

Curriculum Vitae

SUNY Upstate Medical University

Personal Information

- Robert J. Corona, Jr., DO, MBA, CPE, FCAP, FASCP
Interim Chief Executive Officer
John B. Henry Professor and Chair
Department of Pathology and Laboratory Medicine
Associate Dean for Academic and Industry Relations
Chief Innovation Officer, Upstate University
Chair, Upstate University Medical Associates at Syracuse
Vice President for Innovation and Business Development, Upstate Medical University
Medical Director, Upstate University Hospital Laboratories
President, Upstate Pathologists Laboratory
Pathology Residency Program Director
Director of Neuropathology
Director of the Biotechnology Accelerator Center
- School of Medicine Address: New York College of Osteopathic Medicine of
New York Institute of Technology
Northern Boulevard
PO BOX 8000
Old Westbury, NY 11568

Education

- Degrees, Awarding Institutions, Dates, Specialty
 - B.A., Ithaca College, Ithaca, NY, 1978-1982
 - D.O., New York College of Osteopathic Medicine of New York Institute of Technology, Old Westbury, NY, 1982-1986, Medicine and Surgery
 - M.B.A., University of Massachusetts at Amherst, 2012
- Specialty Training
 - Harvard School of Public Health, Chiefs of Clinical Services Program, 2013
- Postgraduate Training Fellowships
 - Neuropathology with special training in muscle and nerve biopsy, Armed Forces Institute of Pathology, Washington, D.C., 1990
 - Neuropathology, SUNY Health Science Center, Syracuse, NY, 1991
- Residencies
 - Neurology Residency, SUNY Health Science Center, Syracuse, NY, 1987
 - Anatomic Pathology and Neuropathology Fellowship, SUNY Health Science Center, Syracuse, NY 1988-1990
 - Anatomic Pathology, Chief Resident, SUNY Health Science Center, Syracuse, NY, 1989-1990
- Traineeship/Internship
 - Rotating Internship, Southeastern Medical Center, Miami, FL, 1986-1987

Certification and Licensure

- Certification
 - Diplomate, American Board of Pathology
 - Board Certification
 - Anatomic Pathology, 1993
 - Neuropathology, 1993
 - Clinical Informatics, 2014
 - Fellow, American Society of Clinical Pathologists, 1993-Present
 - Fellow, College of American Pathologists, 1993-Present
 - Fellow, Federation of State Medical Boards of the United States, Inc., 1997- Present

- Association for the Advancement of Medical Instrumentation (AAMI) Certification in Quality Systems - 2004
- Certified Physician Executive (CPE), Certifying Commission in Medical Management, 2005
- Current Licensure
 - New York State, License #171394, 1987
 - Florida State, License #0008179, 1987

Academic Appointments

- Academic
 - John B. Henry Professor and Chair of Pathology and Laboratory Medicine, Director of Neuropathology, Syracuse, NY, May 1, 2012 – Present
 - Professor, Department of Family Medicine, Upstate Medical University, Syracuse, NY, 2009 – Present
 - Professor, Department of Medicine, Upstate Medical University, Syracuse, NY, 2009 - Present
 - Professor, Department of Emergency Medicine, Upstate Medical University, Syracuse, NY, 2009 – Present
 - Professor of Pathology and Laboratory Medicine, Department of Pathology, Upstate Medical University, Syracuse, NY, 2009 – Present
 - Lecturer, Department of Ethics (Ethics, Legal and Social Issues in Medicine)
 - Adjunct Associate Professor, Department of Pathology and Laboratory Medicine, Albany Medical College, Albany, NY, 2000 – Present
 - Adjunct Assistant Professor, Department of Internal Medicine and Pathology, Lake Erie College of Osteopathic Medicine, Bradenton, FL, 2006 – Present
 - Assistant Professor of Pathology, Upstate Medical University, Syracuse, NY 1993-1996
 - Assistant Professor of Pathology, Albany Medical Center, Albany, NY 1992 – 1993
- Current Medical School and Hospital Appointments
 - Clinical Chief of Pathology and Laboratory Medicine, Director of Neuropathology, SUNY Upstate Medical University, Syracuse, NY 2008 – Present
 - Chair, University Hospital Governance-Finance Committee, SUNY Upstate Medical University, Syracuse, NY 2013 – Present
 - Member, Executive Committee, UUMAS (Faculty Practice Organization), SUNY Upstate Medical University, Syracuse, NY 2013 – Present
 - Member, Governing Board, UUMAS, SUNY Upstate Medical University, Syracuse, NY 2013 – Present
 - Member, Medical Executive Committee, SUNY Upstate Medical University, Syracuse, NY 2015 – Present
 - Chair, Ophthalmology Chair Search Committee, SUNY Upstate Medical University, Syracuse, NY 2013 – 2015
 - Member, GME Task Force, SUNY Upstate Medical University, Syracuse, NY 2013 – Present
 - Medical Student Advisor for MD/PhD Program, SUNY Upstate Medical University, Syracuse, NY 2013 – Present
 - Member of the Cancer Center Physician Advisory Council, SUNY Upstate Medical University, Syracuse, NY 2013 – Present
 - Member, Clinical Imaging Governance Committee, SUNY Upstate Medical University, Syracuse, NY 2013 – Present
 - Executive Council Delegate, Onondaga County Medical Society, Syracuse, NY 2013 – Present
 - Member, Medical Biotechnology Advisory Committee, SUNY Upstate Medical University, Syracuse, NY 2014 – Present
- Other Appointments
 - Member, Dean's Appeal Committee, Upstate Medical University, Syracuse, NY, 2014 – Present
 - Chair, Learning Community Program, Upstate Medical University, Syracuse, NY, 2014 – Present
 - Forensic Neuropathology Consultant, Medical Examiner's Office, Forensic Science Center, Syracuse, NY, 2008 – Present

