CUNY – Principal Investigator – (\$4,900)
Root Meristems of Pisum sativum (05-2004/06-2005)
4. HOWARD HUGHES MEDICAL INSTITUTE - Program Director

Undergraduate Biological Sciences Education Initiative (2000-2004) \$900,000

5. NATIONAL SCIENCE FOUNDATION (NSF), Academic Research Infrastructure. Rebuilding the undergraduate biology research laboratories (1997-1999) \$375,000
6. HOWARD HUGHES MEDICAL INSTITUTE - Program Director Undergraduate Biological Sciences Education Initiative (1991-1996) \$500,000
7. WORLD WILDLIFE FOUNDATION 1990, Determination of lead content in Brazilian Caiman \$7,000
8. PEW FOUNDATION SUMMER RESEARCH GRANT 1989, 1990, 1991 and 1992 \$10,000 per year
9. NIH-NIGMS Poly (ADP-ribosyl)ation and G2 arrest in pea root meristems 1986-1987 \$68,000

Grants - Co-Principal Investigator

1. U.S. DEPARTMENT OF EDUCATION, Office of Post-Secondary Education, Re-equipping the Introductory Biology Laboratory, (with F. Bocchino) 2001-2004 \$204,000
2. MERCK UNDERGRADUATE SCIENCE RESEARCH PROGRAM, (with P. Kerrigan and S. Rudnick) 2000-2002 \$60,000

Service to The City University of New York (2003 – Present)

2003 – 2008	Research Deans Committee
2003 – 2008	Louis Stokes Alliance for Minority Participation in Science (NSF)
2004 – 2005	Student Fellowship Advisory Committee
2004 – 2006	CUNY General Education Committee
2006 – 2007,	
2008 – Present	Academic Council of University Provosts
2006 – 2007	Taskforce on Restructuring on Doctoral Education in the Sciences
	a) Recruitment Sub-Committee
	b) Teaching Sub-Committee
2008 – Present	Governing Board, CUNY School of Public Health
2011 – 2012	Deans' Search Committee, CUNY School of Public Health
2010 – Present	CUNY Institute of Health Equity, Board member
2010, 2012	Search Committee, Associate Dean Macaulay Honors College, CUNY
2012 – Present	CUNY Pathways Implementation Committee; Pathways Advisory Committee
2011 – Present	CUNY Space Guidelines Committee
2012 – Present	Science & Resilience Center @ Jamaica Bay Governing Board
2016 – Present	Selection Committee for Virtual Bookstores
2016 – Present	Stakeholders Advisory Committee with McKinsey Consulting

Service to Brooklyn College – The City University of New York (2008 – Present)

2008 – Present	President's Cabinet
2008 – Present	Provost's Academic Council
2008 – Present	Policy Council
2008 – Present	Faculty Council
2008 – Present	Council on Academic Policy

2008 – Present	Promotion & Budget Committee
2008 – 2009	College Review Committee
2008 – 2011	Divisional Review Committees
2008 – Present	Pre-Law Advisory Council
2008 – Present	Pre-Medical Advisory Council
2008 – Present	Brooklyn College Foundation (Ad-Hoc)
2008 – 2009	Middle States Steering Committee (Chair)
2008 – Present	Technology Fee Committee
2008 – Present	Co-Chair Steering and Working Committees for the new Science Building & current Science Building renovation (Mitchell Giurgola, architects)
2009-2011	Co-chair Facilities Master Plan Steering and Working Committees (Pfeiffer Associates, architects)
2009-2011	Strategic Planning Executive Committee
2011 – 2012	Chair, Search Committee for Vice President for Finance & Administration
2012 – 2014	Chair, Periodic Review Report (Middle States)

Service to Lehman College – The City University of New York (2003 – 2008)

2006 – 2008	Middle States Self Study Committee
2003 – 2004	Middle States Periodic Review Report Team
2003 – 2005	Advising and Scheduling Committee
2003 – 2006,	
2007 – 2008	Research and Scholarship Committee
2003 – 2008	Lehman College Strategic Planning Committee
2004 – 2005	CASE Development Committee
2004 – 2008	Institutional Bio Safety Committee
2004 – 2008	Mission, Vision, Values Committee
2004 – 2008	Radiation Safety Committee
2004 – 2008	Lehman College Science Facility Executive Committee
2004 – 2008	Lehman College Science Facility Programming Committee
2004 – 2008	Student Scholarship Committee
2004 – 2008	Technology Fee Committee
2004 – 2008	Technology Oversight Committee
2005 – 2008	Campaign Planning Group
2005 – 2008	Market Share Branding Committee
2005 – 2008	Steering Committee for Teaching Academy
2006 – 2007	Chair, Tenure and CCE Committee
2006 – 2007	Chair, Promotion Committee
2006 – 2007	Chair, Fellowship Awards Committee
2006 – 2007	Chair, Distinguished Professor Committee
2006 – 2008	College Senate and FPB Joint Committee on the Budget
2006 – 2008	College Faculty Personnel and Budget Committee
2006 – 2007	President's Cabinet
2007 - 2008	Search Committees for VP Devo, AVP Enroll. Mgmt.

