

CURRICULUM VITAE

Douglas Carter Anthony, M.D., Ph.D.

November 10, 2022

Current position: Professor, Pathology and Laboratory Medicine, and
Professor, Neurology
Warren Alpert Medical School of Brown University
Deputy Director for Translational Research
Lifespan Cancer Institute

Business address: Department of Pathology and Laboratory Medicine
Rhode Island Hospital
593 Eddy Street, POB 342
Providence, RI 02903

Web site: vivo.brown.edu/display/dca
NCBI URL: [http://www.ncbi.nlm.nih.gov/sites/myncbi/1nEJeLu4bh652/
bibliography/41649010/public/?sort=date&direction=descendi
ng](http://www.ncbi.nlm.nih.gov/sites/myncbi/1nEJeLu4bh652/bibliography/41649010/public/?sort=date&direction=descending)

ORCID (orcid.org): [0000-0002-3815-2240](http://orcid.org/0000-0002-3815-2240)

EDUCATION

Undergraduate B.S.Ch.E. (Chemical Engineering), Washington University, St.
Louis, MO
Honors Engineering Academic Achievement Award, Tau Beta Pi,
Antoinette Dames Academic Achievement Award, Omicron
Delta Kappa, Final Honors

Medical School M.D. (Medicine), Duke University, School of Medicine, Durham,
NC
Honors Medical Scientist Training Program Award, National Institute of
General Medical Sciences

Graduate School Ph.D. (Experimental Pathology), Duke University Graduate
School, Durham, NC
Honors Phi Beta Kappa, Honorable Mention for Weil Award of the
American Association of Neuropathologists

POSTGRADUATE TRAINING

Residency Pathology Residency, Anatomic Pathology, Duke University Medical Center, Durham, NC
Fellowship Neuropathology, Duke University Medical Center, Durham, NC

POSTGRADUATE HONORS AND AWARDS

Clinical Investigator Development Award, National Institute of Neurological Disorders and Stroke
International Society of Toxicology, Neurotoxicology Award
Society of Toxicology, Mechanism Award
North Carolina Society of Toxicology Scientific Award
Feodor Lynen Research Award, Alexander von Humboldt Foundation
Dr. Edison H. and Sallie Y. Miyawaki Teaching Award in Neurosciences, Harvard Medical School, Boston, MA
Recognition Award for Faculty, United States and Canadian Academy of Pathology (2002)
Curriculum Board Excellence in Teaching Award, School of Medicine, University of Missouri (2003)
Excellence in Education Award, Medical Student Affairs Council, Pre-clinical Sciences, University of Missouri (2004)
Order of Socrates, University of Missouri (2008)
America's Top Doctors, Castle Connolly Recognition (2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023)
M.A. *ad eundem*, Brown University, Providence, RI (2012)
Certificate of Recognition for Education (2016), Biol 3652 IMSII: Brain Sciences, Warren Alpert Medical School of Brown University
Certificate of Recognition for Education (2017), Biol 3652 IMSII: Brain Sciences, Warren Alpert Medical School of Brown University
Dean's Excellence in Teaching Award (2017), Biol 3652 IMSII: Brain Sciences, Warren Alpert Medical School of Brown University
Top Doctors of Rhode Island, published in Rhode Island Monthly (2018, 2019, 2020, 2022)
Sigma Xi, Member, Scientific Research Honor Society (2022 – present)

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

1986 Diplomate, National Board of Medical Examiners
1986 - 1995 Licensed physician, North Carolina Board of Medical Examiners
1987 - present Registered practitioner, United States Drug Enforcement Agency
1987 - present Board Certification, American Board of Pathology (Anatomic Pathology), Lifetime Certification (Voluntary Re-Certification 2013)
1987 - present Certificate of Special Qualification, American Board of Pathology (Neuropathology), Lifetime Certification
1992 - 2002 Licensed physician, Commonwealth of Massachusetts Board of Registration in Medicine

1992 - 2002	Registered physician, Massachusetts Department of Public Health, Division of Food and Drugs
2001 – present	Licensed physician, State of Missouri Board of Registration in Medicine
2001 - present	Registered physician, Missouri Department of Public Health, Bureau of Narcotics and Dangerous Drugs
2011 - present	Licensed physician, Rhode Island Board of Medical Licensure and Discipline, Providence, RI
2011 - present	Registered physician, Rhode Island Controlled Substance Registration
2014 – present	Certificate of Recognition in Laboratory Medical Leadership, College of American Pathologists
2021	Green Belt, Six Sigma Quality Certification, Lifespan Corporation, Providence, RI

ACADEMIC APPOINTMENTS

1987 - 1992	Assistant Professor of Pathology, Duke University
1992 - 1995	Assistant Professor of Pathology, Harvard University
1995 - 2001	Associate Professor of Pathology, Harvard University
2001 – 2012	Professor of Pathology and Anatomical Sciences, University of Missouri
2003 – 2012	Professor of Neurology, University of Missouri
2012 – present	Professor of Pathology and Laboratory Medicine, Brown University
2015 – present	Professor of Neurology, Brown University

HOSPITAL AND CLINICAL APPOINTMENTS

1987 - 1992	Attending Pathologist, Duke University Medical Center, and Partner, Duke University Private Diagnostic Clinic, Durham, NC,
1987 - 1992	Medical Examiner, Durham County, North Carolina
1992 - 2001	Staff Pathologist, Children's Hospital, Boston, MA
1992 - 2001	Staff Pathologist, Brigham and Women's Hospital, Boston, MA
1992 - 2001	Director of Neuropathology, Children's Hospital, Boston, MA
1992 - 1998	Consultant Pathologist, New England Deaconess Hospital, Boston, MA
1996 - 2001	Consultant Neuropathologist, Office of Chief Medical Examiner for the Commonwealth of Massachusetts, Boston, MA
1998 - 2001	Pathologist (Neuropathologist), Beth Israel Deaconess Medical Center, Boston, MA
2002 – 2012	Pathologist, University of Missouri Health Care, Columbia, MO
2002 – 2012	Pathologist, Harry S. Truman Veterans Administration Medical Center, Columbia, MO
2002 – 2012	Medical Director, Pathology Clinical Laboratories, University of Missouri Health Care, Columbia, MO
2002 – 2012	Medical Director, Ellis Fischel Cancer Center Clinical Laboratories, Columbia, MO
2002 - 2012	Neuropathologist, Office of the Medical Examiner for Boone and Callaway Counties, MO,

2004 – 2012 Pathologist, Women’s and Children’s Hospital/Columbia Regional Hospital, Columbia, MO

2005 – 2012 Medical Director, Keene Clinical Laboratory, Columbia, MO

2007 – 2012 Medical Director, Smiley Lane Clinical Laboratory, Columbia, MO

2009 – 2012 Neuropathologist, Office of the Medical Examiner, Greene County, MO

2010 – 2012 Associate Medical Examiner, Office of the Medical Examiner for Boone, Callaway, and Greene Counties, MO

2012 – 2022 Pathologist-in-Chief, Lifespan Academic Medical Center, Providence, RI

2012 – 2022 Medical Director, Lifespan Laboratories at Rhode Island Hospital, Department of Pathology and Laboratory Medicine, 593 Eddy Street, Providence, RI, 02906-2800 (CLIA 41D0701581; CAP 1164301)

2012 – 2022 Medical Director, Lifespan Laboratories at the Miriam Hospital, Department of Laboratory Medicine, 164 Summit Avenue, Providence, RI, 02903 (CLIA 41D0083675; CAP 1165201)

2012 – 2022 Medical Director, Molecular Pathology, Lifespan Laboratories at the Coro Building, Department of Laboratory Medicine, 1 Hoppin St., Providence, RI, 02903 (CLIA 41D2029025; CAP 1164301)

2012 – present Medical Staff member (Pathology), Rhode Island Hospital, Providence, RI

2012 – present Medical Staff member (Pathology), The Miriam Hospital, Providence, RI

2014 – 2016 Medical Staff member (Pathology), Newport Hospital, Newport, RI

2014 – 2016 Medical Staff member (Pathology), Eleanor Slater Hospital, Cranston, RI

2015 - 2020 Member, Lifespan Cancer Institute Steering Committee, Lifespan Academic Medical Center, Providence, RI

2015 - present Member, Lifespan Cancer Institute Clinical Operations Committee, Lifespan Academic Medical Center, Providence, RI

2017 - 2021 Member, Cancer Care and Research Committee, Lifespan Cancer Institute, Lifespan Academic Medical Center, Providence, RI

2017 – present Member, Lifespan Cancer Institute Strategy Group, Lifespan Academic Medical Center, Providence, RI

2018 – present Member, Lifespan Research Advisory Council, Lifespan Academic Medical Center, Providence, RI

2019 – present Member, Brown University Cancer Biology Advisory Group, Brown University, Providence, RI

2021 – 2022 Member, Physician Leadership Council, Lifespan Academic Medical Center, Providence, RI

2022 – present Member, Finance Committee, Lifespan Physician Group, Lifespan Academic Medical Center, Providence, RI

OTHER APPOINTMENTS

Major Administrative Responsibilities

1987 - 1992 Director, Peripheral Nerve Pathology Service, Duke University Medical Center, Durham, NC

1989 - 1992 Associate Director, Medical Scientist Training Program (M.D.-Ph.D. Program), Duke University, Durham, NC

1991 - 1992 Acting Director, Pathology and Clinical Laboratory Informatics, Duke University, Durham, NC

1992 - 2001 Director of Neuropathology, Department of Pathology, Children's Hospital, Boston, MA

1992 - 2001 Member, Children's Hospital Pathology Foundation, Inc., Boston, MA
1995 - 2001 Board of Directors
1997 - 2000 Vice President
2000 - 2001 President

1995 - 2000 Associate Pathologist-in-Chief (Vice Chairman), Department of Pathology, Children's Hospital, Boston, MA

1995 - 1998 Member, Board of Directors, Physicians' Organization at Children's Hospital, Inc., Boston, MA

1997 - 2001 Member, Medical Staff Executive Committee, Children's Hospital, Boston, MA

1998 - 2001 Member, Physician Leadership Council, Physicians' Organization at Children's Hospital, Boston MA

1998 - 2001 Physician Liaison for Pathology, Children's Hospital, Boston, MA

2000 - 2001 Acting Pathologist-in-Chief (Acting Chairman), Department of Pathology, Children's Hospital, Boston, MA

2000 - 2001 Executive Committee, Department of Pathology, Harvard Medical School, Boston, MA

2001 - 2012 Chair, Department of Pathology and Anatomical Sciences, University of Missouri School of Medicine, Columbia, MO

2001 - 2012 Chief, Pathology Clinical Laboratories, University of Missouri Hospital and Clinics, Columbia, MO

2007 - 2012 Director, Tom and Anne Smith M.D.-Ph.D. Program, University of Missouri, Columbia, MO

2007 - 2012 Associate Director, Institute for Clinical and Translational Sciences (Director of ICTS Training Programs), University of Missouri, Columbia, MO

2007 - 2012 Chair, Clinical Chairs Committee, University of Missouri, Columbia, MO

2007 - 2012 Director, Center for Translational Neurosciences, University of Missouri, Columbia, MO

2009 - 2012 Secretary-Treasurer, Missouri State Anatomical Board

2011 - 2012 Director, Electron Microscopy, Pathology Laboratories, University of Missouri, Columbia, MO

2011 - 2012 Director, Quality Assurance, Surgical Pathology, University of Missouri, Columbia, MO

2012 - 2022 Chief, Department of Pathology and Laboratory Medicine, Rhode Island Hospital, Providence, RI

2012 - 2022 Chief, Department of Pathology and Laboratory Medicine, The Miriam Hospital, Providence, RI

2012 – 2022	Chief, Department of Pathology and Laboratory Medicine and Medical Director for Lifespan Laboratories™, Providence, RI
2017 – present	Deputy Director for Translational Research, Lifespan Cancer Institute, Providence, RI
2018 – present	Member, Board of Trustees, Rhode Island Brain and Spine Tumor Foundation, Providence, RI
2018 – 2020	Governance Chair (interim), Board of Trustees, Rhode Island Brain and Spine Tumor Foundation, Providence, RI
2020 – present	Member of Council, Rhode Island Medical Society, Providence, RI.

