

CURRICULUM VITAE

Michael P. Zumpano

College Work Address: New York Chiropractic College, Department of Anatomy,
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Educational Background

Nov 2006 **Doctor of Chiropractic**
New York Chiropractic College

July 1, 1997 to
March 31, 1999 **Post-Doctoral Fellow**
The Johns Hopkins School of Medicine
Department of Cell Biology and Anatomy
Area: Fetal Craniofacial Growth and Development and
Craniosynostosis

1997 Sept. 1 **Ph.D. (Anthropology) SUNY Buffalo**
Project Title: An application of 3D-CT Reconstruction Techniques
and Finite Element Analysis to study Fetal Craniofacial Growth in
the Pigtailed Macaque (*Macaca nemestrina*).

1994 June 1 **Master of Arts (Anthropology), SUNY Buffalo**
Project Title: Ontogeny of Sexual Dimorphism in the
Craniofacial Complex during the Third Trimester of Fetal
Growth in Pigtailed Macaques (*Macaca nemestrina*).

1992 June 1 Bachelor of Arts (Anthropology), SUNY Buffalo

Grants received

2012 Collaborative research: A histological and CT study of midfacial
growth trajectories in subadult primates. Award Number:
1231350. National Science Foundation, Biological Anthropology
Program. Amount: \$\$49,658.00

1996 An Application of 3D-CT Reconstruction Techniques and Finite
Element Scaling to Fetal Cranio-facial Growth in Pigtailed
Macaques. Award Number: 9601027. National Science
Foundation. Amount: \$12,000

1996-1997 Pittsburgh Super-Computing Center (10 hours)

1995-1996 Sigma Xi Foundation (\$500)

1995-1996 Mark Diamond Research Foundation (\$825)

Scholarships, Awards

2002	Faculty Excellence Award for Citizenship
2001	Young Anatomist Faculty Research Participation Award – Presented at the 2001 Experimental Biology Conference in Orlando, Fl by the American Association of Anatomists.
1992-1995	Comparative Primate Anatomy Assistantship
1994	1st Place, Graduate Research Competition, SUNY Buffalo

Administrative/Leadership/Editorial Positions:

Fall 2015 to June 2017	NYSCA District 15 - President
Winter 2012 to June 2015	NYSCA District 15 – VP, Mentor and Membership Chair
Winter 2011 – Fall 2016	Team Leader – Anatomy Group, Department of Basic Sciences
Fall 2010 – present	Member, Associated Medical Schools of NY, Anatomical Committee Member, Legislative Committee Chair
Fall 2010 - present	Director, Anatomy Center & Anatomical Gift Program
Fall 2009 – Fall 2010	Interim Director, MSCA program and Human Anatomy Center.
June 2009 – Fall 2009	Elective Coordinator, Division of Academic Affairs
June 2002 – present	Ask the Expert Web Page Editor (A section of the American Association of Anatomist’s Education web site).
April 2002 – April 2005	Member of the Advisory Committee of Young Anatomists, an official committee of the American Association of Anatomists
December 2001 – Fall 2006	Elective Coordinator, Division of Academic Affairs
1992-1995	Director of the Comparative Primate Laboratory, SUNY Buffalo.

Academic Positions Held

Fall 2013 – present	Professor, Department of Basic Sciences, NYCC (Courses: Human Gross Anatomy)
Spring 2011 – Fall 2014	Clinical Educator, Rochester Health Center (Chiropractor)
Fall 2002 – Spring 2013	Associate Professor, Department of Basic Sciences NYCC, (Courses: Neuroscience, Human Gross Anatomy, Radiology)
Spring 1999 – Spring 2001	Assistant Professor, Department of Anatomy, NYCC
1998 - Spring 1999	Instructor, Department of Cell Biology and Anatomy The Johns Hopkins School of Medicine (Courses: Human Gross Anatomy)
1995-1997	Visiting Instructor, Biology Department Chatham College, Pittsburgh, PA (Courses: Graduate: Human Gross Anatomy for PT and OT students; Undergraduate: Comparative Vertebrate Anatomy; Evolutionary Biology)
1995 (Spring)	Adjunct Instructor, Anthropology Department Medaille College, Buffalo, NY.
1993-1995	Teaching Assistant, Department of Anthropology, SUNY Buffalo. (Course: Introduction to Physical Anthropology).
1991-1995	Lab Instructor, Department of Anthropology, SUNY Buffalo (Course: Comparative Primate Anatomy).
1994-1995	Lab Instructor, Department of Anatomical Sciences SUNY Buffalo Medical School (Course: Human Gross Anatomy).
1992 (Fall)	Teaching Assistant, Department of Anthropology, SUNY Buffalo. (Course: Dental Anthropology).
1991 (Fall)	Teaching Assistant, Department of Anthropology, SUNY Buffalo. (Course: Anthropological Osteology)
1990 (Fall)	Lab Instructor, Department of Biological Sciences, SUNY Buffalo. (Course: Evolutionary Biology).

