### A person wearing glasses and a suit  Description automatically generated with medium confidenceClifton L. Gooch, MD, FANA, FAAN

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### Professor & Chair of Neurology

### Associate Dean of Clinical Research

### TGH Endowed Chair in Neurology

### University of South Florida Morsani College of Medicine

### Vice President, Clinical & Translational Research

### Chief, TGH Neuroscience Institute

 Tampa General Hospital

**PROFESSIONAL PROFILE** 04-19-2023

National leader in neurology and medicine, with extensive experience and great success in building and managing top research, clinical and educational enterprises. Experience includes service as president, officer and board member for leading national neurological and medical organizations, and as vice president, associate dean, department chair, institute chief, center director, laboratory director, division chief, residency director, and fellowship program director for major universities and hospitals, including the University of South Florida, Tampa General Hospital, Columbia University, New York Presbyterian Hospital, Baylor College of Medicine. Major interests include medical executive leadership, the creation and management of new enterprises, national organization leadership and board governance, and the research and development of new therapies for the most serious of neurological diseases.

**CONTACT INFORMATION**

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Tampa, Florida, 33612-4799

USF Neurology <http://health.usf.edu/medicine/neurology/index.htm>

LinkedIn<https://www.linkedin.com/in/clifton-gooch-1363b286/>

**MEDICAL LICENSURE Number Status**

Florida State of Florida, Department of Health # ME101446 Active

Texas  Texas State Board of Medical Examiners # H5773 Active

New York New York State Education Department # 213602 Inactive

#### BOARD CERTIFICATIONS Certificate

#### Neurology *American Board of Psychiatry and Neurology (ABPN)* #4077

#### Neuromuscular Medicine *Neuromuscular Medicine (ABPN)* #235

Electromyography *American Board of Electrodiagnostic Medicine*  #1979

**Education Degree/Certificate**

**Fellowship** **Duke University Medical Center** Neuromuscular Disease and Electromyography

1992-1993 Durham, North Carolina

**Residency Baylor College of Medicine** Neurology

1989-1992 Houston, Texas - Most Outstanding Resident Award

**Internship Baylor College of Medicine** Internal Medicine

1988-1989 Houston, Texas

**Med School Baylor College of Medicine** Doctor of Medicine

1984 -1988 Houston, Texas

**Undergrad Transylvania University** Bachelor of Arts

1980-1984Lexington, Kentucky - National Merit Scholar

 - #1 in Graduating Class (Valedictorian)

 - Double Major: Biology, English (British Literature)

**MAJOR UNIVERSITY POSITIONS AND APPOINTMENTS Location - Dates**

**UNIVERSITY OF SOUTH FLORIDA Tampa, FL**

[**Chair, Department of Neurology**](http://health.usf.edu/medicine/neurology/index.htm) 2008 to present

**Associate Dean of Clinical Research** 2022 to present

TGH Endowed Chair in Neurology

Professor of Neurology (with tenure)

**Directorships, Boards and Chairs**

Chair (two terms) Financial Oversite Cmte, College of Medicine 2020 to present

Executive Leadership Council USF Neuroscience Institute 2019 to present

Founding Task Force USF Neuroscience Institute 2017 to present

Clinical Leadership Board USF HealthCare 2017 to 2021

[Founder and Director USF Neuroscience Collaborative](http://health.usf.edu/usfnsc/index.htm) 2010 to 2017

Board of Directors USF Faculty Practice Group 2008 to 2017

Board of Governance USF Office of Clinical Research 2010 to 2014

Chair USF Red Ribbon Panel: Industry Relationships 2014 to 2015

Chair USF Clinical Research Reorganization Cmte. 2012 to 2014

Chair, Scientific Advisory Board USF Byrd Alzheimer’s Institute 2009 to 2014

Chair USF Hospital Strategy Task Force 2012 to 2013

Founder & Director USF ALS Center 2008 to 2010

Chief Medical Officer USF Byrd Alzheimer Institute (Interim) 2008 to 2009

**Major Committees**

Joint Affiliation Council USF Health & Tampa Gen. Hospital 2022 to present

CFO Search USF Health 2022

Presidential Search USFTG Practice Group 2021 to 2022

USF System Strategic Plan University of South Florida 2021 to 2022

Research Strategic Plan USF Morsani College of Medicine 2020 to 2022

Marketing & Communications USF & TGH Practice Group Merger 2018 to 2019

Dean’s Executive APT Advisory USF Health 2018 to 2020

APT Restructure Task Force USF Morsani College of Medicine 2016 to 2017

Finance Committee USF Faculty Practice Group 2012 to 2016

Financial Oversight (Terms 1&2) USF Morsani College of Medicine 2008 to 2016

Executive Leadership USF Byrd Alzheimer Institute 2008 to 2013

Research Executive USF College of Medicine 2009 to 2012

Founding Task Force USF Byrd Alzheimer’s Institute 2008 to 2012

**COLUMBIA UNIVERSITY New York, NY**

**Professor and Director Columbia Neuropathy Research Center** 2004 to 2008

**Director Division of Neuromuscular Physiology** 1999 to 2008

**Boards, Chairs & Committees**

[Board of Directors Columbia Medical Associates 2000 to 2003](http://www.columbiadoctors.org/patient-care/midtown)