National Committees and Panels

1987	Member, Ad Hoc Scientific Study Section, National Institutes of Health, "Adverse Health Effects of Aluminum (RFA 86-03)"
1988 - 1992	Consultant, U.S. Environmental Protection Agency, Evaluation of the neurotoxic potential of 2-hydroxyethyl acrylate
1989	Member, Ad Hoc Scientific Study Section, Health Effects Institute, "Health Effects of Methanol Exposure: Metabolism and Pharmacokinetics; Fetal and Perinatal Neurotoxicity; Reproductive Toxicity (RFA 89-1)"
1990	Ad Hoc Member, Toxicology Study Section, National Institutes of Health
1990	Member, Ad Hoc Study Section, National Institutes of Health, "Training Programs in Toxicology"
1990 - 1994	Consultant, U.S. Environmental Protection Agency, Determination of the cumulative neurotoxicity of acrylamide and implications for risk assessment
1991	Ad Hoc Reviewer, Toxicology Study Section, National Institutes of Health
1991 - 1993	Member, Advisory Committee, National Human Exposure Assessment Survey (NHEXAS Project), Cadmus Group, U. S. Environmental Protection Agency and the Office of Health Research
1992	Ad Hoc Reviewer, Toxicology Study Section, National Institutes of Health
1992 - 1995	Consultant, Burroughs Wellcome Corporation, Evaluation of the incidence of white matter protein deposits following exposure to zidovudine (AZT)
1992 - 1997	Consultant, U.S. Environmental Protection Agency, Evaluation of the neurotoxicity associated with chronic low-level exposure to 2-dichloroacetate
1993 – 1999	Consultant, U.S. Environmental Protection Agency, Evaluation of the cumulative neurotoxicity of 2,5-hexanedione and implications for risk assessment
1994	Ad Hoc Reviewer, Air Force Office of Scientific Research, Department of Defense
1994	Member, Consensus Panel for Evaluation of Teased Fiber Analysis in Diabetic Neuropathy, Toronto, Ontario

1995 Member, Site Visit Team, Program Project "Aging and neurodegenerative disease in Micronesia", University of California, San Diego, CA (Washington, D.C.)

1995 Member, Second Consensus Panel for Evaluation of Teased Fiber Analysis in Diabetic Neuropathy, Miami, FL

1995 Extramural Expert Reviewer, Peripheral Neuropathy in Diabetes Mellitus, Michigan Diabetes Research and Training Center, Ann Arbor, MI

1997 External Consultant in Neuropathology, School of Medicine, University of Alabama at Birmingham, Birmingham, AL

1999 - present Ad Hoc Reviewer, Alzheimer's Association, Chicago, IL

2000 External Consultant, Review of Department of Pathology, Children's Memorial Hospital, Chicago, IL

2006 External Consultant, External Review of Department of Pathology, Medical University of South Carolina, Charleston, SC

2008 Study Section, Department of Health, State of Pennsylvania, Performance Reviews, Cycle 07-08 A

2008 – 2012 Member, MD-PhD Section, Association of American Medical Colleges (AAMC GREAT Group for Graduate, Research Education and Training)

2009 – 2010 Member, Standard Setting Panel, National Board of Medical Examiners, USMLE Step I, Philadelphia, PA

2012 – 2022 Member, Professional Practice Council, Association of Pathology Chairs

2013 – 2021 Member, Professional Affairs Committee, American Association of Neuropathologists

2014 – 2020 Chair, Committee for Web Site and Digital Technologies, American Association of Neuropathologists

2015 Study Section, Department of Health, State of Florida, Biomedical Research Programs Grant Program

2016 – present Member, External Advisory Council, Department of Pathology, Duke University, Durham, NC

2016 - 2021 Executive Board, New England Society of Pathologists, Inc.
President-elect, 2016-2017
President, 2017-2018
Past President, 2018-2022

2017 – 2018 Delegate, House of Delegates, College of American Pathologists

2017 – 2021 Vice President for Professional Affairs, American Association of Neuropathologists
Member, Executive Council (2017 – present)
Chair, Professional Affairs Committee (2017-2021)
Member, Education Committee, *ex officio* (2017 – present)

2018 – 2019 Member, Society for Ultrastructural Pathology Program Committee, International Meeting, Ultrapath XIX

2018 – present Vice President, International Society of Neuropathology.

2021– 2022 Vice President-Elect, American Association of Neuropathologists

2022– 2023 Vice President, American Association of Neuropathologists (scheduled)

2023– 2024 President-Elect, American Association of Neuropathologists (scheduled)
2024– 2025 President, American Association of Neuropathologists (scheduled)
2022 – present Member, Senior Fellows, Association of Pathology Chairs

Editorial Boards

1994 - 1997 *Journal of Neuropathology and Experimental Neurology*
1994 - 1999 *Advances in Anatomic Pathology*
1998 – 2007 *Pediatric Pathology and Molecular Medicine*
2004 – 2006 *Frontiers in Bioscience*
2013 – 2019 *Interdisciplinary Neurosurgery*
2014 – present *Journal of Neuropathology and Experimental Neurology*
2015 – 2020 *Journal of Neurology and Neurobiology*
2018 – 2020 *Cancer Biology & Therapy*

Solicited Reviewer

Advances in Anatomic Pathology
American Journal of Pathology
Archives of Pathology and Laboratory Medicine
Brain Pathology
Cancer Cytopathology
Cancer
Clinical Neuropathology
Human Molecular Genetics
Interdisciplinary Neurosurgery
Journal Neuro-Oncology
Journal of Neurological Sciences
Journal of Neurology and Neurobiology
Journal of Neuropathology and Experimental Neurology
Journal of Neuroscience Methods
Laboratory Investigation
Metabolism
Modern Pathology
Neuroscience
Neurosurgery
Neurotoxicology
New England Journal of Medicine
Pediatric and Developmental Pathology
Perspectives in Pediatric Pathology
Toxicology and Applied Pharmacology
Ultrastructural Pathology

HOSPITAL COMMITTEES

1987 - 1992 Member, House Staff Admission and Advisory Committee, Department of
Pathology, Duke University, Durham, NC

1989 - 1991 Chairman, Committee to Evaluate Computing Resources, Department of Pathology, Duke University, Durham, NC

1991 - 1992 Member, Duke Hospital Computer Advisory Committee, Durham, NC

1991 - 1992 Member, Institutional Committee for Graduate Medical Education, Duke University Medical Center, Durham, NC

1991 - 1992 Member, Search Committee for Director of Medical Center Information Systems, Duke University Medical Center, Durham, NC

1995 - 2000 Member, Board of Directors, Physicians' Organization at Children's Hospital, Inc. (Dr. Paul Hickey, Chairman), Boston, MA

1996 - 1997 Member, Tissue Repository Committee, Committee on Clinical Investigation (Dr. Peter Wolfe, Chairman of Committee on Clinical Investigations), Children's Hospital, Boston, MA

2002 - 2012 Member, University Physicians Management Committee, University of Missouri, Columbia, MO

2002 Member, Committee for Women's Health Services Facilities, Columbia, MO

2002 - 2012 Member, Hospital Operations Director's Committee, University Hospital and Clinics, Columbia, MO

2003 - 2012 Member, University Physicians Executive Committee, University of Missouri, Columbia, MO

2004 - 2006 Member, University of Missouri Health Care Executive Advisory Council, Columbia, MO

2005 - 2006 Member, University of Missouri Health Care Strategic Planning Committee, Columbia, MO

2008 - 2010 Member, Clinical Executive Advisory Group, University of Missouri Health Care, Columbia, MO

2008 - 2010 Co-Chair, Children's Hospital Planning Committee for Ancillary Services, University of Missouri Health Care, Columbia, MO

2008 - 2010 Member, Children's Hospital Steering Committee (Women's and Children's Hospital), University of Missouri Health Care, Columbia, MO

2012 - 2022 Member, Medical Executive Committee, Rhode Island Hospital, Providence, RI

2012 - 2022 Member, Medical Executive Committee, The Miriam Hospital, Providence, RI

2012 - 2020 Standing Member, Physician Claims Review Committee, Lifespan Academic Medical Center, Providence, RI

2012 - 2018 Member, Steering Committee, Norman Prince Neuroscience Institute, Lifespan Academic Medical Center, Providence, RI

2012 - 2022 Chair, Quality Assurance Committee, Department of Pathology and Laboratory Medicine, Lifespan Academic Medical Center, Providence, RI

2012 - 2013 Chair, Laboratory Information System Evaluation Committee, Lifespan Academic Medical Center, Providence, RI (Epic selected for EMR; Co Path Plus and Soft selected for Lab Information Systems)

2012 – 2013	Member, eHealth Information System Evaluation Committee, Lifespan Academic Medical Center, Providence, RI (Epic selected for system-wide EMR)
2012 – 2014	Member, Integration Committee for Evaluation of Electronic Medical Record, Lifespan Academic Medical Center, Providence, RI (Epic selected for EMR)
2013 – 2014	Member, Physician Retirement Plan Advisory Committee, Lifespan Health Care System, Providence, RI
2013 – 2021	Member, EPIC Physician Advisory Committee, Lifespan Academic Medical Center, Providence, RI
2013 – 2015	Member, EPIC Laboratory Design Committee, Lifespan Academic Medical Center, Providence, RI
2013 – 2020	Member, EPIC Order Sets Committee, Lifespan Academic Medical Center, Providence, RI
2013 – present	Member, Pathology Residency Steering Committee, The Warren Alpert Medical School of Brown University, Providence, RI
2015 – present	Member, Pediatric and Perinatal Fellowship Steering Committee, The Warren Alpert Medical School of Brown University, Providence, RI
2013 – present	Member, Lifespan Cancer Center Steering Committee, Lifespan Academic Medical Center, Providence, RI
2014 – 2020	Physician Super User, Epic Electronic Medical Record (LifeChart), Lifespan Academic Medical Center, Providence, RI
2015 – present	Member, Lifespan Cancer Center Advisory Committee, Lifespan Academic Medical Center, Providence, RI
2016 – present	Member, Lifespan Cancer Center Operations Council, Lifespan Academic Medical Center, Providence, RI
2016 – 2020	Member, Dana Farber Cancer Institute/Lifespan Genomics Design Team, Integrated Regional Cancer Center Planning Group, Providence RI and Boston MA.
2016 – 2019	Member, Lifespan Clinical Informatics Technology Council, Lifespan Academic Medical Center, Providence, RI

UNIVERSITY COMMITTEES

1976-1978	Member, University Judicial Board, Washington University, St. Louis, MO
1977-1978	Chairman, University Judicial Board, Washington University, St. Louis, MO
1987	Member, Committee for the Evaluation of Clinical Clerkships, Liaison Committee for Medical Education (LCME), Duke University School of Medicine, Durham, NC
1988 - 1992	Member, Executive and Admissions Committee, Duke University Medical Scientist Training Program (M.D.-Ph.D. Program), Durham, NC

- 1988 - 1992 Member, Admissions and Executive Committee, Duke University Graduate Program in Experimental Pathology, Durham, NC
- 1989 - 1992 Member, Committee on Admissions, Duke University School of Medicine, Durham, NC
- 1991 - 1992 Member (Alternate), Basic Science Faculty Steering Committee, Duke University School of Medicine, Durham, NC
- 1994 Member, Search Committee for Pediatric Pathologist, Children's Hospital and Harvard Medical School (Dr. Ramzi Cotran, Chair), Boston, MA
- 1994 Member, Working Group for Human Nervous System and Behavior, Harvard Medical School, IN707 (Dr. Thomas Glick, Chair), Boston, MA
- 1995 - 2000 Chairman, Organizing Committee for the Amico Bignami Memorial Lecture in Neuropathology, Boston, MA
- 1998 - 1999 Chairman, Search Committee for Pediatric Pathologist, Children's Hospital and Harvard Medical School, Boston, MA
- 1999 - 2000 Chairman, Search Committee for Hematopathologist, Children's Hospital and Harvard Medical School, Boston, MA
- 2000 - 2001 Chairman, Search Committee for Director of Cardiac Pathology, Children's Hospital and Harvard Medical School, Boston, MA
- 2001 - 2002 Member, Dean's Advisory Group, University of Missouri School of Medicine, Columbia, MO
- 2001 - 2012 Member, Council of Chairs, University of Missouri School of Medicine, Columbia, MO
- 2001 - 2003 Member, Steering Committee for Mission Based Management, University of Missouri School of Medicine, Columbia, MO
- 2001 - 2012 Member, Clinical Chairs Committee, School of Medicine, University of Missouri, Columbia, MO
- 2002 - 2008 Member, Research Advisory Committee, School of Medicine, University of Missouri, Columbia, MO
- 2002 Member, Committee for Review of Compensation Policies, School of Medicine, University of Missouri, Columbia, MO
- 2002 - 2003 Member, Diabetes and Cardiovascular Disease Center Steering Committee, School of Medicine, University of Missouri, Columbia, MO
- 2002 - 2005 Member, University Chairs Council (Representative for the School of Medicine), University of Missouri, Columbia, MO
- 2002 - 2004 Leadership Executive Committee, University of Missouri School of Medicine, Columbia, MO
- 2003 - 2006 MU 2020, Steering Committee to Revise the Curriculum of the School of Medicine, University of Missouri, Columbia, MO
- 2003 Member, Search Committee for the Chair of Internal Medicine, University of Missouri School of Medicine
- 2003 Member, Search Committee for the Chair of Surgery, University of Missouri School of Medicine, Columbia, MO