- Executive Council, Onondaga County Medical Society, Syracuse, NY, 2014 – Present

- Employment History

- Chief Medical Officer, Vice President of Medical and Scientific Affairs, Welch Allyn, Inc., Skaneateles Falls, NY, 2002 – 2012
- Medical Director, Welch Allyn, Inc., Skaneateles Falls, NY 1996 - 2002
- Attending Pathologist, Upstate Medical University, Syracuse, NY 1993 - 1996
- Attending Pathologist, Albany Medical Center, Albany, NY 1992 - 1993

Grants

- Investigator, Clarity Clinical Research, LLC
- Principal Investigator, “CNY Biotech Regional Economic Development Council NYS Certified Incubator Designation”, \$625,000.00; 2016
- Principal Investigator, Evaluation of the Omnyx Integrated Digital Pathology System in the Primary Diagnosis of Surgical Pathology Specimens; Sponsored by General Electric/Omnyx, 2015-2016
- Principle Investigator, Evaluation of the Safety and Effectiveness of the Omnyx Integrated Digital Pathology System for the Primary Interpretation of Intraoperative Frozen Section Preparations, sponsored by General Electric/Omnyx; 2014
- Principal Investigator, Evaluation of the Safety and Effectiveness of the Omnyx Integrated Digital Pathology System for Immunohistochemistry, Dako Herceptest; 2014
- State University of New York Office of Educational Technology Grant, Digital Medical School, Participant, \$97,232.00; 1995
- Private Grant. ASCEND Program. Alzheimer’s/Medical Student Project. Principle Investigator, Alzheimer’s Association of Central New York, \$30,000.00 ; 1993 - 1996
- Corporate Funding for CareNET (Medical Informatics and Telemedicine Program), Excess of \$1,000,000.00 in Hardware, Software and Telecommunications Access, Physician Director; 1993 - 1996
- Alzheimer’s Association Physician-in-Training Fellowships. Supervisor/Preceptor.. \$2,000.00 Annually; 1993 – 1996
- Faculty Development Program: Innovative Teaching Grants. Computerization of Pathology Teaching Materials. Recipient, \$1,850.00; 1995

Publications, other forms of creative work and scholarship

Peer-reviewed journals

1. Chu T, Rice EJ, Wang Z, Booth GT, Salamanca HH, Core LJ, Longo S, **Corona RJ**, Chin LS, Lis JT, Kwak H, Danko CG. Chromatin run-on reveals nascent RNAs that differentiate normal and malignant brain tissue. *Nature Genetics*. (Accepted for publication.)
2. Neilsen B, Sleightholm BS, McComb R, Ramkissoon S, Ross J, **Corona RJ**, Miller V, Cooke M, Aizenberg M. Comprehensive genetic alteration profiling in primary and recurrent glioblastoma. *Journal of Neuro-Oncology*. (Pending publication).
3. Necchi A, Bratslavsky G, **Corona RJ**, Chung J, Millis S, Elvin J, Vergilio J, Suh J, Ramkissoon S, Severson E, Daniel S, Killian J, Ali S, Schrock A, Reddy P, Miller V, Welsh A, Gay L, Ross J. Genomic characterization of testicular germ cell tumors relapsing after chemotherapy. *Eur Urol Focus*. 2018 Jul 16.
4. **Corona RJ**, et al. Clinicopathologic Features of a Series of Primary Renal CIC-rearranged Sarcomas with Comprehensive Molecular Analysis. *AJSP* 2018-TBA
5. **Corona RJ**, Ramkissoon S, Galbraith K, Elvin J, Vergilio J, Killian J, Severson E, Sugganth D, Ali S, Schrock A, Chung J, Miller V, Gay L. Comprehensive Genomic Profiling of Relapsed and Refractory Choroid Plexus Tumors of the Central Nervous System. *Modern Pathology*-TBA
6. A Necchi, G Bratslavsky, **RJ Corona**, J Chung, S Millis, LM Gay, JA Elvin, J Vergilio, J Suh, S Ramkissoon, E Severson, S Daniel, JK Killian, SM Ali, AB Schrock, J Chung, VA Miller, PJ Stephens, A Welsh, JS Ross. Refractory Testicular Pure Seminoma and Non-Seminomatous Testicular Germ Cell Tumors: A Comprehensive Genomic Profiling Study. To be submitted.