Consulting

August 2007 to present Medical Consultant for New Product Development
Anatomical Images Group – Lippincott/Williams and Wilkins and
and Wolters-Kluwer Health Company

Service Experience

Fall 2016 – present Chair, Committee of Faculty Appointment and Promotions

Fall 2013 – present Committee on Faculty Appointment and Promotions

Winter 2014 – Fall 2015 Ad Hoc Committee: D Grade Implementation Task Force

Winter 2011 – Spring 2014 Academic Standing Committee

Spring 2007 – Fall 2010 Curriculum Committee

Fall 2004 – Fall 2009 Faculty Affairs Committee

Spring 2004 – Fall 2009 Bylaws Committee

Fall 2003 – Fall 2009 Committee on Faculty Appointments and Promotion

Spring 2000 to Fall 2008 Coordinator of the Anatomical Sciences Award

Fall 2000 to Fall 2004 Academic Policy Committee

Fall 2000 to Fall 2005 Curriculum Committee

Fall 2003 to Spring 2003 Middle States Assessment Subcommittee on Mission Statement

Spring 2002 to Winter 2005 Academic Affairs Policy and Procedure Manual Committee

Spring 2002 to Winter 2003 Subcommittee on Performance Standards - Taskforce II

Fall 2001 to Fall 2003 President - Faculty Senate of New York Chiropractic College

Winter 2001 to Fall 2003 Ad-hoc Committee for Faculty Webpages

Fall 2000 to 2001 Mascot.com Implementation Committee

Winter 2000 to Fall 2003 Faculty Handbook Committee (Co-Chair 2001-2002)

Winter 2000 AdHoc Committee on National Chiropractic Board Scores

Fall 1999 to Winter 2002 Educational Technology Committee

Fall 1999 to 2001 Chairperson, Faculty Affairs Committee

Fall 1999 to Winter 2000 Radiology Search Committee

Fall 1999 Honorary Degree Committee

Field/Laboratory Experience

1997 to 1999 Manager of the human craniofacial and primate craniofacial research database at the Johns Hopkins School of Medicine.

1992-1995 Manager and coordinator of the Comparative Primate Anatomy Lab at SUNY Buffalo
Curator of the University at Buffalo Primate Fetal Collection

Phase I, II, III, archaeological survey excavations

Publications

Accepted:

Educational Peer-Reviewed New Product Development

Zumpano, MP. Joints of the Upper Extremity [chart] Skokie (IL): Anatomical Chart Company; c2009. 1 poster: color, 26 x 20 in.

Zumpano, MP. Joints of the Lower Extremity [chart] Skokie (IL): Anatomical Chart Company; c2009. 1 poster: color, 26 x 20 in.

Tank PW, Gest TR, Zumpano MP. Muscles: upper limb [chart]. Skokie (IL): Anatomical Chart Company; c2008. 1 poster: color, 26 x 20 in.

Tank PW, Gest TR, Zumpano MP. Muscles: lower limb [chart]. Skokie (IL): Anatomical Chart Company; c2008. 1 poster: color, 26 x 20 in.

Book Publications:

Clinical dissections of the extremities and pelvis (2007). New York: Linus Textbooks.
ISBN#1-934188-08-5

Peer-Reviewed Journal Acceptances:

Timothy D. Smith, TD, McMahon, MJ, Millen, ME, Llera, C Engel SM, Li L, Bhatnagar KP, Burrows AM, Zumpano MP, DeLeon VB (2017) Growth and development at the sphenothmoidal junction in perinatal primates. *Anatomical Record* 300:2115–2137.

Ball J, Petrocco-Napuli K, Zumpano M. (2012) An International Cross-Sectional Study of Current Instructional Methodologies in Gross Anatomy Curricula in Chiropractic Colleges. *The Journal of Chiropractic Education*. Volume 26(2):175-183.