2003 - 2012 Consultant, Internal Scientific Review Board, University of Missouri
College of Veterinary Medicine, "Vascular Cell Biology: Exercise
Training and Coronary Disease", Columbia, MO

2004 - 2012 Ad Hoc Grant Reviewer, MU Research Board, University of Missouri,
Columbia, MO

2006 – 2009 Member, Executive Committee, Interdisciplinary Neuroscience Program,
University of Missouri, Columbia, MO

2006 – 2007 Chair, Task Force for Advanced Degrees in Clinical and Translational
Sciences, University of Missouri, Columbia, MO

2006 - 2008 Admissions Leadership Advisory Group, University of Missouri,
Columbia, MO

2006 – 2012 Member, Planning and Steering Committees, Clinical and Translational
Sciences Institute, University of Missouri, Columbia, MO

2006 – 2012 Chair, Graduate Education Task Force for Clinical and Translational
Sciences Institute, University of Missouri, Columbia, MO

2006 – 2008 Member, MU2020 Admissions Steering Committee, University of
Missouri, School of Medicine, Columbia, MO

2006 – 2008 Member, MU2020 Admissions Planning Group, University of Missouri,
School of Medicine, Columbia, MO

2008 – 2010 Member, Search Committee, Associate Dean for Curriculum, University
of Missouri, School of Medicine, Columbia, MO

2010 – 2011 Member, Search Committee for the Chair of Emergency Medicine,
University of Missouri, School of Medicine, Columbia, MO

2010 – 2012 Member, Research Council, University of Missouri School of Medicine,
Columbia, MO

2010 – 2011 Chair, Organizing Committee, Translational Neuroscience Symposium,
University of Missouri, Columbia, MO

2011 – 2012 Member, Dean's Advisory Committee for Research, University of
Missouri School of Medicine, Columbia, MO

2011 - 2012 Member, Executive Clinical Chairs Committee, University of Missouri
School of Medicine, Columbia, MO

2012 – 2017 Executive Committee, Department of Pathology and Laboratory Medicine,
Brown University, Providence, RI

2012 – 2013 Member, Search Committee for the Chair of Dermatology, Brown
University, Providence, RI

2013 – present Member, Advisory Group for the Office of Diversity and Multicultural
Affairs (ODMA), Brown University, Providence, RI

2013 – 2015 Member, Search Committee, Clinical Genetics, Department of Pediatrics,
Brown University, Providence, RI

2013 – 2015 Chair, Subcommittee for Student and Faculty Recruitment, Advisory
Group for the Office of Diversity and Multicultural Affairs, Brown
University, Providence, RI

2014 – 2015 Member, Clinical and Translational Sciences Grant Planning Committee,
Brown University, Providence, RI

2014 – 2015	Member, Search Committee, Chair, Department of Neurosurgery, Brown University, Providence, RI
2014 – 2015	Member, Search Committee, Chief of Hematology-Oncology, Department of Internal Medicine, Brown University, Providence, RI
2015 – 2016	Member, Search Committee, Chair, Department of Orthopedic Surgery, Brown University, Providence, RI
2015 – 2016	Member, Data Analysis and Computation Core Task Force, Brown University, Providence, RI
2015 – 2016	Member, Academic Design and Investment Committee, Warren Alpert Medical School of Brown University and Rhode Island Medical Group, Providence, RI
2016 – 2018	Member, Clinical and Translational Sciences Grant Writing Group, Brown University, Providence, RI
2016 – 2018	Co-Director, Training Core (TL1), Clinical and Translational Sciences (Advance-CTSA), Brown University, Providence, RI
2017 – 2018	Coordinator for Precision Medicine educational initiatives, Clinical and Translational Sciences (Advance-CTSA), Brown University, Providence, RI
2019 – 2022	Member, Search Committee for Cancer Biology Program (3 positions), Brown University and Lifespan Cancer Institute, Providence, RI

MEMBERSHIP IN SOCIETIES

1987 - present	United States and Canadian Academy of Pathology (USCAP) Course Director, Short Course - "Problems in Neuromuscular Pathology: Evaluation of Nerve and Muscle Biopsies", United States and Canadian Academy of Pathology, 1997 Chairman, Neuropathology Platform Session, 86th Annual Meeting, United States and Canadian Academy of Pathology, 1997 Panel Member, Neuropathology Diagnostic Session, 86th Annual Meeting, United States and Canadian Academy of Pathology, 1997 Panel Member, Neuropathology Diagnostic Session, 87th Annual Meeting, United States and Canadian Academy of Pathology, 1998 Course Director, Short Course - "Problems in Neuromuscular Pathology: Evaluation of Nerve and Muscle Biopsies", United States and Canadian Academy of Pathology, 1999 Panel Member, Neuropathology Diagnostic Session, 88th Annual Meeting, United States and Canadian Academy of Pathology, 1999 Faculty Member, Diagnostic Pathology Series (Neuropathology), United States and Canadian Academy of Pathology, 1999 - 2002 Course Director, Short Course - "Problems in Neuromuscular Pathology: Evaluation of Nerve and Muscle Biopsies", United States and Canadian Academy of Pathology, 2001 Panel Member, Electron Microscopy Symposium, Ultrastructural Pathology Companion Meeting, United States and Canadian Academy of Pathology, 2000
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Ambassador, United States and Canadian Academy of Pathology,
2011

Course Director, Short Course - "Nerve and Muscle Biopsies: A
patient-centered approach for the general pathologist", United
States and Canadian Academy of Pathology, 2016

Course Director, Short Course - "Nerve and Muscle Biopsies: A
patient-centered approach for the general pathologist", United
States and Canadian Academy of Pathology, 2017

Course Director, Short Course - "Nerve and Muscle Biopsies: A
patient-centered approach for the general pathologist", United
States and Canadian Academy of Pathology, 2018

1988 - present

American Association of Neuropathologists (AANP)

Chairman, Peripheral Nerve and Muscle Platform Session, 64th
Annual Meeting, American Association of Neuropathologists,
1988

Chairman, Toxic and Metabolic Disorders Platform Session, 65th
Annual Meeting, American Association of Neuropathologists,
1989

Chairman, Peripheral Nerve and Muscle Platform Session, 67th
Annual Meeting, American Association of Neuropathologists,
1991

Chairman, Peripheral Nerve and Muscle, Scientific Poster Discussion
Session IV, 68th Annual Meeting, American Association of
Neuropathologists, 1992

Member, Program Committee, Organization and Planning for the 71st
Annual Meeting, American Association of Neuropathologists,
1995

Chairman, Neuromuscular Disorders Poster Discussion Session, 71st
Annual Meeting, American Association of Neuropathologists,
1995

Member, Program Committee, Organization and Planning for the 72nd
Annual Meeting, American Association of Neuropathologists,
1996

Chairman, Neuromuscular Disorders Platform Session, 72nd Annual
Meeting, American Association of Neuropathologists, 1996

Chairman, Nerve and Muscle Disorders, Platform Session VII, 74th
Annual Meeting, American Association of Neuropathologists,
1998

Chairman, Nerve and Muscle Disorders, Poster Session VII, 75th
Annual Meeting, American Association of Neuropathologists,
1999

Panelist, Diagnostic Slide Session, 82nd Annual Meeting of American
Association of Neuropathologists & 16th International Congress of
Neuropathology, 2006

- Member, Professional Affairs Committee, 2013 – present
Chair, AANP Web Site Design and Digital Technologies Committee,
2014 – 2018
Vice President for Professional Affairs, 2017 – 2021
Vice President-Elect, 2021-2022
Vice President, 2022-2023 (proposed by Nominating Committee)
President-Elect, 2023-2024 (proposed by Nominating Committee)
President, 2024-2025 (proposed by Nominating Committee)
- 1989 - present Society for Neuroscience (SfN)
- 1992 - present Society of Toxicology (SOT)
Chairman, Neurotoxicity: Peripheral Nerve and Muscle, 32nd Annual
Meeting, Society for Toxicology, 1993
Chairman, Neurotoxicity: Peripheral Nervous System/Axonal
Degeneration, Scientific Poster Discussion Session 22, 34th
Annual Meeting, Society for Toxicology, 1995
- 1993 - present American Society for Neurochemistry (ASN)
Chair, Neurochemistry Colloquium, “Oxidative/Nitrosative Stress: A
Double-edged Sword in Neurodegenerative Diseases.”, St. Louis,
MO, 2011
Functional Neuroanatomy, “Learning and Memory”, St. Louis, MO,
2011
- 1993 - present American Society for Investigative Pathology (ASIP)
- 1994 - present Society for Pediatric Pathology
- 1997 - present Member, College of American Pathologists (CAP)
Fellow, College of American Pathologists (Elected 2005)
Delegate, CAP House of Delegates (Alternate, elected 2017)
- 2001 - present Member, Association of Pathology Chairpersons (APC)
2007 - 2008 Co-Sponsor/Program Chair with Patricia Thomas, M.D., Chair of
Pathology, University of Kansas, West-Midwest Regional
Association of Pathology Chairpersons, Maui, Hawaii
- 2001 – 2022 Member, Practice Committee
2001 – 2022 Member, Research Committee
2022 – present Senior Fellow, Association of Pathology Chairpersons
- 2002 - 2012 American Association of Clinical Anatomists
- 2005 – present American Medical Association (AMA)
- 2004 - 2012 Missouri State Medical Association

2004 - 2012	Boone County Medical Association
2012 – present	Rhode Island Medical Society Member of Council, 2020 – present
2012 – present	Rhode Island Society of Pathologists
2016 – present	New England Society of Pathologists President-Elect, 2016-2017 President, 2017-2018 Past President/Executive Committee, 2018-2021
2014 – present	International Society of Neuropathology Vice President, 2018 – present
2017 – present	American Association for Cancer Research (AACR)
2021 – present	European Confederation of Neuropathological Societies (Euro-CNS)
2022 – present	Massachusetts Society of Pathologists

PUBLICATIONS

(<http://www.ncbi.nlm.nih.gov/sites/myncbi/1nEJeLu4bh652/bibliography/41649010/public/?sort=date&direction=descending>; 9,177 total citations, h-index 45)

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117. DeGirolami UL, Anthony DC, Frosch MP. Peripheral nerve and skeletal muscle. In: Robbins SL, Cotran RS, Kumar V, eds. Pocket Companion to Robbins Pathologic Basis of Disease, 2nd Edition. Philadelphia: W B Saunders Company, 1995:502-14.
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121. Anthony DC, Montine TJ, Graham DG. Toxic responses of the nervous system. In: Klaassen CD, Amdur MO, Doull J, eds. Casarett and Doull's Toxicology: The Basic Science of Poisons, 5th Edition. New York: Macmillan Publishing Company, 1996:463-86.
122. Schoene WC, Anthony DC, Folkerth RF, DeGirolami UL. Neuropathology of central nervous system tumors. In: Black PM, Loeffler J, eds. Cancer of the Nervous System, Cambridge MA: Blackwell Science, 1996:25-53.
123. DeGirolami UL, Anthony DC, Frosch MP. Peripheral nerve and skeletal muscle. In: Cotran RS, Kumar V, Robbins SL, Collins T, eds. Robbins Pathologic Basis of Disease, 6th Edition. Philadelphia: W B Saunders Company, 1998:1269-91.
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133. Anthony DC, Goebel HH, Mikol J. Hereditary metabolic diseases. In Gray F, De Girolami U, Poirier J, eds. Manual of Basic Neuropathology, 4th Edition. Philadelphia, PA: Butterworth-Heinemann Publishers, 2003:219-48.
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136. Anthony DC, Frosch MP, DeGirolami UL. Peripheral nerve and skeletal muscle. In: Mitchell RN, Kumar V, Abbas AK, Fausto N, eds. Pocket Companion to Robbins Pathologic Basis of Disease, 7th Edition. Philadelphia: W B Saunders Company, 2006:659-72.
137. Frosch MP, Anthony DC, DeGirolami UL. The central nervous system. In: Mitchell RN, Kumar V, Abbas AK, Fausto N, eds. Pocket Companion to Robbins Pathologic Basis of Disease, 7th Edition. Philadelphia: W B Saunders Company, 2006:673-708.
138. Anthony DC, Frosch MP, DeGirolami UL. Peripheral nerve and skeletal muscle. In: Kumar V, Abbas AK, Fausto N, Aster JC, eds. Robbins and Cotran Pathologic Basis of Disease, 8th Edition. Philadelphia: Elsevier Saunders, 2010:1257-77.
139. Frosch MP, Anthony DC, DeGirolami UL. The central nervous system. In: Kumar V, Abbas AK, Fausto N, Aster JC, eds. Robbins and Cotran Pathologic Basis of Disease, 8th Edition. Philadelphia: Elsevier Saunders, 2010:1279-1344.