7. G Bratslavsky, **RJ Corona**, HAG Fisher, J Chung, JE Elvin, J Vergilio, S Ramkissoon, J Suh, E Severson, S Daniel, JK Killian, SM Ali, AB Schrock, A Welsh, VA Miller, PJ Stephens, LM Gay, JS Ross, Castrate Resistant TMPRSS2:ERG Fusion Positive and TMPRSS2:ERG Wild Type Refractory Acinar (CRPC) and Neuroendocrine Prostate Cancer (CRNEPC) Differ in Genomic Signatures and Opportunities for Targeted and Immunotherapies. To be submitted.
8. G. Bratslavsky, LM Gay, JA Elvin, J Vergilio, J Suh, S Ramkissoon, E Severson, S Daniel, JK Killian, SM Ali, AB Schrock, J Chung, VA Miller, PJ Stephens, A Welsh, **RJ Corona**, JS Ross. Collecting Duct Carcinoma of the Kidney: A Genomic Profiling Study with Comparisons to Clear Cell Renal Carcinoma and Renal Medullary Carcinoma. To be submitted.
9. G Bratslavsky, LM Gay, JA Elvin, J Vergilio, J Suh, S Ramkissoon, E Severson, S Daniel, JK Killian, SM Ali, AB Schrock, J Chung, VA Miller, PJ Stephens, A Welsh, **RJ Corona**, JS Ross. Comparative Genomic Profiling of Refractory Metastatic Penile and non-Penile Cutaneous Squamous Cell Carcinoma. To be submitted.
10. Lakis N, **Corona RJ**, Toshkezi G, Chin L. Chronic Traumatic Encephalopathy – Neuropathology in Athletes and War Veterans. *Neurol Res.*, 2013;35:290-299.
11. Bushunow P, Reidenberg M, Winfield J, **Corona R**, and Coyle T. Gossypol Treatment of Recurrent Adult Malignant Gliomas. *Journal of Neuro-Oncology*. Vol. 43. Number 1: 79-86, 1999.
12. Katz DS, Poe LB, Winfield JA and **Corona RJ**. A Rare Case of Cerebellar Glioblastoma Multiforme in Childhood. *Clinical Imaging*. 19:162-164, 1995.
13. Russo CP, Katz DS, **Corona RJ** and Winfield J. Gangliocytoma of the Cervicothoracic Spinal Cord. *American Journal of Neuroradiology*. ANJR 16:889-891, 1995.
14. Katz DS, Morris WB, Joy SE, **Corona RJ**, Santelli ED and Grossman ZD. Radiology Pathology Conference: A 24 Year Old Man with Diplopia and Frontal Headache. *Clinical Imaging*. 19:138-142, 1995.
15. Katz DS, Poe LB, **Corona RJ**. Sinus Histiocytosis with Massive Lymphadenopathy: A Case of Simultaneous Upper Respiratory Tract and CNS Disease Without Lymphadenopathy. *American Journal of Neuroradiology*, 14:219-222, Jan/Feb 1993.
16. Stopa EG, Gonzalez A.M, Chorsky R, **Corona RJ**, Alvarez J, Bird ED and Baird A. Basic Fibroblast Growth Factor in Alzheimer's Disease. *Biochemical and Biophysical Research Communications*, 171: 690-696, 1990.
17. **Corona RJ**, Abraham JL. Superior Limbic Keratoconjunctivitis Apparently Related To Particular Material From a Ventilation System. *New England Journal of Medicine*, 320:1354, 1989.

Non peer-reviewed journals

1. **Corona RJ**. Telepathology in High Performance Computing and Communications; *Telemedicine Today*.
2. Scinta WM, Miller D, **Corona RJ**. An Innovative Approach to Computer Therapy for Alzheimer's Patients. *Gerontology*.
3. **Corona RJ**. The Next Telemedicine Paradigm. Teleforum, NYNEX Publication. January 1997.
4. **Corona RJ**. Telemedicine. Coopers and Lybrand National Newsletter. July 1996.
5. Tussing D, **Corona RJ**. Economics of Telemedicine. June 1996.
6. **Corona RJ**. Telemedicine. Access. SUNY Health Science Center Newsletter. June 1995.

Contributions to books including chapters

1. Stopa EG, Gonzalez AM, Chorsky R, **Corona RJ**, Alvarez J, Bird ED and Baird A. Neurotrophic Role for Basic Fibroblastic Growth Factor (FGF) in Alzheimer's Disease. *Alzheimer's Disease: Basic Mechanisms, Diagnosis and Therapeutic Strategies*. John Wiley & Sons, Ltd. 1991

Abstracts

1. Andrea Necchi, Gennady Bratslavsky, **Robert John Corona**, Jon Chung, Sherri Z. Millis, Laurie M. Gay, Julia Andrea Elvin, Jo-Anne Vergilio, James Suh, Shakti Ramkissoon, Eric Allan Severson, Sugganth Daniel, Jonathan Keith Killian, Siraj Mahamed Ali, Alexa Betzig Schrock, Vincent A.