Zumpano MP, Jagos, C, Hartwell-Ford S (2006) The soft tissue connection between rectus capitus posterior minor and the posterior atlanto-occipital membrane: a cadaveric study. *Clin Anat*. 2006 Sep;**19**(6):522-7. (Referenced in Gray's Anatomy, British edition)

Zumpano MP and Richtsmeier JT (2003) Growth-related shape changes in the fetal craniofacial complex of humans (*Homo sapiens*) and pigtailed macaques (*Macaca nemestrina*): A 3D-CT comparative analysis. *American Journal of Physical Anthropology*. **120**(4):339-351.

Zumpano MP, Jagos, C, Hartwell-Ford S (2002) A cadaveric survey exploring the variation, prevalence, sex bias, and tissue type of the soft-tissue bridge between rectus capitis posterior minor and the posterior atlanto-occipital membrane. *Journal of Neuromusculoskeletal Anatomy*, **10**(4):133-140.

Zumpano MP (2002) Three dimensional form changes during late fetal growth (137-157 gestational days) in the pigtailed macaque (*Macaca nemestrina*) craniofacial complex: An application using three dimensional coordinate data and finite element scaling analysis. *Anatomical Record* **267**(4):307-320.

DeLeon VB, Zumpano MP, Richtsmeier JT (2001) The effect of neurocranial surgery on basicranial morphology in isolated sagittal craniosynostosis. *Cleft Palate-Craniofacial Journal* **38**(1):8-20.

Zumpano MP, Carson BS, Marsh JL , VanderKolk CA, and JT Richtsmeier. (1999) A three-dimensional morphological analysis of isolated metopic synostosis. *The Anatomical Record*, **256**:1-12.

DeLeon V, Zumpano MP, and JT Richtsmeier (1999) Effects of neurocranial surgery on basicranial growth in isolated sagittal synostosis. *American Journal of Physical Anthropology*, Supp **28**: 117

Peer-Reviewed Abstract Acceptances:

Ball, JJ, Petrocco-Napuli, K, Zumpano MP. A description of gross anatomy curricula in chiropractic colleges. 28th Meeting of the Annual Association of Clinical Anatomists, Columbus July, 2011.

Ball, JJ, Petrocco-Napuli, K, Zumpano MP. An international cross-section study of current instructional methodologies in gross anatomy curricula in Chiropractic Colleges. ACC-RAC, March, 2011.

Dooley K, Walker R, Arar I. In situ measurements of the suprascapular nerve. 27th Meeting of the Annual Association of Clinical Anatomists, Honolulu, July 2010.

Koo T, Y.P. Zheng, Xin Chen, Wong A, Ford L, and Zumpano, M. Continuous Measurement of Muscle Morphology using Sonomyography – A New Technique to Quantify Chiropractic Treatment Efficacy. ACC-RAC, March 2009.

Smith T, Rossie J, Cooper, G, Schmiege, R, Bonar, C, Zumpano, M, Burrows, A, DeLeon, V. Paranasal maxillary spaces in Old World monkeys: The perinatal period. *Poster Presented at: 79th Annual Meeting of the American Association of Physical Anthropologists, Albuquerque, New Mexico, April 14-17, 2010.*

Zumpano MP and Richtsmeier JT (2002) Growth and development of the fetal craniofacial complex in humans (*Homo sapiens*) and pigtailed macaques (*Macaca nemestrina*). *American Journal of Physical Anthropology* Supp **34**:170.

Zumpano, MP (1999) Form differences during the last trimester of fetal growth. A comparative study between the fetal pigtailed macaque (*Macaca nemestrina*) and the fetal human (*Homo sapiens*). *American Journal of Physical Anthropology*, Supp **28**:285

Zumpano, MP (1997). A three dimensional study of the fetal craniofacial growth and development in the pigtailed macaque using 3D-CT reconstruction techniques and finite element scaling. *American Journal of Physical Anthropology*. Supp. **24**:249

Zumpano, MP (1996) An application of 3D-CT reconstruction techniques to study fetal craniofacial growth and development in the pigtailed macaque (*Macaca nemestrina*). *American Journal of Physical Anthropology*, Supp. **22**:251.