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141. Anthony DC, Frosch MP, DeGirolami UL. Peripheral nerve and skeletal muscle. In: Mitchell RN, Kumar V, Abbas AK, Fausto N, Aster JC, eds. Pocket Companion to Robbins Pathologic Basis of Disease, 8th Edition. Philadelphia: W B Saunders Company, 2012:642-56.
142. Frosch MP, Anthony DC, DeGirolami UL. The central nervous system. In: Mitchell RN, Kumar V, Abbas AK, Fausto N, Aster JC, eds. Pocket Companion to Robbins Pathologic Basis of Disease, 8th Edition. Philadelphia: W B Saunders Company, 2012:657-89.
143. Vallat JM, Anthony DC, DeGirolami U. Peripheral nerve. In Gray F, De Girolami U, Duyckaerts C, eds. Escourolle and Poirier Manual of Basic Neuropathology, 5th Edition. Oxford, UK: Oxford University Press, 2014; 313-342.
144. Sedel F, Anthony DC, Goebel HH. Hereditary metabolic diseases. In Gray F, De Girolami U, Duyckaerts C, eds. Escourolle and Poirier Manual of Basic Neuropathology, 5th Edition. Oxford, UK: Oxford University Press, 2014; 227-256.
145. Anthony DC, Lacomis D. Critical illness polyneuropathy. In: Vallat J-M, Weis J, eds. Peripheral Nerve Disorders: Pathology and Genetics. Oxford, UK: Wiley Blackwell, 2014; 273-5.
146. Bilbao J, Anthony DC, De Girolami U. Methods for examination of peripheral nerve. In: Vallat J-M, Weis J, eds. Peripheral Nerve Disorders: Pathology and Genetics. Oxford, UK: Wiley Blackwell, 2014; 24-9.
147. Pytel P, Anthony DC. Peripheral nerve and skeletal muscle. In: Kumar V, Abbas AK, Aster JC, eds. Robbins and Cotran Pathologic Basis of Disease, 9th Edition. Philadelphia: Elsevier Saunders, 2015; 1227-50.
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150. Anthony DC, Goebel HH. Hereditary metabolic diseases. In Gray F, De Girolami U, Duyckaerts C, eds. Escourolle and Poirier Manual of Basic Neuropathology, 6th Edition. Oxford, UK: Oxford University Press, 2019;244-276.

151. Pytel P, Anthony DC. Peripheral nerve and skeletal muscle. In: Kumar V, Abbas AK, Aster JC, eds. Robbins and Cotran Pathologic Basis of Disease, 10th Edition. Philadelphia: Elsevier Saunders, 2020; 1217-1240.
152. Seilhean D, Duyckaerts C, Bielle F, DeGirolami U, Anthony DC, Editors. Escourrolle and Poirier Manual of Basic Neuropathology, 7th Edition. Oxford, UK: Oxford University Press, 2024; under contract.

INVITED (NON-PEER REVIEWED) PUBLICATIONS

153. Anthony DC. Ultrastructural Study of the Human Diseased Peripheral Nerve: 2nd Edition. Vital C, Vallat JM. Arch Pathol Lab Med 1989;113:815.
154. Anthony DC. Textbook of Neuropathology: 2nd Edition. Davis RL, Robertson DM, eds. Am J Clin Pathol 1992;96:401.
155. Anthony DC. Quality and cost are inter-related in pathology. Society for Pediatric Pathology Newsletter, Fall 1995:3-4.
156. Anthony DC. Specificity of neurofilamentous swelling and axonal atrophy. Neurotoxicol 1997;18:23-4.

INVITED PRESENTATIONS

1. Anthony DC. "The molecular pathogenesis of hexane neuropathy." Society of Toxicology, Las Vegas, Nevada, March 9, 1983.
2. Anthony DC. "Neurotoxicology." IBM Conference on Clinical and Occupational Toxicology, Research Triangle Park, NC, 1988.
3. Moser VC, Phillips PM, Anthony DC, Sette WF, MacPhail RC. "Final report of subchronic study of 2-hydroxyethyl acrylate and acrylamide in rats." Report to the Office of Toxic Substances. 1989; #68-02-4450.
4. Anthony DC. "The toxic neurofilamentous neuropathies: An experimental model with implications for axonal dystrophies." Mayo Clinic, Rochester, Minnesota, 1989.
5. Anthony DC. "Adrenoleukodystrophy: A reappraisal of the selective demyelination." Department of Neurology, Mayo Clinic, Rochester, Minnesota, 1989.
6. Anthony DC. "Diagnostic neuropathology." Department of Pathology, Mayo Clinic, Rochester, Minnesota, 1989.

7. Anthony DC. "Understanding axonal dystrophies: The use of toxic models." University of Nebraska, Omaha, Nebraska, 1989.
8. Anthony DC. "Toxic disruption of the axonal cytoskeleton." Stanford University, Palo Alto, California, 1989.
9. Anthony DC. "Neurotoxicology." In: Principles of environmental and industrial toxicology, Institute of Chemical Toxicology, Wayne State University, Detroit, MI, 1989.
10. Anthony DC. "Evaluating patients with peripheral neuropathies: The use of teased fiber preparations." Society of Histotechnology, Raleigh, NC, 1990.
11. Anthony DC. "The cellular basis of neurotoxicology." Duke University Division of Occupational Health Sciences, Durham, NC, 1990.
12. Anthony DC. "Toxic models of neurofilament accumulation: A form of axonal dystrophy." Program in Toxicology, North Carolina State University, Raleigh, NC, 1991.
13. Anthony DC. "The use of toxic models to understand neurologic disease." The University of Alabama, Birmingham, AL, 1991.
14. Anthony DC. "Toxic models of neurologic disease." The University of Florida, Gainesville, FL, 1991.
15. Anthony DC. "Peripheral neuropathies." Department of Neurology, Mayo Clinic, Rochester, MN, 1991.
16. Anthony DC. "Disruption of axonal transport." Department of Pathology, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 1991.
17. Anthony DC. "Disorders of peripheral nerve." The F. Stephen Vogel Clinical Pathological Correlation in Practical Neuropathology, Durham, NC, 1991.
18. Anthony DC, Pyle SJ. "Impairment of the translocation of intermediate filaments." In: Involvement of the cytoskeleton in chemical-induced neurodegenerative disorders, The International Neurotoxicology Association, Elsinore, Denmark, 1993.
19. Graham DG, Valentine WM, Amarnath V, Anthony DC. "Mechanism of protein cross-linking by hexane and carbon disulfide." International Society for the Study of Xenobiotics, Raleigh, NC, 1994.
20. Anthony DC. "Neuropathology: clinical and scientific frontiers." The Medical Scientist Symposium Series, Brown University, Providence, RI, May, 1994.

21. Anthony DC. "Quantitation of molecular injury in neurotoxicology." Visiting Lecture Series, Joint Program in Toxicology, Rutgers University, Piscataway and University of Medicine and Dentistry of New Jersey - Robert Wood Johnson Medical School, Brunswick, NJ, November, 1994.
22. Anthony DC. "Glial tumor grading and pathology and radiation necrosis." Harvard University Continuing Education Course "Tumors of the Central Nervous System: Brain Tumor Management", Boston, MA, November, 1995.
23. Anthony, DC. Clinical commentator, Brain Tumor Symposium: Research Presentations and Clinical Perspectives, Sponsored by the Brain Tumor Society, Boston, MA, December, 1995.
24. Anthony DC. "Peripheral nerve biopsies." Symposium presentation, College of American Pathologists, Boston, MA, April, 1996.
25. Anthony DC. "Peripheral nerve biopsies: issues in handling and evaluation." Department of Pathology, University of Kansas, Kansas City, KS, August, 1996.
26. Anthony DC. "Neuromuscular Case Studies." Visiting Professor, Department of Pathology, University of Kansas, Kansas City, KS, August, 1996.
27. Anthony DC. "Brain Tumor Pathology." Harvard University Continuing Education Course "Tumors of the Central Nervous System: Brain Tumor Management", Boston, MA, November, 1996.
28. Anthony DC. "Challenging cases in brain tumor pathology." Harvard University Continuing Education Course "Tumors of the Central Nervous System: Brain Tumor Management", Boston, MA, November, 1996.
29. Anthony DC. "Peripheral nerve biopsies: pathologic evaluation and clinical integration." Massachusetts General Hospital, Pathology Grand Rounds, Boston, MA, November, 1996.
30. Anthony DC. "Diseases of the peripheral nervous system." Neurosurgical Grand Rounds, Brigham and Women's Hospital and Children's Hospital Program in Neurosurgery, Boston, MA, January, 1997.
31. Anthony DC, DeGirolami U. "Problems in neuromuscular pathology: Evaluation of nerve and muscle biopsies." Symposium presentation, United States and Canadian Academy of Pathology, Orlando, FL, March, 1997.
32. Anthony DC. "Neuropathology Diagnostic Slide Session - Lhermitte Duclos disease." Symposium presentation, United States and Canadian Academy of Pathology, Orlando, FL, March, 1997.

33. Anthony DC. "Peripheral nerve biopsies: pathologic evaluation and clinical integration." Spaulding Hospital Grand Rounds, Boston, MA, March, 1997.
34. Anthony DC. "Peripheral nerve biopsies: current issues in handling and evaluation." New England Deaconess Hospital, Pathology Conference, Boston, MA, April, 1997.
35. Anthony DC. "Primitive neuroectodermal tumors in childhood." Universidade Federal de São Paulo, Escola de Medicina, São Paulo, Brazil, April, 1997.
36. Anthony DC. "Myopathies of childhood." Universidade Federal de São Paulo, Escola de Medicina, São Paulo, Brazil, April, 1997.
37. Anthony DC. "Case discussions: Neuropathology." Universidade Federal de São Paulo, Escola de Medicina, São Paulo, Brazil, April, 1997.
38. Anthony DC. "Classification and grading human gliomas: current issues." University of South Florida, Tampa, FL, April, 1997.
39. Anthony DC. "Peripheral neuropathies." The Chinese University of Hong Kong Program in Neuropathology, Beijing, China, September, 1997.
40. Anthony DC. "Malignant tumors of childhood." The Chinese University of Hong Kong Program in Neuropathology, Beijing, China, September, 1997.
41. Anthony DC, DeGirolami U. "Evaluation of muscle biopsies." The Chinese University of Hong Kong Program in Neuropathology, Beijing, China, September, 1997.
42. Anthony DC. "Neuropathology Diagnostic Session; Case Studies for Pathologists." The Chinese University of Hong Kong Program in Neuropathology, Beijing, China, September, 1997.
43. Anthony DC. "Evaluation of biopsies from patients with neuromuscular disease" Harvard Longwood Neurology Program, Harvard Institutes of Medicine, Boston, MA, October, 1997.
44. Anthony DC. "Brain Tumor Pathology." Harvard University Continuing Education Course "Tumors of the Central Nervous System: Brain Tumor Management", Boston, MA, November, 1997.
45. Anthony DC. "Challenging cases in brain tumor pathology." Harvard University Continuing Education Course "Tumors of the Central Nervous System: Brain Tumor Management", Boston, MA, November, 1997.

46. Anthony DC. "Neuropathology Diagnostic Slide Session - Dysembryoplastic neuroepithelial tumor." Symposium presentation, United States and Canadian Academy of Pathology, Boston, MA, March, 1998.
47. Anthony DC. "Neuropathology Diagnostic Slide Session - Choroid plexus neoplasms." Symposium presentation, United States and Canadian Academy of Pathology, San Francisco, CA, March, 1999.
48. Anthony DC, DeGirolami U. "Problems in neuromuscular pathology: Evaluation of nerve and muscle biopsies." Symposium presentation, United States and Canadian Academy of Pathology, San Francisco, March, 1999.
49. Anthony DC. "Diagnostic Neuropathology: Current Issues with Case Presentations." Visiting Professor, Vanderbilt University, Nashville, TN, May, 1999.
50. Anthony DC. "Surgical Neuropathology." Diagnostic Pathology, United States and Canadian Academy of Pathology, Minneapolis, MN, August, 1999.
51. Anthony DC. "Complex Cases in Brain Tumor Pathology." Harvard University Continuing Education Course "Tumors of the Central Nervous System: Brain Tumor Management", Boston, MA, November, 1999.
52. Anthony DC. "Inherited and storage diseases of peripheral nerve." Ultrastructural Pathology Meeting Symposium, held jointly with the United States and Canadian Academy of Pathology meeting, New Orleans, LA, March, 2000.
53. Anthony DC. "Pathologic evaluation of peripheral neuropathies." St. Lukes Hospital Neuroscience Symposium, Manila, Philippines, October, 2000.
54. Anthony DC. "Leukodystrophies and demyelinating diseases of childhood." St. Lukes Hospital Neuroscience Symposium, Manila, Philippines, October, 2000.
55. Anthony DC. "Current Trends in Pediatric Autopsies." Surgical Grand Rounds, Children's Hospital, Boston, MA, January, 2001.
56. Anthony DC. "Pediatric Autopsies: A Post-Mortem Analysis." Oncology Grand Rounds, Dana Farber Cancer Institute, Boston, MA, January, 2001.
57. Anthony DC. "Peripheral Nerve Biopsies: Current Diagnostic Issues." Department of Pathology, Medical College of Georgia, Augusta, GA, March, 2001.
58. Anthony DC. "Peripheral Neuropathy: Pathologic and Molecular Classification." Department of Pathology, University of Tennessee, Memphis, TN, May, 2001.