- Miller, Allison W. Welsh, Jeffrey S. Ross. Comprehensive genomic characterization of chemotherapy-resistant testicular germ cell tumors (TGCT). ASCO 2018.
2. Dean C. Pavlick, Jeffrey S. Ross, Vincent M. Miller, Garrett M. Frampton, Glenn J. Lesser, **Robert J. Corona**, Howard Colman, Morris Groves, Sigmund Hsu, Andrew S. Chi, Shakti H. Ramkissoon, Lee A. Albacker. Comprehensive genomic profiling of brain tumors provides targeted therapy options and diagnostic certainty for oligodendrogliomas. ASCO 2018.
 3. Nagales Nagamos R, Ross JS, Gay LM, Elvin JA, Vergilio J, Suh J, Ramkissoon S, Severson E, Daniel S, Ali SM, Schrock AB, Chung J, Miller VA, Stephens PM, Bratslavsky G, **Corona RJ**. Comprehensive Genomic Profiling of Relapsed and Refractory Primary Sarcomas of the Urinary Bladder. *Modern Pathol.* Jan 2018.
 4. Galbraith KM, Ramkissoon S, Gay LM, Elvin JA, Vergilio J, Suh J, Severson E, Daniel S, Ali SM, Schrock AB, Chung J, Miller VA, Stephens PM, Ross JS, **Corona RJ**. Comprehensive Genomic Profiling of Relapsed and Refractory Choroid Plexus Tumors of the Central Nervous System. *Modern Pathol* Jan 2018.
 5. Fudym Y, Ross JS, Gay LM, Elvin JA, Vergilio J, Suh J, Ramkissoon S, Severson E, Daniel S, Ali SM, Schrock AB, Chung J, Miller VA, Stephens PM, **Corona RJ**. Genomic Alterations, Microsatellite Instability and Tumor Mutational Burden in 21 Cases of Primary Pulmonary Sarcomas. *Modern Pathol* Jan 2018.
 6. Sheth YP, Ross JS, Gay LM, Elvin JA, Vergilio J, Suh J, Ramkissoon S, Severson E, Daniel S, Ali SM, Schrock AB, Chung J, Vanden Borre P, Almog N, Miller VA, Stephens PM, **Corona RJ**. Comprehensive Genomic Profiling (CGP) of Metastatic and Relapsed Anaplastic Carcinoma of the Thyroid. *Modern Pathol* Jan 2018.
 7. Khurana KK, Katzenstein ALA, Wojcik S, Drogowski LM, Drotar N, El-Zammar O, Landas S, **Corona RJ**, Baxi V, Montalo M. Use of Whole-Slide Imaging System for Frozen Section Diagnosis: Comparative Study between Virtual Slide and Glass Slide Interpretation. USCAP, San Diego, CA. 2014.
 6. **Corona RJ**, Lipson E, Markowski R. Wavelet Compression in a Telepathology Environment. *Medicine Meets Virtual Reality Conference*, San Diego, CA. 1996.
 7. Metzger RC, Hague D, **Corona RJ**. The Role of Telemedicine in Global Yankee '95. Sixth Annual Dual-Use Technologies & Applications Conference, OnCenter, Syracuse, New York, 1996.
 8. Coyle T, Bushunow P, Marsh S, Shetler M, Newman N, **Corona R**, Wasenko J, King G, Winfield J. MOP Chemotherapy as Initial Adjuvant Therapy Followed by Radiotherapy for High Grade Glioma. American Society of Clinical Oncology Annual Meeting, Los Angeles, CA, May, 1995.
 9. **Corona RJ**, Collins, GH, Thomas D, Lipson E. Neuropathology Image Processing in a Telepathology Environment. Fifth Annual Dual Use Technologies Conference, SUNY Utica/ Rome, 1995.
 10. **Corona RJ**. Lhermitte-Duclos Disease: Support of An Apparent Complex Dysplastic Hamartoma - Neoplasm. XIth International Congress of Neuropathology, Toronto, Canada, 1994.
 11. **Corona RJ**. CEA Immunoreactive Epithelial Metaplasia in a Glioblastoma Multiforme. XIIth International Congress of Neuropathology, Toronto, Canada, 1994.
 12. Stopa EG, Baird AM, Gonzalez AM, Kuo-LeBlanc V, **Corona RJ**, Kovesdi I and Bohlen P. Differential Affinities of heparin-Binding Growth Factors for B/A4 Amyloid in Alzheimer's Disease. *J. Neuropathol. Exp. Neurol.*, 52:286, 1993.
 13. Stopa EG, Baird A, Gonzalez AM, Kuo-LeBlanc V, **Corona RJ**, Kovesdi I and Bohlen P. Heparin-Binding Growth Factors Exhibit Differential Affinities for B/A4 Amyloid Containing Structures in Alzheimer's Disease. *Alzheimer World Meeting*, Padua, Italy, 1992.
 14. **Corona RJ**, Kuo-LeBlanc V, Gonzalez AM, Baird A and Stopa EG. Vascular Endothelial Growth Factor (VeGF) in Alzheimer's Disease. *J. Neuropathol. Exp. Neurol.*, 1992.
 15. **Corona RJ**, Chorsky R, Baird A, Gonzalez AM, Patel L and Stopa EG. Vascular Endothelial Growth Factor: A Heparin-Binding Growth Factor with A Different Distribution than Basic Fibroblast Growth Factor in Normal Brain and Alzheimer's Disease. 21st Annual Meeting of Society for Neuroscience, 1991.
 16. Stopa EG, Alvarez J, **Corona RJ**, Chorsky R and Baird A. Vascular Endothelial Growth Factor (VEGF): Yet Another Growth Factor Produced by Astrocytic Neoplasms. *J. Neuropathol. Exp. Neurol*, 1991.