Service to Manhattan College (1981 – 2003)

1984 – 2003	Health Professions Advisory Committee (Chair; 1992 – 2003)
1985 – 1986	Secretary, Athletics Committee (Division I Program)
1985 – 1999	Chair, Athletics Committee (Division I Program)
1987 – 1993	School of Arts and Sciences Curriculum Committee

1990 – 1991	Chair, Middle States Self Study – Student Resources
1991 – 1995	Task Force for College-Wide Core Curriculum
1992 – 1995	Chair Promotion and Tenure Committee
1993 – 2003	Chair, Medical Advisor for Manhattan College
1993 – 2002	Dean's Council, School of Science
1994 – 1996	Steering Committee on NCAA accreditation –Fiscal Integrity Sub-Committee Chair
1994 – 1996	Educational Affairs Commission
1997 –2000	Chair, Promotion and Tenure Committee
1996 – 2000	Educational Affairs Commission
2000 – 2001	Chair, Middle States Self Study – Faculty Resources
2002 – 2003	Faculty Council Sub-Committee on Workload
2002 – 2003	LaSallian Education Committee

Service to the Profession (2004 – Present)

2004 – Present	IACUC Wildlife Conservation Society (Bronx Zoo)
2011 – Present	IRB Committee Wildlife Conservation Society (Bronx Zoo)

Publications

1. Hodges, R., Messam, C., Muslim, R., Soto, J., Martinex, D., Aumann, K., Yoshizu, A., Tramontano, W.A. and Murphy, J.D. 2014. *Pisum sativum* vitamin B-12 independent methionine synthase mRNA. GenBank, accession number KJ 890480.
2. S. Gafney, V. Williams, P. Flynn, R. Carlino, C. Mowry, E. Dierenfeld, C. Babb, J. Fan, and ----. (2004). Tannin/Polyphenol effects on iron solubilization *in vitro*. BIOS. 75: 43-52.
3. J.P. Murphy, F. Bethelmie*, S. Seow*, J. Papile*, M. DiMiceli*, and ---- 2003. Gene expression in pea root meristems treated with deacetylase inhibitors. BIOS. 74: 16-21.
4. J.P. Murphy, J.P. McAleer*, A. Ugliarolo*, J. Papile*, J. Weniger*, F. Bethelmie*, and --- 2000. Histone deacetylation inhibitors and cell proliferation in pea root meristems. Phytochemistry. 55: 11-18.
5. ----, and C. Barriero* 1997. Alterations in pea root meristem proteins after butyrate exposure. Phytochemistry. 46: 991-995.
6. ----, and D. Jouve* 1997. Trigonelline accumulation in salt stressed legumes and the role of other osmo-regulators as cell cycle control agents. Phytochemistry. 44: 1037-1040.
7. ----, and C.S. Scanlon* 1996. Cell cycle inhibition by sodium butyrate in legume root meristems. Phytochemistry. 41: 85-88.
8. ---, P. Gelardi* and D. Jouve* 1994. Incorporation and cell cycle effects of short-chain fatty acids in pea meristems. Phytochemistry. 36: 19-21.
9. ----, D. Ganci*, M.A. Pennino and E.S. Dierenfeld. 1993. Distribution of tocopherol in early foliage samples in several forage crops. Phytochemistry. 34: 389-390.
10. ----, D. Ganci*, M.A. Pennino and E.S. Dierenfeld. 1992. Age-dependent-tocopherol concentrations in leaves of soy bean and pinto beans. Phytochemistry. 31: 3349-3351.
11. ----, and J. Keller*. 1992. Nucleoli number of pea root meristems exposed to short-chain fatty acids. Life Sci. Adv. (Phytochem.) 11: 17-20.
12. ----, A.R. DeLillo*, S.Y. Yung*, C. Natarajan*, and C.M. Kearns*. 1991. Short chain fatty acid induced effects on the cell cycle in root meristems of *Pisum sativum*. Physiologia Plantarum. 82: 79-84
13. ----, and D.C. DeCostanzo*. 1990. Modification of pea root meristem nuclei protein by poly (ADP-ribose). Phytochemistry. 29: 2797-2799.
14. ----, D.C. DeCostanzo* and A.R. DeLillo*. 1990. The effect of butyrate on the cell cycle in root meristems of *Pisum sativum*. Physiologia Plantarum. 78: 351-354.
15. ----, D.A. Phillips*, C.A. Carman* and A.M. Massaro*. 1990. Nuclear incorporation of [ade nine 14C] NAD is altered by compounds which affect poly (ADP-ribose) formation. Phytochemistry. 29: 31-33.
16. ----, C.A. Carman*, M.J. Sarrantonio*, and A.M. Massaaro*. 1989. The effect of cell cycle regulator on protein profiles in cultured root meristems of *Pisum sativum*. Env. & Exp. Bot 29: 317:322.
17. Evans, L.S.,----, and R. Gill*. 1987. A natural substance that regulates the cell cycle in complex plant tissue. Phytochemistry. 26: 2891-2893.
18. ----, F.M. Gallousis*, and D.A. Phillips*. 1987. The effect of inhibitors and promoters of poly (ADP-ribos)ation on cell arrest in G2 caused by trigonelline in roots of *Pisum sativum*. Env. & Exp. Bot 27: 463-472.
19. Lynn, D.G., Jaffe, K., M. Cornwall, and ----. 1987. Characterization of an endogenous factor in controlling the cell cycle of complex tissues. J. Amer. Chem. Soc. 109: 5858-5859.
20. ----, L.S. Evans, P.A. McGinley* and E. Ciancaglini*. 1986. A survey trigonelline concentrations in the dicotyledonae. Env. & Exp. Bot. 26: 197-205.
21. ----, L.S. Evans, P.A. McGinley*, and E. Cigancaglini*. 1985. Effects of cytokinins on metabolism of nicotinic acid in cultured roots of various legumes in relation to cell arrest in G2. Env. & Exp. Bot. 25: 393-400.
22. ----, L.S. Evans, P.S. McGinley*. 1985. Effects of cytokinins on promotion of cell arrest by