59. Anthony DC. “Disorders of the Axon: Pathologic and Molecular Classification.” Department of Pathology, University of Missouri, Columbia, MO, May, 2001.
60. Anthony DC. “The Autopsy: A Post-Mortem Analysis.” Vanderbilt University, Department of Pathology, Nashville, TN, January, 2003
61. Anthony DC. “The Autopsy: A Post-Mortem Analysis.” Medicine Grand Rounds, University of Missouri, Columbia, MO, February, 2003
62. Anthony DC. “Brain Tumors: Refining the Current Classification with Biochemical and Molecular Markers.” Surgery Grand Rounds, University of Missouri, Columbia, MO, March, 2004
63. Anthony DC. “Seminar on Advanced Pathologic Techniques: Current Issues in Neuropathology.” American College of Veterinary Pathologists and ILSI Health and Environment Sciences Institute, Boston, MA, December, 2005
64. Anthony DC. “Case 2006-9; AANP Diagnostic Slide Session.” International Congress of Neuropathology, San Francisco, CA, September, 2006
65. Anthony DC. “Brain Tumors: Refining the Classification in the Molecular Era.” Kansas University Pediatric Grand Rounds, Kansas City, KS, November, 2006
66. Resnik AG, Anthony DC. “The Role of the Hippocampus in Memory Formation.” University of Missouri, Psychiatry Grand Rounds, Columbia, MO, November, 2006
67. Anthony DC. “Using the Autopsy to Improve Patient Care.” University of Missouri, Internal Medicine Grand Rounds, Columbia, MO, January, 2007.
68. Anthony DC. “Forensic pathology: Meeting the RRC mandates while serving the community.” Association of Pathology Chairpersons, Puerto Vallarta, Mexico, November, 2007.
69. Anthony DC. “Non-occlusive cerebrovascular injury of the brain.” University of Missouri, Neurology Grand Rounds, Columbia, MO, January, 2008.
70. Anthony DC, Stacy CC. “Forensic pathology – the scientific basis of post-mortem diagnosis.” U.S. Department of Justice and Missouri Supreme Court-Sponsored ASTAR (Advanced Science and Technology Adjudication Resource) Presentation, Columbia, Missouri, 2008.
71. Anthony DC. “Center for Translational Neurosciences Research”. Neurosurgery Conference, Columbia, MO, 2008.

72. Anthony DC. “ACGME Requirements for Pathology Residency Programs”. Association of Pathology Chairs, Maui, HI, 2008.
73. Anthony DC, Smith FH. “Medical Examiners As Part Of The CSI Team”. Association of County Commissioners, State of Missouri, Jefferson City, MO, February, 2009.
74. Anthony DC. “Brain Tumors: Current Classification and New Horizons”. Pathology Grand Rounds, Kansas University Medical Center, Kansas City, KS, 2009.
75. Anthony DC. “Expert Panel Discussion – Translational Research in Bioelectrics”, International Bioelectric Symposium, Columbia, MO, 2009.
76. Anthony DC, Miller DC. “Pyogenic Infections of the CNS.” Neurology Grand Rounds, University of Missouri, Columbia, MO, 2009.
77. Anthony DC. “Brain Tumors: A Look at the Horizon.” Seminars in Translational Neurosciences, University of Missouri, Columbia, MO, 2010.
78. Anthony DC, Miller DC. “Viral Encephalopathies.” Neurology Grand Rounds, University of Missouri, Columbia, MO, 2010.
79. Anthony DC. “Statistics and Scientific Certainty.” U.S. Department of Justice-Sponsored ASTAR (Advanced Science and Technology Adjudication Resource) Boot Camp, Language of the Court-Related Sciences, St. Louis, Missouri, 2010.
80. Anthony DC. “Statistical Approaches to Medical Certainty.” U.S. Department of Justice-Sponsored ASTAR (Advanced Science and Technology Adjudication Resource) Boot Camp, Language of the Court-Related Sciences, St. Louis, Missouri, 2010.
81. Anthony DC. “Translational Neurosciences – An Introduction to the Approach at the University of Missouri.” Translational Neuroscience Symposium, Columbia, Missouri, 2011.
82. Anthony DC. “State of the Science: Brain Development and Anatomy.” Plenary Lecture, U.S. Department of Justice-Sponsored ASTAR (Advanced Science and Technology Adjudication Resource) Conference, Developmental Forensics of Children Adjudicated by Courts, Chapel, NC, 2011.
83. Anthony DC. “Fetal Alcohol Syndrome.” Workshop and Lecture, U.S. Department of Justice-Sponsored ASTAR (Advanced Science and Technology Adjudication Resource) Conference, Developmental Forensics of Children Adjudicated by Courts, Chapel, NC, 2011.
84. Anthony DC. “Functional Neuroanatomy of Learning and Memory.” American Society for Neurochemistry, St. Louis, MO, 2011.

85. Anthony DC. “Oxidative and Nitrosative Stress: A Double-Edged Sword in Neurodegenerative Disease.” Chair, American Society for Neurochemistry Colloquium, St. Louis, MO, 2011.
86. Anthony DC. “MU Center for Translational Neuroscience – An Update”. Translational Biomedicine Seminar, University of Missouri, Columbia, MO, 2011.
87. Anthony DC. “Declarative and Non-declarative Memory – The Functional Anatomy of Remembering What and How.” Medical Sciences Seminar Series, University of Missouri, Columbia, MO.
88. Anthony DC. “A Center for Translational Neuroscience – Coordinating Clinical and Basic Science Research Programs.” Brown University and Lifespan Academic Medical Center, Providence, RI, 2011.
89. Anthony DC. “Mission-Based Metrics in Academic Pathology.” Association of Pathology Chairs, Monterey, CA, 2011.
90. Anthony DC. “Overview – Communications in Forensics: A Multidisciplinary Approach to Problematic Cases.” Branson, MO, 2011.
91. Anthony DC. “Gliomas: Pathway to Personalized Diagnostics.” Yale University, School of Medicine, Pathology Grand Rounds, New Haven, CT, 2013.
92. Anthony DC. “Neuropathology Difficult Case Conference.” Yale University, School of Medicine, Pathology Resident Slide Session, New Haven, CT, 2013.
93. Anthony DC. “Digital Imaging in Histopathology.” American Society of Clinical Laboratory Sciences, Providence, RI, 2014.
94. Anthony DC. “The Future of Pathology and Laboratory Medicine: Looking toward 2020”. Pathology Grand Rounds, Brown University, 2015.
95. Anthony DC. “Web Site and Digital Technologies – A Plan for Neuropathology” American Association of Neuropathologists, Denver, CO, 2015.
96. Anthony DC, Pytel P. "Nerve and Muscle Biopsies: A patient-centered approach for the general pathologist", United States and Canadian Academy of Pathology, Seattle, WA, 2016
97. Anthony DC. “Advances in the Web Presence for the American Association of Neuropathologists – Committee Report - <http://www.neuropath.org/>”, Baltimore, MD, 2016.

98. Anthony DC. “Update on the American Association of Neuropathologists Website and Member Engagement”, Baltimore, MD, 2016.
99. Anthony DC. “Precision Medicine”, Board of Trustees, Lifespan Academic Medical Center, Providence, RI, 2016.
100. Anthony, DC. “Precision Medicine – Current Success and Future Trends”, Board of Trustees, Rhode Island Hospital Foundation, Providence, RI, 2016.
101. Anthony DC, Pytel P. "Nerve and Muscle Biopsies: A patient-centered approach for the general pathologist", United States and Canadian Academy of Pathology, San Antonio, TX, 2017.
102. Anthony DC. “Enhanced Online Capabilities of the American Association of Neuropathologists – Committee Report - <http://www.neuropath.org/>”, Garden Grove, CA, 2017.
103. Anthony DC. “A Model for Cancer Translational Research”, Lifespan Cancer Institute, Providence, RI, 2017.
104. Anthony DC, Pytel P. "Nerve and Muscle Biopsies: A patient-centered approach for the general pathologist", United States and Canadian Academy of Pathology, Vancouver, British Columbia, Canada, 2018.
105. Anthony DC. “A Coordinated Approach to Brain Tumors and Clinical Trials”, Dana Farber Cancer Institute, Boston, MA, 2018.
106. Anthony DC. “Precision Medicine: Long Term Plans for Improved Health Outcomes”, Lifespan Cancer Institute, Research and Practice Committee, Providence, RI, 2018.
107. Anthony DC. “Translational Research Program: Planning for the Future”, Lifespan Cancer Institute, Providence, RI, 2018.
108. Anthony DC, “Glioblastoma: On the Path to Personalized Medicine”, Boston University Department of Pathology Grand Rounds, Boston University, Boston, MA, 2018.
109. Anthony DC. “Electron Microscopy in Neuropathology”, Ultrathin XIX, The International Meeting of the Society for Ultrastructural Pathology, Newport, RI, USA, 2018.
110. Anthony DC. “Glioblastoma stem cells: The Path to Precision”, Duke University, Department of Pathology Grand Rounds, Duke University, Durham, NC, 2019.

111. Anthony DC. “Illegitimi Non Corborundum – In Search of Knowledge and Faith”, Keynote Speaker, Duke University Graduation Speaker, Department of Pathology Graduate Medical Education, Duke University, Durham, NC, 2019.
112. Anthony DC, Delalle I, Donahue JP. Neuropathology: Update and Current Practices. Brown University Neurosurgical Grand Rounds, 2020.
113. Anthony DC. “Glioblastoma Stem Cells: Getting Closer to the Root of the Problem?”, Lifespan Cancer Institute and Brown Program in Cancer Biology, 2021.

GRANTS

1. Environmental Toxicant-Induced Neurofilament Neuropathology
National Institutes of Health/R01, 1984 - 1989
Co-investigator (National Institute of Environmental Health Sciences; Dr. D. G. Graham, Principal Investigator)
Goal: To investigate the molecular mechanisms involved in neurofilament accumulation in toxic neuropathies.
2. Toxic Models of Neurofibrillary Pathology
National Institutes of Health/K08, 1987 - 1992
Principal Investigator (National Institute of Neurological Disorders and Stroke)
Goal: To investigate the molecular mechanisms involved in neurofilament accumulation in toxic neuropathies and implications for neurologic diseases.
3. Environmental Toxicant-Induced Neurofilament Neuropathy
National Institutes of Health/R37 MERIT Award, 1989 - 1999
Co-investigator (National Institute of Environmental Health Sciences; Dr. D. G. Graham, Principal Investigator)
Goal: To investigate the molecular mechanisms involved in neurofilament accumulation in toxic neuropathies, and structure-activity relationships.
4. Duke University Medical Scientist Training Program
National Institutes of Health/T32, 1989 - 1992
Associate Program Director (National Institute of General Medical Sciences; Dr. S. V. Pizzo, Program Director)
Goal: To train physician scientists in a rigorous traditional scientific environment and a novel medical school curriculum.
5. Hemoglobin Adducts: Dosimeter of Internal Exposure
National Institutes of Health/R01, 1989 - 1995
Principal Investigator (National Institute of Environmental Health Sciences)
Goal: To quantify toxic exposures using hemoglobin covalent adducts as an internal dosimeter.
6. Duke University Medical Scientist Training Program
National Institutes of Health/T32, 1992 - 1997
Associate Program Director (National Institute of General Medical Sciences; Dr. S. V. Pizzo, Program Director)
Goal: To train physician scientists in a rigorous traditional scientific environment and a novel medical school curriculum.
7. Studies on the Intra-axonal Transport of Neurofilaments
Feodor Lynen Foundation Research Award, 1994 - 1995
Principal Investigator (Alexander von Humboldt Foundation)