Zumpano, MP and JE Sirianni (1994) The development of size dimorphism in the craniofacial complex during the third trimester of prenatal growth in pigtailed macaques (*Macaca nemestrina*). *American Journal of Physical Anthropology*, Supp. **18**:214-215.

Published Book Reviews

The Human Bone Manual. White TD, and Folkens PA. Wiley Liss. American Journal of Physical Anthropology, Feb 2007. Volume 132, Issue 4 , Pages 652 – 653.

Biomechanics of the Musculoskeletal System. Panjabi, M, and Augustus A. Churchill Livingstone, NY. 196 pp. In the American Association of Anatomists Newsletter, pg. 23, Volume 11, Number 1, March 2002.

Scholarly Presentations:

Smith TD, MJ McMahon, ME Millen, L Li, C Llera, AM Burrows, MP Zumpano, VB DeLeon. Growth characteristics of the anterior cranial base and midface in newborn primates. 2017 Annual meeting for the Society for Integrative & Comparative Biology. January 4-8, 2017, New Orleans LA.

Engel SM, JL Wu, C Llera, MP Zumpano, VB DeLeon, TD Smith. Synchondroses of the anterior chondrocranium in primates. Annual Meeting of the American Association of Anatomists at FASEB, April 2017, Chicago.

Zumpano, MP (2012) Gross Anatomy in Chiropractic Programs: A Global and Local Perspective. American Association of Anatomist, Experimental Biology, April 2012.

Zumpano, MP and JT Richtsmeier (2002) Growth and development of the fetal craniofacial complex in humans (*Homo sapiens*) and pigtailed macaques (*Macaca nemestrina*). *American Association of Physical Anthropologists*, April 2002.

Zumpano, MP and JT Richtsmeier (2001) A comparison of fetal craniofacial growth in macaques and humans. *American Association of Anatomists*, Experimental Biology Conference, April 2001.

Zumpano, MP, DeLeon, V, Aldridge, K, Richtsmeier, JT (1999) Morphology of the basicranium. A three-dimensional comparison of form and growth between a sample of pre- and post-operative children diagnosed with nonsyndromic, sagittal synostosis. *American Cleft Palate Association*, April 1999.

Richtsmeier, JT, Aldridge, K, DeLeon, V, Valeri, CJ, Zumpano, MP, Marsh, JL, Vanderkolk, C, Carson, BS (1999) Quantification of distinct craniofacial morphologies in isolated metopic, sagittal, and unicoronal synostosis and Crouzon syndrome, using a principle coordinates application of EDMA. *American Cleft Palate Association*. April 1999.

Zumpano, MP and JT Richtsmeier A three dimensional morphological analysis of trigonocephaly. *American Cleft-Palate Association*, April 1998.

Zumpano, MP. A three dimensional study of the fetal craniofacial growth and development in the pigtailed macaque using 3D-CT reconstruction techniques and finite element scaling. *American Journal of Physical Anthropology*, April 1997.

Zumpano, MP. An application of 3D-CT reconstruction techniques to study fetal craniofacial growth and development in the pigtailed macaque (*Macaca nemestrina*). *American Association of Physical Anthropologists*, April 1996.

Zumpano, M. P., and Sirianni, J. E. The development of size dimorphism in the craniofacial complex during late fetal growth in pigtailed macaques (*Macaca nemestrina*). *American Association of Physical Anthropologists*, March 1994.

Zumpano, M. P., and Sirianni, J. E. Allometry and heterochrony in fetal pigtailed macaques (*Macaca nemestrina*). *The Northeastern Anthropological Association*, April 1994.

Completed Grant Reviews for the Leaky Foundation

Smith, T (2007) *Tissue-level Characterization of Secondary Pneumatization in Neonatal Primates* for the Leaky Foundation.

Nagy, A. (2007) *Variation of Cranial Bone Thickness in Nonhuman Primates* for the Leaky Foundation.

Vogel, E. (2007) *Linking Feeding Ecology and Craniodental Morphology in Wild Orangutans: A Quantitative Appro TNM Staging Atlas*, by Doctor Philip Rubin.ach for the Leaky Foundation.

Reviews of Book Manuscripts, Chapters, and Articles

Cleidocranial dysplasia with 6p21.1-p12.3 microdeletion: a case report and literature review (2106) for *Cleft-Palate Craniofacial Journal*.

Oculoauriculofrontonazal dysplasia syndrome emerging with new clinical findings (2015) for *Cleft-Palate Craniofacial Journal*.