- trigonelline and trigonelline concentrations in cultured roots of *Pisum sativum*. *Env. & Exp. Bot.* 25: 83-88.
23. Evans, L.S., ----, R.F. O'Connor*, R. Gill*, and E. Ciancaglini*. 1984. Metabolism of nicotinic acid and nicotinamide in cultured and seedling root of *Pisum sativum* in relation to promotion of cell arrest in G2. *Env. & Exp. Bot.* 24: 283-292.
 24. Evans, L.S., ----. 1984. Trigonelline and promotion of cell arrest in G2 of various legumes. *Phytochemistry* 23: 1837-1840.
 25. Evans, L.S. and W.A. Tramontano. 1984. In: *Bioregulators*. Ory, R.L. and F.R. Rittig, Eds. Amer. Chem. Soc. Symp. Series 257. Wash., D.C.
 26. ----, Lynn, D.G., D.H. Lewis, ----, and L.S. Evans. 1984. Induction of cell arrest in G2: Structural specificity of trigonelline. *Phytochemistry* 23: 1225-1228.
 27. ----, D.G. Lynn and L.S. Evans. 1983. Trigonelline, nicotinic acid and nicotinamide in seedlings of *Pisum sativum*. *Phytochemistry*. 22: 673-678.
 28. ----, D.G. Lynn and L.S. Evans. 1983. Nicotinic acid and nicotinamide metabolism and promotion of cell arrest in G2 in *Pisum sativum*. *Phytochemistry* 22: 343-346.
 29. Tramontano, W.A., C. Hartnett*, D.G. Lynn and L.S. Evans. 1982. Relationship between trigonelline concentration and promotion of cell arrest in G2 in cultured roots of *Pisum sativum* *Phytochemistry* 21: 1201-1206.
 30. Evans, L.S. and W.A. Tramontano, 1981. Is Trigonelline a Plant Hormone? *Amer. J. Bot.* 68: 1282-1289.

Curricular Materials

Biology Courses taught at Manhattan College/College of Mount Saint Vincent (1981-2003)

- Immunology (Biol 426)
- Histology (Biol 401)
- Biology Colloquium (Biol 404)
- Molecular Biology (Biol 321)
- Systemic Physiology (Biol 320)
- Cellular Physiology (Biol 319)
- Developmental Biology (Biol 302)
- Comparative Anatomy (Biol 301)
- Microbiology (Biol 225)
- Anatomy and Physiology (Biol 207, 208)
- General Biology (Biol 111-114)
- Research in Biology (Biol 310, 311, 410, 411)
- Independent Study in Biology (Biol 360, 460)

Biology Courses taught at Lehman College (Bio 166-Intro. Organismic Biology). (2003-2007)

Community

Babe Ruth Baseball Coach, Rye, NY 1981-1986

Professional Societies

American Association for the Advancement of Science

Sigma Xi Honor Society

American Society of Plant Biologists

Council for Undergraduate Research