- Goal: To study the movement of neurofilament proteins within the axon in models of neurologic disease.
8. P-selectin Expression and Leukocyte Recruitment in Brain
National Institutes of Health/R01, 1994 - 1998
Consultant (Dr. T. Mayadas-Norton, Principal Investigator)
Goal: To identify and quantify the migration of leukocytes within the brain in response to inflammatory stimuli.
 9. MRI Single Voxel Spectroscopy in Pediatric Brain Tumors
American Cancer Society Research Award, 1994 - 1998
Co-investigator (Dr. A. Tzika, Principal Investigator)
Goal: To compare signals obtained by magnetic resonance spectroscopy with the cellular pathology of brain tumors.
 10. Intermediate Filament Localization: Control of Synthesis and Translocation
Wilkes Foundation Research Award, 1996 - 2001
Principal Investigator (Wilkes Foundation)
Goal: To characterize the synthesis and movement of intermediate filaments within cells, and the alteration of movement induced in pathologic conditions.
 11. Local Control of Immune Activity in the Brain
National Institutes of Health/R01, 1997 - 2000
Co-Investigator (Dr. L. Lampson, Principal Investigator)
Goal: To characterize lymphocytic infiltration of the brain and local environments that participate in immune activity within the brain.
 12. Metabolic and Hemodynamic MR Characterization of Pediatric Brain Tumors
American Cancer Society Research Award, 1998 - 2001
Co-Investigator (Dr. A. Tzika, Principal Investigator)
Goal: To compare signals obtained by magnetic resonance spectroscopy and diffusion-weighted imaging with the cellular pathology of brain tumors.
 13. Consented High-Performance Indexing and Retrieval of Pathology Specimens
National Institutes of Health, Program Project in Pathology Informatics, 2001
Co-Investigator (NCI Pathology Informatics, Dr. I. Kohane, Principal Investigator; Inter-institutional Dana Farber/Harvard Cancer Center, Massachusetts General Hospital, Brigham and Women's Hospital, and Children's Hospital)
Goal: To develop indexing and retrieval strategies for pathology specimens using diagnostic text with context specificity.
 14. Neuro-oncology SPORE Grant
National Institutes of Health/SPORE, 2001
Co-Investigator; Children's Hospital Director (National Cancer Institute, Dr. D. Louis, Program Director)

- Goal: To develop a specialized center for research across multiple Harvard-affiliated institutions to correlate cellular and molecular markers in brain tumors with prognosis and clinical outcome.
15. Therapeutic Na⁺ channel blockers: receptor and drug design
National Institutes of Health/2RO1-GM48090, 2000 - 2004
Co-Investigator (Dr. G. K. Wang, Principal Investigator)
Goal: To develop sodium channel blockers that create long-lasting pain control while avoiding peripheral nerve toxicity.
 16. Evaluation of Astrocytomas with HRMAS 1H-MR Spectroscopy
National Institutes of Health/R01-CA77727, 1999 - 2004
Co-Investigator (National Cancer Institute, Dr. L. Cheng, Principal Investigator)
Goal – To utilize high-resolution magnetic imaging spectroscopy in combination with magic angle spinning techniques to characterize the high-intensity signals emanating from brain tumors, and identify the cellular and molecular basis of these signals.
 17. Continuum of Guidance With a Network of Mentors
National Science Foundation Presidential Recognition Award/ HRD-0328407, 2004-2006
Principal Investigator (Dr. Ellis Ingram, Nominee)
Goal – To establish a network of individuals in scientific fields to provide a continuum of mentoring for underrepresented minorities of ages K-20, and facilitate their inclusion in scientific and medical professions.
 18. Therapeutic Na⁺ Channel Blockers: Receptor and Drug Design
National Institutes of Health/2RO1- GM48090, 2004 - 2008
Consultant, 5% Effort (Dr. G. K. Wang, Principal Investigator)
Goal – To develop long-acting Na channel blockers pertinent to pain management and to gain a better understanding of the mechanism of action of these blockers and their potential toxicity.
 19. Clinical & Translational Sciences Planning Grant: MU Institute for Clinical and Translational Sciences, University of Missouri
National Institutes of Health/CTSA, 1P20-RR023527-01, 2006 - 2008
Co-Investigator, 10% Effort (National Center for Research Resources, Dr. Jamal Ibdah, Principal Investigator)
Goal – To create a transdisciplinary institute at the University of Missouri that supports the rapid translation of basic research findings to clinical utility using a multi-departmental approach and graduate program.
 20. Application of 454 Sequencing to Cancer Epigenetics
National Institutes of Health/1R33-CA134304-01A1, 2008 - 2011
Co-investigator, 5% Effort (National Cancer Institute, Dr. Huidong Shi, Principal Investigator)

- Goal – To develop a high-throughput, large-scale, sequencing-based approach to provide efficient methods for deeply exploring the cancer epigenome in brain tumors.
21. Beta-galactin mediated pathways as therapeutic targets in prostate cancer
VA Merit Award, 2009 - 2015
Co-investigator, 5% Effort (Dr. Slava Glinskii, Principal Investigator)
Goal – To define the mechanisms of galectin-3 mediated prostate cancer homing to the microvasculature of distant organs and its role in site-specific metastasis.
 22. Building Networks for the Center for Translational Neuroscience
Mizzou Advantage Innovation Program Grant, 2010 - 2011
Principal Investigator
Goal – To support a symposium focused on the research efforts of neuroscience faculty members, and provide a catalyst for the development of comprehensive neurosciences at the University of Missouri.
 23. Ovarian Cancer Cell Invasion and Metastasis
National Institutes of Health, NCI 3R01-CA086984-12S, Subcontract to University of Missouri, 2011-2012
Principal Investigator, 2% Effort (National Cancer Institute, Subcontract, S. Stack, Principal Investigator)
Goal – To provide graduate student support in a collaborative effort to identify the mechanisms involved in ovarian cancer invasion and metastasis; subcontract to the University of Missouri from the University of Notre Dame, UND-309914.
 24. Targeting tumor invasion and drug resistance using 3D human organoids
Dean's Award, Brown University, 2015-2017
Co-Investigator (Ian Wang, Alexander Brodsky, Co-Principal Investigators)
Goal – To measure the emergence of drug resistance and invasiveness in biomimetic 3D organoids of breast cancer and glioblastoma.
 25. Profiling heterogeneous invasion and resistance using 3D tumor organoids
P30GM 110759-01, COBRE Project (NIGMS), 2015 – 2018
Co-Investigator (Ian Wong, Principal Investigator)
The major goal of this project is to measure the epithelial-mesenchymal transitions in 2D and 3D cultures after stimulation of specific pathways, and how the transition is affected by specific therapeutic regimens.
 26. Medley Genomics Feasibility of Cell Lineage Determination in Human Cancer
Rhode Island Innovation Voucher, 2017 – 2019
Co-Investigator (Murray Resnick, Principal Investigator)
Goal - To compare molecular signatures in primary tumors and metastases using Genomic Heterogeneity™ Software to identify and characterize tumor cell subpopulations.

27. Trans-nasal Delivery of Chemotherapy to Glioblastoma using Magnetic Nanoparticles and Magnetic Focusing.
STTR R41 CA213540, 2017-2019
Co-Investigator (Irving Weinberg, PI)
Goal – To use magnetic nanoparticles to focus drug delivery directly to glioblastoma tumor beds at higher therapeutic levels than could otherwise be achieved using systemic delivery.
28. Role of Epigenetic Regulation in Human Glioma: Non-coding RNA and RNA Methylation.
Warren Alpert Foundation Research Grant, 2019-2023
Co-Investigator (Steven Toms, PI)
PI for Biorepository Core
Goal – To identify how epigenetic modification of messenger RNA and non-coding RNA occurs in malignant gliomas, and the impact of these epigenetic pathways on the biologic behavior of malignant glioma cells.
29. Allele – Enabling Cutting-Edge Genomic Analysis to Guide Patient Care
Accelerating Brain Cancer Cure (ABC²), 2019-2023
Site Principal Investigator (Keith Ligon, Overall PI)
Goal – To bring robust genomic profiling to brain cancer patients and accelerate the discovery of genomic markers that predict positive outcomes in individually-targeted therapies.
30. 3D Capture Technology for Isolation and Analysis of Live Circulating Tumor Cells
SBIR - US Small Business Administration, 2019-2023
Site Principal Investigator (H. T. Kao, Overall PI)
Goal – To develop and validate the use of specific cell-signaling pathways to characterize cancer cells and isolate circulating cancer cells from the blood of patients.
32. Glioblastoma Translational Research – A Center of Biomedical Research Excellence
National Institute of General Medical Sciences (COBRE) (resubmission pending)
Principal Investigator, CAMPAC (Steven Toms, Overall PI)
Goal – To establish a Cellular and Molecular Processing Analytics Core (CAMPAC) to provide detailed cellular and molecular analysis of glioblastomas linked to pertinent clinical information through a biorepository that has optimized the collection, preservation, storage and distribution of human tumor tissue, tumor cell cultures, and blood samples in a setting of consultation with experts in neuropathologic and genomic analysis, and computational support.

UNIVERSITY TEACHING ROLES

Courses and training programs

1987 - 1992 General Pathology (Path 200), Duke University, School of Medicine

1987 - 1992 Lecturer, lab instructor, and clinical pathologic conferences
Neuropathology (Path 353), Duke University Graduate School
Lecturer

1987 - 1992 Subcellular Pathology (Path 346), Duke University Graduate School
Lecturer

1987 - 1992 Faculty Member, Neuroscience Tract, Duke University School of
Medicine

1988 - 1992 Faculty Member, Toxicology Program, Duke University, School of
Medicine and Graduate School of Arts and Sciences

1991 - 1992 Mechanisms of Cell Injury (Cell Biology 211), Duke University Graduate
School of Arts and Sciences, Lecturer

1993 – 2001 Human Nervous System and Behavior, Harvard Medical School, Boston,
MA, Lecturer and laboratory Instructor

1999 - 2001 Human Pathology, Harvard Medical School, Laboratory Instructor

2002 - 2012 Problem-Based Learning Curriculum; Learning Objectives and Teaching
Coordination in Anatomy and Pathology, University of
Missouri, School of Medicine, Columbia, MO
M1 Block 3 (Neuroscience focus), First Year Medical Students,
Lecturer and Laboratory Instructor
M2 Block 5 (General Pathology focus), Second Year Medical
Students, Lecturer and Laboratory Instructor
M2 Block 6 (Pulmonary, cardiac, and hematology learning foci),
Second Year Medical Students , Laboratory Instructor
M2 Block 7 (GI, GU, and endocrine learning foci), Second Year
Medical Students, Laboratory Instructor
M2 Block 8 (Neurology, breast, bone, skin, reproductive, vascular
and infections learning foci), Second Year Medical
Students, Laboratory Instructor

2002 - 2012 Member of the Graduate Faculty, University of Missouri,
Columbia, MO

2002 - 2012 Member of the Doctoral Faculty, University of Missouri,
Columbia, MO

2002 - 2012 Member of the Interdisciplinary Neuroscience (Graduate Student)
Program, University of Missouri, Columbia, MO

2005 – 2012 Member of the Pathobiology Area (Graduate Student) Program,
University of Missouri, Columbia, MO

2002 – 2012 Course Director, Research in Pathology and Anatomical Sciences,
Masters level (PAS 8290)

2002 – 2012 Course Director, Research in Pathology and Anatomical Sciences,
Doctoral level (PAS 9090)

2002 – 2012 Course Director, Elective in Anatomic and Clinical Pathology for
Fourth Year Medical Students (PAS 6653)

2002 – 2012 Course Director, Advanced Pathology (PAS 7300), Graduate
School, University of Missouri

2002 – 2012	Course Director, Advanced Biomedical Sciences Elective in Neurosciences (PAS 6672) for Fourth Year Medical Students
2005 – 2012	Integrative Neurosciences I (BIOL 8440), University of Missouri, School of Arts and Sciences, Course Design and Lecturer
2005 – 2012	Cancer Biology, Biological Sciences (BIOL 4994), University of Missouri, School of Arts and Sciences, Lecturer
2005 – 2012	Mechanisms of Disease, Veterinary Pathobiology (VPB 8436), University of Missouri, College of Veterinary Medicine, Lecturer
2007 – 2012	Integrative Neurosciences II (BIOL 8442), University of Missouri, School of Arts and Sciences, Course Design and Lecturer
2008 – 2012	Forensic Pathology and Death Scene Investigation, Pathology and Anatomical Sciences (PAS 7020), School of Medicine, Graduate School of Arts and Sciences, and School of Law, Course Design and Lecturer
2015 – 2018	Biol 3652 IMSII: Brain Sciences, Brown University, Content Design and Lecturer
2018 – present	Biol 3652 IMSII: Brain Sciences, Brown University, Lab and lectures

Educational leadership roles

1994	Working Group to assess the educational goals for the Neuromuscular Section of Human Nervous System and Behavior, Harvard Medical School, Boston, MA Planning revisions in neuromuscular education for Harvard medical students; locating and preparing teaching materials for newly-identified teaching objectives.
2000 – 2001	Head of Cannon Society Laboratory, Pathology Education, Harvard Medical School, Boston Coordinating the teaching activities of faculty teaching for pathology laboratories for second year medical students in Cannon Society
2001 - 2012	Coordination of Education for anatomy-intensive (predominantly Blocks 1-4) and pathology-intensive (predominantly Blocks 5-8) portions of the Problem-Based Learning curriculum, School of Medicine, University of Missouri, Columbia, MO
2002 – 2012	Block 3 Steering Committee, serving on the committee responsible for identifying the learning objectives of the third (of four) blocks for first-year medical school education, reviewing cases used for problem-based learning, coordinating lectures and laboratories with cases, and designing allocation of time between lectures, labs, and PBL tutor sessions.