17. Baird A, Gonzalez AM, Bird ED, Chorsky P, Alvarez J, **Corona RJ** and Stopa EG. Basic Fibroblast Growth Factor (FGF) in Alzheimer's Disease. 20th Annual Meeting of Society for Neuroscience, 1990.
18. Alvarez J, Daucher J, **Corona RJ**, Tatum AH, Baird A and Stopa EG. Basic Fibroblastic Growth Factor in Human Glial Tumors. XIth International Congress of Neuropathology.
19. Stopa EG, **Corona RJ**, Alvarez J, Chorsky RL, Gonzalez, AM and Baird, A., Basic Fibroblastic Growth Factor (FGF): Localization in Human Astrocytes. J. Neuropathol. Exp. Neurol., 49:32, (1990).
20. **Corona RJ**, Strafstrom C, Wheelock, T, Bird, ED, Stopa, EG, Progressive Myoclonus Epilepsy without Lafora Bodies: "Baltic Myoclonus". J. Neuropathol. Exp. Neurol., 49:306 (1990).

Select Presentations

- International Invited Presentations
 1. First Breath to Death Sensing Analytics: Pathology Informatics in Precision Medicine. Presented at: 2016 SOCRA Annual Conference; September 30, 2016, Vancouver, Canada
 2. Human Factors and Product Development. Presented at: 2008 SOCRA Annual Conference; September 26, 2008; Vancouver, Canada.
- National Invited Presentations
 1. The Future of Medicine. Presented at: 2017 Welch Allyn Board Meeting; January 2017; Naples, FL.
 2. Medical affairs: Adding Value in the Global Medical Device Industry. Presented at: 2010 AdvaMed Conference; October 2010; Washington, DC.
 3. Fear Factors, Human Factors and Healthcare Reform. Presented at: 2009 Healthcare Manufacturers Management Council; 2 April 2009, 1:30pm-2:30pm; Charleston, SC.
 4. Diagnostic Technologies in Diabetes and Hypertension. Presented at: 2008 PSS National Sales Meeting; October 2008; Washington DC
 5. Disruptive Technologies and Update on Electronic Health Records. Presented at: ACP Internal Medicine Update Conference; November 2007; Longboat Key, FL Internal Medicine Update Conference; November 2007; Longboat Key, FL.
 6. Physician's Role of Innovation. Presented at: SOCRA Annual Conference; 2007; Denver, CO.
 7. Clinician's Role in the Design and Development of Medical Devices. Presented at SOCRA Medical Device Conference; 2006, Boston, MA.
 8. New Product Development within FDA QSR and GCP Regulations. Presented at ACP Internal Medicine Update Conference; November 2005; Longboat Key, FL.
 9. Computers in Medicine 1&2. Presented at: ACP Internal Medicine Update Conference; 1999; Longboat Key, FL.
 10. Knowledge Management Tools for Doctors. Presented at: ACP Internal Medicine Update Conference; 1999; Park City, UT.
 11. Hippocrates in Hyperspace. Presented at: ACP Internal Medicine Update Conference; 1999; Park City, UT.
 12. Medical Informatics. Presented at: Physician Survival Skills for the Information Age Conference; 1998; Boston, MA.
 13. Distributed Medical Intelligence and Telemedicine. Presented at: East Carolina College of Medicine; March 1998; Lake Tahoe, CA.
 14. Computing and Communications in the Office of the Future. Presented at: Information Connection Conference at the University of Vermont, College of Medicine; 1997; Burlington, VT.
 15. Medical Informatics Tutorial. Presented at: American College of Managed Care Medicine; 1997; Atlanta, GA.
 16. Medical Informatics Tutorial. Presented at: American College of Managed Care Medicine; 1997; Orlando, FL.
 17. Medical Informatics Tutorial. Presented at: American College of Managed Care Medicine; 1997; Richmond, VA
 18. Medical Informatics and Telemedicine. Presented at: US West Inc. Telemedicine Series; 1996; Des Moines, IA.