Two novel associations in a case with blepharophimosis, ptosis and epicanthus inversus syndrome: hypertrophic cardiomyopathy and cleft palate (2015) for *Cleft-Palate Craniofacial Journal*.

A diagnostic conundrum: ectopic nasal ossification, submucosal alveolar cleft, absent posterior atlantal arch, and corpus callosum lipoma (2014) for *Cleft-Palate Craniofacial Journal*.

Short stature and atypical ocular manifestations in an Indian boy with Stickler syndrome type1: Expanding the phenotypic spectrum (2014) for *Cleft-Palate Craniofacial Journal*.

Craniofrontonasal syndrome: Atrial septal defect with a novel EFNB1 mutation (2014) for *Cleft-Palate Craniofacial Journal*.

Connection between the spinal dura mater and suboccipital musculature: *evidence for the myodural bridge and a route for its dissection* by Peter Ward (2010) for *Clinical Anatomy*.

Practical Assessment of the Chiropractic Patient: A Thorough Orthopedic and Neurological Examination in Less than 20 Minutes, Second Edition (2009) Book proposal. For J&B publishers, by Jeff Miller.

Clinical Anatomy by Regions, Snell, RS (2009) Lippincott Williams and Wilkins.

Anatomy of the Clavicle. Three-Dimensional Statistical Shape Analysis. Daruwalla, Zubin; Fitzpatrick, Clare; FitzPatrick, David; Mullett, Hannan (2009) for *Clinical Anatomy*.

5th edition of, Schwartz's Clinical Handbook of Pediatrics (2009) by Zorc. For Lippincott Williams & Wilkins.

TNM Staging Atlas (2009), Philip Rubin. For Lippincott Williams & Wilkins.

The layout of the medial branch of the posterior ramus of the spinal nerve in the lumbar region (2008). For *Clinical Anatomy*.

Allometries throughout the late prenatal and early postnatal human craniofacial growth. A geometric morphometric study by Marina Sardi (2007) for the *Anatomical Record*

Does a Third Head of Rectus Femoris Muscle Exist? (2006) Tubbs, S, Stetler, W, Savage, A, Shoja, M, Shakeri, A, Salter, G, and Oakes, J. For *Clinical Anatomy*.

Quantitation of and Measurements Utilizing the Sphenoid Ridge (2005) Tubbs, S. for *Clinical Anatomy*.

A new method for quantifying the complexity of muscle attachment sites (2005). Zumwalt, A. Reviewed for the *Anatomical Record: New Anatomist*.

Surface Bone Histology of the Occipital Bone in Humans and Chimpanzees (2005). Mowbray, et al. Reviewed for *Anatomical Record: The New Anatomist*

Pneumatization in the maxillary sinus of callitrichid primates: insights from immunohistochemistry and bone cell distribution (2005) Smith, T. Reviewed for *Anatomical Record*.

Granger, N and Calleson, D. (2004) Finding support for educational projects in anatomy: tips, tools and lessons learned. Reviewed for Anatomical Record: The New Anatomist

Smith, TD and Bhatnagar K (2004). 'Microsmatic' Primates: Reconsidering How and When Size Matters. Reviewed for Anatomical Record: The New Anatomist

Hens, S (2004) The ontogeny of craniofacial sexual dimorphism in the orangutan (*Pongo pygmaeus*) I: face and palate. Reviewed for The American Journal of Primatology.

Naples and Miller (2003) Making Tracks: The Forensic Analysis of Footprints and Footwear Impressions. Reviewed for Anatomical Record: The New Anatomist

Zhang et. Al., (2003) Creation of Chinese Visible Human: Data acquisition and visualization. Reviewed for Anatomical Record: The New Anatomist

Quantitative 3D Analysis of the Canal Network in Cortical Bone by Micro-Computed Tomography. Cooper et al. (2003) for Anatomical Record, New Anatomist.

Schreurs et al. (2001) Imaging and learning: Classical conditioning. Reviewed for Anatomical Record: The New Anatomist

Smith, et al., (2001) The vomeronasal system of old world primates: ontogeny, morphology, functionality and persisting questions. A reappraisal. Reviewed for Anatomical Record: The New Anatomist

Zollikofer, CPE and Ponce de Leon M (2001) Computer-assisted paleoanthropology: a proposal for text and online tutorial. Reviewed for J Wiley & Sons.