- 2003 – 2005 Block 5 Steering Committee, serving on the committee responsible for identifying the learning objectives of the first (of four) blocks for second-year medical school education, reviewing cases used for problem-based learning, coordinating lectures and laboratories with cases, and designing allocation of time between lectures, labs, and PBL tutor sessions.
- 2002 - 2012 MU 2020 Curriculum Revision Project; Task Force to assess the educational goals and admissions procedures for the School of Medicine, University of Missouri, Columbia, MO
- 2016 – 2018 Biol 3652 IMSII: Brain Sciences, Brown University, Providence, RI
Member of planning committee for Brain Sciences (Luba Dumenco, Director)

Individual student training

a. Predoctoral research students:

- 1986 - 1988 Independent Study, M. Anthony Moody, B.S., Major: Chemistry; Duke University School of Arts and Sciences (currently M.D., Associate Professor of Pediatrics, Duke University)
- 1987 - 1988 Independent Study, Grant Simons, M.D.; Duke University School of Medicine (currently cardiologist and Chief of Heart Rhythm Services, Englewood Medical Center, Englewood, NJ and Associate Clinical Professor of Cardiology, Mount Sinai Medical Center)
- 1988 - 1989 Independent Study, Mohammed S. Ghotbi, M.D.; Duke University School of Medicine (currently Director of Cardiac Anesthesiology, Kaiser Permanente, San Francisco, CA)
- 1988 - 1989 Independent Study, Lawrence Wetterau, B.S., Major: Chemistry; Duke University School of Arts and Sciences (currently M.D., and Pediatric Endocrinologist, Kaiser Permanente, Baldwin Park, CA)
- 1988 - 1989 Doctoral Dissertation Committee, Mark Swaim, M.D., Ph.D.; Duke University Graduate School of Arts and Sciences (On the structure, function, and biosynthesis of human inter- α inhibitor, 1989) (currently gastroenterologist, Jackson, TN)
- 1988 - 1990 Doctoral Dissertation Committee, Jay Edelberg, M.D., Ph.D.; Duke University Graduate School of Arts and Sciences (A kinetic analysis of the effects of lipoprotein-a on fibrinolytic regulation, 1990) (currently Vice President, and Head of Cardiovascular Development, , Sanofi, New York City, NY)
- 1989 - 1991 Doctoral Dissertation Committee, Alan Mast, M.D., Ph.D.; Duke University Graduate School of Arts and Sciences (Aspects

- of the structure of serpins and their reaction with proteinases, 1991) (currently Associate Professor of Pathology, Medical College of Wisconsin, and Senior Investigator of the Blood Center of Wisconsin, Madison, Wisconsin)
- 1989 - 1992 Thesis Advisor, Sally J. Pyle, Ph.D.; Duke University Graduate School of Arts and Sciences (Neurofilament transport: the effects of the γ -diketones on protein movement, 1992) (currently Associate Professor with Tenure, Department of Cell Biology, University of North Dakota, Grand Forks, ND)
- 1991 - 1992 Doctoral Dissertation Committee, David Rubenstein, M.D., Ph.D.; Duke University Graduate School of Arts and Sciences (Structure and function of monomeric α -macroglobulins, 1992) (currently Louis Skinner Distinguished Professor of Dermatology, University of North Carolina, Chapel Hill, NC)
- 1991 - 1992 Independent Study, Elizabeth (Betsy) Kau, B.S., Major: Chemistry; Duke University School of Arts and Sciences (currently M.D., Ralph Johnson Veterans Administration Medical Center, Charleston, SC)
- 1991 - 1993 Doctoral Dissertation Committee, Brad Bolon, D.V.M., Ph.D.; Duke University Graduate School of Arts and Sciences (Methanol-induced neural tube defects in mice: characterization of lesions, target and teratogen, 1993) (currently President, GEMpath Inc., Cedar City, UT)
- 1992 Independent Study, Emily (Kazaks) Prosise, B.S., Major: Biology; Duke University School of Arts and Sciences (currently M.D., Dermatology, Austin, TX)
- 1994 Honors Thesis Committee, Wendy Armstrong, M.D.; Harvard Medical School (Graduation with Honors in a Special Field, Cum Laude; Thesis: Evaluation of MHC Expression Xenografts of Human Neural Cell Lines) (currently Professor and Vice Chair for Education and Integration, Department of Medicine, Emory University, Atlanta, GA)
- 1994 Independent Study, Erik J. Clemente, B.S., Major: Microbiology and Biochemistry; University of California, Los Angeles (Summer Study at Harvard Medical School, Neuropathology Program of the Brigham and Women's and Children's Hospitals, Boston, MA)
- 1996 Honors Thesis Committee, Laura Lambert, M.D.; Harvard Medical School (Thesis: Irreversible conduction block in isolated frog sciatic nerve by high concentrations of local anesthetics.) (currently Associate Professor of Surgery, University of Massachusetts, Worcester, MA)

- 1997 Honors Thesis Committee, Jack Tsao, M.D., D.Phil; Harvard Medical School (Thesis: Early events in Wallerian degeneration.) (currently Professor of Neurology, Uniformed Services University, Washington, DC)
- 1998 Thesis Committee, External Examiner, Tong Yuen Kwan, Ph.D.; The Chinese University of Hong Kong (Thesis: Molecular genetics of oligodendrogliomas and ependymomas.)
- 1999 Thesis Committee, External Examiner, Chen Lan, Ph.D.; The Chinese University of Hong Kong (Molecular genetic and pathologic studies of Alzheimer's disease in Chinese.)
- 2003 Doctoral Dissertation Committee, Elizabeth (Liz) Tonkin, Ph.D.; Vanderbilt University Graduate School of Arts and Sciences (Evaluation of the neurotoxicity of dithiocarbamates, 2003) (currently Associate Director, Nektar Therapeutics, San Francisco, CA)
- 2004-2006 Research Fellowship, Brandon Sylvester; University of Missouri Graduate School of Arts and Science (currently Psy.D. and Mental Health Counselor, Sylvester Consulting LLC, and Associate Professor, Texas School of Professional Psychology of Argosy University, Katy, TX)
- 2005-2009 Doctoral Dissertation Committee, Farah Rahmatpanah, Ph.D.; University of Missouri Graduate School, Pathobiology Area Program (DNA methylation in hematologic malignancies – relationships between patterns of gene silencing and biologic behavior) (currently Research Scientist, University of California – Irvine, Irvine, CA)
- 2007 - 2010 Doctoral Dissertation Committee, Wonshill Koh, M.D., Ph.D.; University of Missouri Graduate School and School of Medicine (Angiogenesis in cancer – novel systems to evaluate the stages of endothelial invasion of the extracellular matrix) (currently Assistant Professor in Cardiology, Cincinnati Children's Hospital and University of Cincinnati, Cincinnati, OH)
- 2008 – 2014 Doctoral Dissertation Committee, Natalie Downer, Ph.D., University of Missouri Graduate School Interdisciplinary Neurosciences Program (The role of neurofilament structure on axonal diameter)
- 2008 – 2012 Doctoral Dissertation Committee, Devin Berry, Ph.D., University of Missouri Graduate School Interdisciplinary Neurosciences Program (The transport and polymerization of neurofilaments) (currently Post-doctoral Fellow, Zeng-Feng Chen lab, Washington University, St. Louis, MO)
- 2008 – 2013 Doctoral Dissertation Committee, Jacqueline (Jackie) Glascock, Ph.D., University of Missouri Graduate School Pathobiology Area Program (SMN gene function and

- motor neuron diseases.) (currently Chief Scientific Officer, Cure SMA, Elk Grove, IL)
- 2009 – 2011 Masters Dissertation Committee, Joey Garrity, M.S., University of Missouri Graduate School Pathobiology Program (Improved survival of explant cultures of joint surfaces for orthopedic surgical transplantation.) (currently Resident Physician, Department of Radiology, St. Louis University, St. Louis, MO)
- 2009 – 2011 Masters Dissertation Committee, James Bosanquet, M.S., University of Missouri Graduate School Pathology Masters Program (Patients with venous thromboembolism have higher prevalence of obstructive sleep apnea than the general population) (currently pulmonologist, St. Louis, MO)
- 2010 – 2015 Doctoral Dissertation Committee, Kawasi Lett, University of Missouri Graduate School, Biological Sciences (Loss of afferent input alters voltage gated ion channel and neuromodulator receptor expression in crustacean and mammalian neurons) (currently Post-doctoral Fellow, Ron Harris-Warrick lab, Cornell University, Ithaca, NY)
- 2015 – 2020 Doctoral Dissertation Committee, Botai Xuan, Brown University, Molecular Biology, Cell Biology, Biochemistry (Unraveling the contributions of polyploid giant cancer cells in cancer progression)

b. Post-Doctoral research fellows:

- 1988 - 1990 Post-Doctoral Fellowship, Kalyani Amarnath, Ph.D.; Duke University (currently Research Associate Professor, Department of Pathology, Vanderbilt University Medical Center, Nashville, TN)
- 1990 - 1991 Visiting Scholar, Robert Denlinger, V.M.D., Ph.D.; Duke University (currently Senior Consultant for Drug Safety, The Upjohn Company, Kalamazoo, MI)
- 1991 - 1992 Post-Doctoral Fellowship, William Valentine, D.V.M., Ph.D.; Duke University (currently Associate Professor with Tenure of Pathology, Microbiology, and Immunology, Vanderbilt University Medical Center, Nashville, TN)
- 1992 - 1994 Post-Doctoral Fellowship, Sally J. Pyle, Ph.D.; Harvard Medical School (currently Associate Professor with Tenure, Department of Cell Biology, University of North Dakota, Grand Forks, ND)
- 1993 - 1994 Post-Doctoral Fellowship and 1994 Feodor Lynen Fellow of the Alexander von Humboldt Foundation, Alexander Vortmeyer, M.D.; Harvard Medical School (currently

1993 - 1995 Professor of Pathology and Director of Neuropathology, Indiana University School of Medicine, Indianapolis, IN)
Post-Doctoral Fellowship, Donald Price, Jr., M.D.; Longwood Area Neurology Program and Harvard Medical School (currently Associate Professor of Neurology, East Carolina University School of Medicine, Greenville, NC)

1996 - 1999 Post-Doctoral Fellowship, Robert J. Barry, Ph.D.; Harvard Medical School (currently Director of Scientific Affairs, Kaneka Nutrients, LP)

2008 – 2010 Post-Doctoral Fellowship, Jianjun Zhou, Ph.D.; University of Missouri (currently Associate Professor of Cancer Biology Research Center for Translational Medicine, Cancer Stem Cell Institute, East Hospital, Tongji University School of Medicine, Shanghai, People’s Republic of China)

c. Medical students and post-graduate medical trainees:

Medical Students (advisees)

2003 - 2004 Medical student advisee, Kyle Bradley; University of Missouri - Columbia (4th Year Medical Student) – NRMP match at Emory University in Pathology (currently Associate Professor of Pathology, Emory University)

2004 - 2006 Medical student advisee, Allison Lisle Cargnel; University of Missouri - Columbia (4th Year Medical Student) – NRMP match at University of Missouri in Pathology (currently Medical Director, Menorah Medical Center, Kansas City, MO)

2005 - 2007 Medical student advisee, Robert Hillard; University of Missouri - Columbia (4th Year Medical Student) – NRMP match at University of Kentucky in Pathology (currently Pathologist, Aurora Diagnostics, St. Louis, MO)