19. Medical Informatics and Telemedicine. Presented at: US West Inc. Telemedicine Series; 1996; Omaha, NE.
 20. Medical Informatics and Telemedicine. Presented at: US West Inc. Telemedicine Series; 1996; Seattle, WA.
 21. Medical Informatics, Telemedicine and Medical Intelligence, the Next Wave. Presented at: Telemedicine 2000 Conference; 1996; Chicago, IL.
 22. Computer Technology in Medicine. Presented at: Apple Computer Academic Medical Briefings; 1995; Chicago, IL.
 23. Computer Technology in Medicine. Presented at: Apple Computer Academic Medical Briefings; 1995; Dallas, TX.
 24. Telemedicine and Medical Informatics at CareNet. Presented at: HOST; 1994; Washington, D.C.
 25. Bits and Mortar: Building the National Information Infrastructure for Health Care. Presented at: FARNET workshop; 1994; Washington, D.C.
 26. Computer Technology in Medicine. Presented at: Apple Computer Academic Medical Briefings; 1995; San Jose, CA.
- Regional and Local Invited Presentations
 1. CEO Presents: Why We Matter To The Economic Development of Central and Northern NY. Presenter, February 2018, Syracuse, NY.
 2. NEXT 2017: The Event for Technology, Manufacturing & Biotech. Presenter, November 2017, Sheraton Syracuse University.
 3. Business Incubators & New York State: New Strategies for Socio-Economic Renewal. Presenter, SUNY Oswego, October 2017, Oswego, NY.
 4. Leadership Greater Syracuse: The Community Education Day. Presented at CNY Biotech Accelerator Center; April 2017, Syracuse, NY.
 5. First Breath to Death Sensing Analytics. Presented at: NYS SOCRA Spring Program; March 2017, Skaneateles Falls, NY.
 6. Inaugural Invent @ SU Invention Accelerator – Final Judge, Syracuse University Engineering and Computer Science, June 2017, Syracuse, NY.
 7. Research and Technology Forum: Precision Diagnostics – The Key to Precision Medicine, Presenter, Upstate Biotech Accelerator, January 2017, Syracuse, NY.
 8. Nursing Innovation and Entrepreneur Summit, Upstate Biotech Accelerator. Presenter, November 2016, Syracuse, NY.
 9. First Breath to Death; A Lifetime of Pathology Data Sensing and Analytics and its Role in the Transformation to Patient-Centered Care, Presenter, 8th Annual New York State Biotechnology Symposium, May 2016, Presenter, Syracuse, NY.
 10. SUNY Academic Industry Roundtable, Precision Medicine, Panelist, January 2016, New York, NY.
 11. Business Roundtable Discussion on the Importance of Intellectual Property to Innovation, Creativity and Job Growth in CNY, Speaker, Syracuse University College of Law, December 2015, Syracuse, NY.
 12. Convergence Building Momentum for Growth, Speaker, MEDTECH2015, October 2015, Buffalo, NY.
 13. Telepathology: It's Like Déjà vu All Over Again, Presenter, ASCP Live Webcast, April 2015.
 14. Lessons in Leadership, Upstate Medical University, Guest Presenter, September 2013.
 15. Developing a medical device: A physician's role. Presented at: 63rd Annual Post-Graduate Review Course: Ophthalmology, November 2012, Syracuse, NY.
 16. The Digital Pathologist: Coming Out of the Basement. Presented at: 63rd Annual Post-Graduate Review Course: Ophthalmology, November 2012, Syracuse, NY.
 17. Digital Pathology. Presented at: CLMA/AACC Annual Conference, November 2012, Verona, NY.
 18. Medical Device Design. Presented at: College of Engineering, Cornell University; November 2011; Ithaca, NY.
 19. Innovation in Healthcare Information Systems. Presented at: LeMoyne College; November 2011, Syracuse, NY.