Strum, SC and Fedigan LM (2001) Primate Encounters: Models of science, gender and society. Chicago, Univeristy of Chicago Press. Reviewed for Primate Society.

Skrzat et. al., (2001) A case of non-deformed skull of young individual devoid of sagittal suture. Reviewed for Anatomical Record: The New Anatomist

Zeineh et al., (2000) Unfolding the human hippocampus with high resolution structural and functional MRI. Reviewed for the Anatomical Record.

Kaprielian et al., (2000) Axon guidance at the midline of the developing central nervous system. Reviewed for Anatomical Record: The New Anatomist

Book and Chapter Reviews

Tank and Geist Atlas of Anatomy (2007) New atlas project by Lippincott/Williams and Wilkins.

Thieme Atlas of Anatomy: Neck and Internal Organs (2006) Schuenke, M, Schulte, E and U Schumacher. For Doody Enterprises, Inc.

Drs. Sauerland, Whitehead, and Rapaport (2004). *Clinical Anatomy by Prosections and Models*: Lippincott/Williams and Wilkins

Acland's 6-DVD Atlas of Human Anatomy (2003). Lippincott/Williams and Wilkins.

Haines (2003) in press: *Neuroanatomy: An Atlas of Structures, Sections and Systems, 6/e*. Lippincott/Williams and Wilkins.

Moore and Dalley (2003) in press: *Clinically Oriented Anatomy*. Fifth edition. Chapter 5 - The Lower Limb. Lippincott/Williams and Wilkins.

Chapter 5, *Clinically Oriented Anatomy* (2003) Moore, K. Reviewed for Lippincott Williams and Wilkins.

Simbryo – limb and heart development chapters of the human embryology website for Lippincott/Williams and Wilkins (2003)

Clemente Atlas (2002) and Dissector (2002), Clemente, C. Reviewed for Lippincott Williams and Wilkins.

CDROM Proposal for Whiplash injuries: The cervical acceleration/deceleration syndrome, 3rd edition. Stephen M. Foreman and Arthur C. Croft (2001).

DVD Video Atlas of Human Anatomy. Reviewed for Lippincott/Williams and Wilkins (2002).

5th edition of Hollinshead's Textbook of Anatomy. Reviewed for Lippincott/Williams and Wilkins (2002)

Integrative Chiropractic: A resource for Healthcare Professionals. Reviewed for Lippincott/Williams and Wilkins (2002).

Clemente Anatomy Dissector, 1st edition (2001). Reviewed for Lippincott/Williams and Wilkins.
Sobotta Atlas of Human Anatomy 2nd Edition (2000). Reviewed for Lippincott/Williams and Wilkins.

Graney and Holmberg (2000) *An atlas of musculoskeletal anatomy*. Lippincott/Williams and Wilkins: Baltimore, MD. Review for Lippincott/Williams and Wilkins.

Service to the Outside Community

Spring 2011 to present	Grade 8 USSF Soccer Referee
Fall 2006 to 2011	Victor-Farmington Lion's Club
Summer 2006 to 2015	Coach, Victor Baseball and Softball, Victor-Farmington Travel Soccer
Spring 2004 to Fall 2006	Board of Education, Seneca Falls Central School District (Committees: Budget, Health Insurance, Curriculum)
Winter 2004 to 2014	St. Patrick's Roman Catholic Church – Children's Liturgy Program
Summer 2001 to Fall 2005	Coach/Manager Seneca Falls Recreation Program Kickball Coach 2 Seasons Soccer Coach 4 Seasons Baseball "T-ball" 3 Seasons Softball 1 Season
Fall 2004 to Spring 2005	Waterloo and Seneca Falls CSD Reorganization Feasibility Study, Community member.
Spring 2004 to Spring 2005	Board of Trustee, Seneca Falls Public Library (Chair of Technology Committee and member of Strategic Plan Committee)
Fall 2003 to Fall 2004	Seneca Falls Central School District-Wide Steering Committee
Fall 2002 to Fall 2004	Frank Knight Elementary School Steering Committee (Fall 2003 to present: serving as Co-Chair)

Professional Organizations:

Current Member – American Association of Clinical Anatomists
Current Member – Associated Medical Schools of New York
Current member – American Chiropractic Association
Past member - American Association of Anatomists
Past member - American Association of Physical Anthropologists
Past member – American Academy for the Advancement of Science
Past member- American Cleft Palate Association