2005 - 2007 Medical student advisee, Justin Kreuter; University of Missouri - Columbia (4th Year Medical Student) – NRMP match at Dartmouth University in Pathology (currently Director of Transfusion Services, and Medical Director of Blood Donor Program, Mayo Clinic, Rochester, MN)

2006 - 2008 Medical student advisee, Jason Pettus; University of Missouri - Columbia (4th Year Medical Student) – NRMP match at Dartmouth University in Pathology (currently Assistant Professor of Pathology and Laboratory Medicine, Dartmouth University, Lebanon, NH)

2006 - 2008 Medical student advisee, Anna C. (Harris) Venneman; University of Missouri - Columbia (4th Year Medical Student) – NRMP match at Harvard Medical School/Beth Israel Deaconess Medical Center in Pathology (currently

	Pathologist, Boyce and Bynum Laboratories, Columbia, MO)
2006 - 2008	Medical student advisee, Jamie Odem; University of Missouri - Columbia (4th Year Medical Student) – NRMP match at University of Missouri in Pathology (currently Pathologist, Mercy Clinic, Springfield, MO)
2007 - 2009	Medical student advisee, Kevin Fisher; University of Missouri - Columbia (MD-PhD Student) – NRMP match at Emory University in Pathology (currently Assistant Professor of Pathology and Immunology, Baylor College of Medicine and Texas Children’s Hospital, Houston, TX)
2008 – 2010	Medical student advisee, Wonshill Koh; University of Missouri – Columbia (MD-PhD Student), NMRP match at North Shore-Long Island Jewish/Hofstra University in Pediatrics (currently Assistant Professor, Pediatric Cardiology, University of Cincinnati, Cincinnati Children’s Hospital, Cincinnati, OH)
2010 – 2012	Medical student advisee, Sarah Hackman; University of Missouri – Columbia (MD Student), NMRP Match at University of Missouri, in Pathology (currently Assistant Professor and Surgical Pathologist, University of Texas Health System, San Antonio, TX)
2008 – 2014	Medical student advisee, Daniel Miller; University of Missouri – Columbia (MD-PhD Student), NMRP Match at Johns Hopkins University in Pathology (currently cytopathology fellow, Johns Hopkins University, Baltimore, MD)

Neuropathology Fellows (2-year clinical and research fellowship in neuropathology)

- Sebastian Alston, M.D. (currently Professor of Pathology, Alabama College of Osteopathic Medicine, Dothan, AL)
- Gregory N. Fuller, M.D., Ph.D. (currently Professor of Pathology and Chief of Neuropathology, M.D. Anderson Cancer Center, University of Texas, Houston, Baylor University, Houston, TX, and Past President of US and Canadian Academy of Pathology, Houston, TX)
- Jacob Vandersteenhoven, M.D., Ph.D. (currently Pathologist, Pathology Associates of Lexington, 2720 Sunset Blvd., West Columbia, SC)
- Thomas Montine, M.D., Ph.D. (currently Stanford Medicine Endowed Professor and Chair, Department of Pathology, Stanford University)
- Natasa Zec, M.D., Ph.D., (currently Anesthesiologist/Neuropathologist, Utica, NY)
- Selina Cortez, M.D., (currently Pathologist, University of Massachusetts Memorial Medical Center, Worcester, MA)
- Dara Nachmanoff, M.D., (currently Neurologist, San Francisco, California)
- Donald Price, Jr., M.D., (currently Associate Professor of Neurology, East Carolina University, Greenville, NC)

- Mel Feany, M.D., Ph.D., (currently Professor of Pathology, Harvard Medical School and Brigham and Women's Hospital, Boston, MA)
- Ady Kendler, M.D., Ph.D., (currently Associate Professor of Pathology, University of Cincinnati, and Director of Neuropathology at UC Health, Cincinnati, OH)
- Alexander Vortmeyer, M.D., Ph.D. (currently Professor of Pathology & Laboratory Medicine and Director of Neuropathology, Indiana University School of Medicine, Indianapolis, IN)
- S. Humayun Gultekin, M.D., (currently Associate Professor of Pathology, Director of Clinical and Molecular Neuropathology, and GME-Program Director, University of Miami Miller School of Medicine and UHealth, Miami, FL)
- Ed Monuki, M.D., Ph.D. (currently Warren L. Bostick Professor and Chair of Pathology, University of California - Irvine, Irvine, CA)
- Matt Anderson, M.D., Ph.D., (currently Associate Professor of Pathology and Neurology, and Director of Neuropathology, Beth Israel Deaconess Hospital, and Harvard Medical School, Boston, MA)
- Margaret McLaughlin, M.D., (currently Director of Oncology Translational Research, Novartis Institutes for BioMedical Research, Cambridge, MA)
- Keith Ligon, M.D., Ph.D., (currently Associate Professor of Pathology and Director of Neuropathology, Harvard Medical School, Brigham and Women's Hospital, and Dana Farber Cancer Institute, Boston, MA)
- Jennifer Chan, M.D., (currently Associate Professor of Pathology, Oncology, and Clinical Neurosciences, and Kids Cancer Care Chair in Pediatric Oncology, and Scientific Director of the Arnie Charbonneau Cancer Institute, University of Calgary, Calgary, Alberta, CA)
- Joe Corbo, M.D., Ph.D., (currently Professor of Pathology and Immunology, Genetics, and Ophthalmology, and Visual Sciences, Washington University, St. Louis)
- Mohammad Mahboob, M.D., (currently Pathologists' Assistant, National Cancer Institute, Center for Cancer Research, National Institutes of Health, Bethesda, MD)
- Keyla Kleyser-Sugrue, M.D., (currently Pathologist, Ameripath, Naples, FL)
- Anne Lee, M.D., Ph.D., (currently Assistant Professor, Rosalind Franklin University Medical School, Chicago, IL)
- Michael Punsoni, M.D., (currently Associate Professor of Pathology, and Director of Neuropathology, Department of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, Nebraska)
- Nelli Lakis, M.D., (currently Clinical Assistant Professor, Department of Pathology and Laboratory Medicine, University of Kansas Medical Center, Kansas City, Kansas, effective July 1, 2017)
- Darren Groh, M.D., (currently Assistant Professor of Pathology, Creighton University School of Medicine, Omaha, Nebraska, effective July 1, 2018)
- Galam Khan, M.D. (currently Pathology Assistant, Georgetown University, Washington, DC)
- Renee Stonebridge, M.D. (Medical Examiner, Office of the Chief Medical Examiner, Boston, MA)

Colin Kanach, M.D. (currently Pathologist, St. Luke's University Health Network,
Allentown, PA)
Teddi Tubre, M.D. (in training, Warren Alpert Medical School of Brown University,
Neuropathology Fellowship, Providence, RI)
Michael Kritselis, M.D. (in training, Warren Alpert Medical School of Brown University,
Neuropathology Fellowship, Providence, RI)

Clinical courses and hospital-based programs

1987 - 1992	Pathology Housestaff training, Diagnostic Neuropathology and Peripheral Nerve Biopsies, Duke University Medical Center, Rotations, clinical conferences, and lectures
1988 - 1992	Neurology and Neurosurgery Housestaff training, Duke University Medical Center, Rotations, clinical conferences, and lectures
1992 - 2001	Pathology Housestaff training, Diagnostic Neuropathology, Children's Hospital, Brigham and Women's Hospital, and New England Deaconess Hospital, Boston, MA; Rotations, clinical conferences, and lectures
1992- 2001	Neurology Housestaff training, Children's Hospital, Boston, MA; Rotations, clinical conferences, and lectures
1992- 2001	Neurosurgery Housestaff training, Children's Hospital and Brigham and Women's Hospital Combined Residency Program, Boston, MA; Rotations, clinical conferences, and lectures
1992- 2001	Oncology Housestaff training, Dana-Farber Cancer Institute, Boston, MA; Clinical conferences, and lectures
1993- 2001	Ophthalmology Housestaff training, Children's Hospital, Boston, MA; Clinical conferences and lectures.
2002- 2012	Pathology Housestaff training, University of Missouri, Clinical rotations, research electives, clinical conferences, and lectures
2005- 2012	Ophthalmology Housestaff training, University of Missouri, Clinical conferences and lectures
2006- 2012	Neurology/Neurosurgery Housestaff training, University of Missouri, Neuropathology rotations, neuroanatomy laboratories, clinical conferences, and lectures
2007- 2012	Psychiatry Housestaff training, University of Missouri, Lectures, neuroanatomy laboratories.
2012 – present	Pathology Housestaff training, Brown University, Clinical rotations, electives, clinical conferences, and lectures
2012 – present	Neurology and Neurosurgery Housestaff training, Brown University, Clinical rotations and clinical conferences

Educational leadership roles

1989 - 1992	Coordinator for Continuing Medical Education in Neuropathology, Duke University Medical Center, Durham, NC
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Planning topics for CME conferences (50-70 residents, rotating students, and senior staff from Pathology, Neurology, and Neurosurgery, 50 conferences/year), maintaining records of educational objectives and attendance, and providing CME records and accreditation.

- 1992 - 2001 Neuropathology Training Program, Brigham and Women's Hospital and Children's Hospital, Boston, MA
Coordinating and scheduling activities of the Neuropathology Training Program between three Harvard-affiliated hospitals (Brigham and Women's, Children's, New England Deaconess), arranging appointments and orientation of affiliating residents to the Children's Hospital, and providing ongoing bidirectional evaluation of the training of residents and fellows in the Neuropathology Program at Children's Hospital.
- 1992- 2001 Neurology Program of the Children's Hospital, Boston, MA
Coordinating the teaching activities of the Neuropathology Program with the educational goals of the Neurology Program of Children's Hospital, including scheduling of Pediatric Neurology/Pathology Conferences, Pediatric Neuromuscular Pathology Conference series, Neuropathology Rotations for Neurology residents at the Children's Hospital, and coordination of Continuing Medical Education accreditation for the Children's Hospital Neuropathology conferences.
- 1992 - 2001 Neurosurgery and Neuro-Oncology Programs of the Children's Hospital and Dana Farber Cancer Institute, Boston, MA
Coordinating the teaching activities of the Neuropathology Program with the Neurosurgery Program of Children's Hospital and the Oncology and Radiation Therapy Programs of Children's Hospital and Dana Farber Cancer Institute, including neuropathology participation in the Brain Tumor Working Group conferences, Neuropathology presentations in the Neuroradiology/Neuro-Oncology weekly conferences, and Neuropathology participation in the Dana Farber Tumor Board conferences.
- 1993 - 2001 Ophthalmology Pathology Program of the Children's Hospital, Boston
Coordinating the teaching activities of the Pathology Department with the Ophthalmology Program at the Children's Hospital, including planning of monthly conferences and determining educational goals of Ophthalmic Pathology conferences.
- 2012 – present Pathology Residency Program, Brown University, Providence, RI

Assisting in the coordination and scheduling of activities of the Residency Training Program and providing ongoing evaluation of the training of residents in Pathology at Brown University and serving on the Steering Committee for the Brown Pathology Residency Program

2012 – present Neuropathology Fellowship Program, Brown University, Providence, RI
Assisting in the coordination and scheduling of activities of the Neuropathology Fellowship Training Program, arranging appointments and orientation of fellows, and providing ongoing bidirectional evaluation of the training of fellows in the Neuropathology Fellowship Program.

Residency Program Reporting (abstracts with residents and fellows in Brown GME Programs)

1. Odum BR, Wen F, Anthony DC. Systemic hemangiomas associated with renal papillary adenomas, renal cortical cysts, and coronary artery aneurysm: an unusual manifestation of cerebral cavernous malformation? USCAP March 2013, Baltimore, MD.
2. Lakis N, Brodsky A, Smith T, Yang D, Wong I, Anthony DC. A subset of cells in glioblastoma multiforme express multiple stem cell markers. J Neuropathol Exp Neurol 2016;75:582.
3. Nix JS, Gardner JM, Gokden M, Moore B, Rodriguez F, Martinez-Lage Alvarez M, D'Almeida Costa F, Anthony DC. Neuropathology in social media. J Neuropathol Exp Neurol 2017;76:527.
4. He X, Anthony DC, Cao W. Pulmonary tumor embolism: comparison of clinical diagnoses and autopsy findings in a retrospective study over a 29-year period. Modern Pathol 2019; #327.
5. Kanach CJ, James B, Anthony DC, Treaba DO. Primary CNS diffuse large B-cell lymphoma associated with a demyelinating lesion: a case study. J Neuropathol Exp Neurol 2020;79:675.
6. Lulla RR, Pelton K, Anthony DC, Touat M, Ligon KL. Dramatic response to crizotinib monotherapy in an infant with GOPC-ROS1 fused congenital hemispheric glioma. International Symposium on Pediatric Neuro-Oncology, 2020 (accepted/published; meeting delayed from June to December, 2020).