20. Rethinking Comparative Effectiveness Research. Presented at: MedTech Conference; 4 October 2010; Skaneateles Falls, NY.
21. Quality Product Development in a Regulated Environment. Program Director and Opening Speaker at: CNY Med Tech Leadership Summit; 17-18 September 2007; Skaneateles, NY.
22. Disruptive Innovation in Healthcare. Presented at: 2007 IEEE Medical Annual Conference; April 2007; Skaneateles, NY.
23. Future of Medicine. Presented at: 2007 Leadership Greater Syracuse Annual Conference, Envisioning the Future; 2007; Syracuse, NY.
24. Physician's Role in New Product Development. Presented at: SOCRA Conference; 2007; Binghamton, NY.
25. Personalized Medicine. Presented at: FUSE Accelerating Technology Enabled Business Growth Conference; 2006; Syracuse, NY.
26. Healthcare Information Technology. Presented at: Fuse Technology Conference; October 2005; Syracuse, NY.
27. Medical Device Product Development. Presented at: Increasing Collaborative Research Through Small Business Funding Conference at The Institute for Human Performance, SUNY Upstate Medical University; 2000; Syracuse, NY.
28. Advanced Technologies for the Office Practice. Presented at: 51st Annual Post-Graduate Review Course: Ophthalmology, SUNY Upstate Medical University; December 2000; Syracuse, NY.
29. Reducing Medical Error Through Advances in Technology. Presented at: Medicine & The Marketplace Conference; 2000; Syracuse, NY.
30. Advanced Technology in E-Healthcare. Presented at: Office Medicine Teaching Day, The Central New York Academy of Medicine; 2000; Whitesboro, NY.
31. Interventional Informatics. Presented at: Syracuse E-Commerce held at the Convention Center at the Oncenter; 2000; Syracuse, NY.
32. Technology and Telepractice: Tools Shaping Professional Practice. Presented at: Regents Conference on the Professions, Association of the Bar of the City of New York; 2000; New York, NY.
33. Trends in Medical Information-Based Technology. Presented at: Embassy Suites Hotel; 2000; Syracuse, NY.
34. Technology's Role in Medical Error Prevention, Detection and Control. Presented at Healthcare 2000 Marketplace; 2000; Syracuse, NY.
35. The Genomics Revolution. Presented at: 2000 Technology Conference; 2000; Saratoga; NY
36. Use of Technology to Reduce Medical Errors. Presented at Medical/Dental Staff Conference at Benedictine Hospital; 2000; Kingston, NY.
37. The Future of Technology in Medicine. Presented at: The First Society in Computing, Syracuse Chapter; 1999; Syracuse, NY.
38. E-Healthcare: New Tools for Doctors. Presented at: Welch Allyn, Inc. Lodge; 1999; Skaneateles Falls, NY.
39. How to Assess and Fund Technology for Commercial Development. Presented at: Center for Science and Technology at Syracuse University; 1999; Syracuse, NY.
40. Informatics in Managed Care. Presented at: New Health Care Marketplace Conference; 2 June 1999; Syracuse, NY.
41. Medical Informatics. Presented at: 49th Annual Post-Graduate Review Course: Ophthalmology; December 1998; Syracuse, NY.
42. Health Care Alliance. Presented at: New York State Bar Alliance Health Law Meeting; 1998; New York, NY.
43. Demonstration of Medical Imaging. Presented at: Conference of the Professions, The Board of Regents, The University of the State of New York, The State Education Department; 1997, New York, NY.
44. Professional Regulation Across Boundaries. Presented at: Conference of the Professions, The Board of Regents, The University of the State of New York, The State Education Department; 1997; New York, NY.
45. Hippocrates in Hyperspace. Presented at: Syracuse University Health Services Education; 1997; Syracuse, NY.

46. The Office of the Future. Presented at: Finger Lakes Medical Society; 1997; Syracuse, NY.
47. The Office of the Future. Presented at: Mid Hudson Health and Dutchess County Medical Society Conference; 1997; West Point, NY.
48. Information and Communication Technology Update. Presented at: 47th Annual Post-Graduate Review Course: Ophthalmology; December 1996; Syracuse, NY.
49. Use of Computing in Alzheimer's Disease Workshop. Invited Speaker at: New York State Office of Aging, Elder Abuse Conference; 1996; Albany, NY.
50. Medical Informatics and Telemedicine. Presented at: Iroquois Healthcare Alliance, Central New York Hospital Association, and Northeastern New York Hospital Council; 1996; Utica, NY.
51. Dementia and issues of sexuality. Presented at: Alzheimer's 1996; A Conference for Professionals; 1996; Syracuse, NY.
52. The Age of Telemedicine: An Interactive Videoconference @ Cyberspace II; 1996; Albany, NY.
53. Medical Informatics and Telemedicine. Presented at: New York State Department of Corrections Meeting; 1996; Syracuse, NY.
54. Medical Informatics and Telemedicine. Presented at: For the Physician Assistant Spring Seminar; 1996; Painted Post, NY.
55. Doing Business on the Internet. Presented at: Case Center Conference at Syracuse University; 1995; Syracuse, NY.
56. Train the Trainer. Presented at: Research and Treatment Update, Alzheimer's Association of CNY; 1995; Syracuse, NY.
57. Overview of Telemedicine. Presented at: Cornell Theory Center; 1995; Ithaca, NY.
58. Overview of Telemedicine. Presented at: NYNEX Conference; 1995; Albany, NY.
59. Computer Technology in Medicine. Presented at: Apple Computer Academic Medical Briefings; 1995; New York, NY.
60. Telemedicine for Rural Physicians. Presented at: New York College of Osteopathic Medicine of NYIT; 1995; Lake Placid, NY.
61. Alzheimer's Issues of Intimacy. Presented at: Alzheimer's Conference; Syracuse, NY; 1995.
62. Telemedicine and Medical Informatics and CareNet. Presented at: Rome Lab at Rome Air Force Base; 1994; Rome, NY.
63. Medical Applications and Uses of the Internet. Presented at: Chair of Health Care Track Conference; 1994; New York, NY
64. Future Telemedicine Applications. Presented at: NYNEX Science and Technology Center; 1994; White Plains, NY.
65. Use of High Speed Computing in Telemedicine. Presented at: Symposium at Syracuse University; 1994; Syracuse, NY.
66. Alzheimer's Disease: On the Cusp of a Cure. Presented at: New York State office of the Aging; 1994; Albany, NY.
67. Alzheimer's Disease. Presented at: Activities for Leisure Time Personnel; 1994; Cazenovia, NY.
68. Alzheimer's Disease and Sexuality. Presented at: Alzheimer's Association of Central New York; 1994; Syracuse, NY.
69. CNS Vasculitis. Presented at: SUNY Health Science Center Medical Grand Rounds; 1994; Syracuse, NY.
70. Pathology of CNS Lymphoma. Presented at: SUNY Health Science Center Medical Grand Rounds; 1995; Syracuse, NY.
71. Pathology of Polymyositis. Presented at: SUNY Health Science Center Medical Grand Rounds; 1993; Syracuse, NY.
72. What Do you Really Know about Alzheimer's Disease and other Dementias? Presented at: Alzheimer's Association Workshop; 1993; Syracuse, NY.
73. Surgical Neuro-Ophthalmological Pathology. Presented at SUNY Health Science Center at Syracuse; 1992; Syracuse, NY.
74. Basic Fibroblast Growth Factor and the CNS. Presented at: Albany Medical College; 1991; Albany, NY.

Professional Societies and Community Service

Professional Organizations

- **National Leadership**
 - Editorial Board, American Association of Physician Leadership, 2016 – Present
 - Appointed Member, Scientific Advisory Board, Northeast Center for Head Injury, 1996 – 2002
 - Federation of State Medical Boards Steering Workgroup on Telemedicine, 1997 – 2007
 - Appointed Member, AOA Technology and Healthcare Task Force, 2000 – Present
 - American Osteopathic Foundation, Board of Directors, 2005 – 2008
 - Medical Technology Ambassador, AdvaMed, 2008 – Present
 - Reviewer, Information Management, Computer Science, Genomics and Medical Informatics for Columbia University Center for Advanced Technology's Advanced Grant Program, 2003 – 2005

- **National Membership**
 - College of American Pathologists, 1993 – Present
 - American Society of Clinical Pathologists, 1993 – Present
 - American College of Physician Executives, 1996 – Present
 - American Medical Association, 1996 – Present
 - American Osteopathic Association, 1996 – Present
 - Curēs Medical Journal, Editorial Board, 2013 - Present

- **State Leadership**
 - Member, New York State Department of Health Board of Professional Medical Conduct, 2006 – 2009
 - Member, New York State Board for Medicine, New York State Department of Education, 1997 – 2007
 - New York State Board for Medicine Telemedicine Task Force, 1997 – 2007
 - Health and Science Advisory Board, WCNY Public Television, Central New York, 2010 – Present

- **State Membership**
 - Medical Society of the State of New York, 1996 – Present

- **Local Leadership**
 - President, Alzheimer's Association of Central New York, 1994 – 1996
 - Chairman, Medical and Professional Advisory Committee Alzheimer's Association of Central New York, 1994 – 1996
 - Onondaga County Medical Society, Executive Council

- **Local Membership**
 - Member, CNY American Heart Association Stroke Task Force, 2005
 - Board Member, CNY American Heart Association, 2004 – 2005
 - Onondaga County Medical Society , 1996 – Present

Special Honors and Awards

- Health & BioSciences Sector Strategy Award, SUNY Upstate University, Biotech Accelerator Center & Institute for Human Performance STEM Careers Day, Partners for Education and Business, 2016
- Upstate Medical University, Residency Best Teacher Award, 2012-2013
- The Honor Society of Phi Kappa Phi, University of Massachusetts, Amherst, 2013
- NYCOM at NYIT Alumni of the Year, 2011
- Computer Professional of the Year awarded by the Regional ACM, 2000
- Highest Rated Speaker, Telemedicine 2000 Conference, 1996
- State University of New York President's Award for Excellence in Teaching, 1995

- Upstate Medical University, Best Teacher Award for Pathology Course, 1992 – 1993
- Clinical Medical Network (Upstate New York) Scholarship, 1985 – 1986
- New York State Regents Physician Shortage Scholarship, 1983 – 1986

Other Information

- Computer Software and Multimedia
 1. Alzheimer Computer Interactive Project, SUNY Health Science Center, Syracuse, NY, 1996.
 2. Shaken Baby Head Injury, Animated Video, The Soling Program of Syracuse University, Syracuse, NY, 1995.
 3. Hypercard Module for Pathology, Case Review, Co-Presenter, Slice of Life, Salt Lake City, UT, 1994.
 4. Interactive Hypercard Program on Alzheimer's Disease, The Soling Program of Syracuse University, Syracuse, NY, 1994.