Investigator Motor Neuron Disease Center 2004 to 2008

Revenue Enhancement Cmte. Columbia College of Physicians & Surgeons 2005 to 2007

Financial Oversight Committee Columbia College of Physicians & Surgeons 2003 to 2005

Chair, Strategic Plan Execution Columbia Dept. of Neurology 2003 to 2004

Chair, Fiscal Planning Cmte. Columbia Dept. of Neurology 2002 to 2003

**BAYLOR COLLEGE OF MEDICINE Houston, TX**

**Assistant Professor** 1993 to 1999

**Director, Neurology Residency Program** 1995 to 1999

**Director, Neurology CME Program** 1995 to 1999

**MAJOR HOSPITAL POSITIONS Location - Dates**

**TAMPA GENERAL HOSPITAL Tampa, FL**

**Vice President Clinical and Translational Research** 2020 to present

**Chief TGH Neuroscience Institute, Neurology** 2022 to present

Medical Director TGH Neuroscience Service Line 2019 to 2022

Founding Task Force TGH Neuroscience Service Line 2018 to 2019

Executive Committee TGH Neurosciences 2008 to 2017

**NEW YORK PRESBYTERIAN HOSPITAL New York, NY**

**Director, Electromyography Laboratory** 1999 to 2008

**MICHAEL E. DEBAKEY VETERAN’S AFFAIRS MEDICAL CENTER Houston, TX**

**Director, Neuromuscular Physiology & Neurology EMG Laboratory** 1993-1999

**Professional OrganizaTions Dates**

**Association of University Professors of Neurology (AUPN)**

**Past President** 2022 to 2024

**President** 2020 to 2022

**President Elect** 2018 to 2020

**Executive Council (Board of Directors equivalent) -** Two Terms 2014 to present

Chair, Digital and Media Task Force 2017 to present

Department Chair Member 2008 to present

Program Director Member 1994 to 1999

**American Neurological Association (ANA)**

**[Treasurer -](http://www.aanem.org/Home.aspx)** [Two Terms](http://www.aanem.org/Home.aspx)[2018 to 2022](http://www.aanem.org/Home.aspx)

**[Board of Directors](http://www.aanem.org/Home.aspx)**  [2015 to 2017](http://www.aanem.org/Home.aspx)

Finance Committee (founding) 2022 to present

Board Liaison – Digital & Media Task Force 2017 to 2022

Board Liaison - Public Policy Committee 2015 to 2021

Chair, Investment Committee 2018 to present

Chair, Public Policy Committee 2013 to 2015

Strategic Planning Task Force 2012

Fellow Member (Induction by Invitation) 2004 to present

**National ALS Association**

**Board of Trustees** 2019 to 2021

Executive Committee 2020 to 2021

Chair, Audit Committee 2020 to 2021

Board Liaison – Research Committee 2019 to 2021

Board Liaison - Public Policy & Advocacy Committee 2019 to 2020

Board Liaison – ALS FOCUS (National ALS Patient Needs Survey & Task Force) 2019 to 2020

**American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM)**

[**Board of Directors**](https://www.aanem.org/Home.aspx) 2006 to 2009

Chair, Awards Committee 2013 to 2016

Chair, Marketing and Public Relations Committee 2002 to 2006

Chair, Motor Unit Number Estimation Practice Issues and Research Panel 2004 to 2014

Chair, National Training Program Committee 1999 to 2002

Chair, Single Fiber EMG Special Interest Group 1999 to 2002

Chair, Motor Unit Physiology Special Interest Group 1996 to 1999

Fellow Member 1996 to present

Member 1992 to 1996

**American Association of Medical Colleges (AAMC)**

Delegate (USF), AAMC Council of Faculty and Academic Societies 2011 to present

**American Academy of Neurology (AAN)**

Neuroscience Service Lines: AAN White Paper Work Group 2019 to present

Neuroscience is Critical Research Advocacy Task Force 2017 to 2020

Course Director, Annual Meeting Neuromuscular Therapeutics 2011 to 2015

Course Faculty, Annual Meeting Advanced Electromyography 2007 to 2013

Co-Chair, Scientific Platform Session Acquired Neuropathies 2007

Abstract Reviewer, Annual Meeting Neuropathy 2007

Fellow Member 2008 to present

Member 1990 to 2008

**United Council of Neurological Subspecialties (UCNS)**

National Accreditation Organization for Neurology Subspecialty Board Certification

Delegate, Accreditation Council 2012 to 2014

**American Board of Electrodiagnostic Medicine**

Oral Board Examiner 1999 to 2009

Fellow 1996 to present

**Texas Neurological Society**

**Vice President**  1998 to 1999

**EDITORIAL POSITIONS Dates**

**Neurology**

Journal of the American Academy of Neurology (Most Widely Read and Highly Cited Journal in Neurology)

**Editorial Board Member**  2006 to 2020

**Journal of Clinical Neuromuscular Disease**

**Editorial Board Member** 2004 to 2018

**Positive Waves**

National Newsletter of the AANEM (see above, Professional Organizations)

**Senior Editor** 2003 to 2006

**Journal of Immunotherapy**

**Editor** 2002 to 2006

**JOURNAL AND GRANT REVIEW PANELS**

American Brain Foundation

Archives of Physical Medicine and Rehabilitation

Cochrane Database Reviews

Clinical Neurophysiology

Epilepsia

JAMA Neurology (formerly Archives of Neurology)

Journal of Clinical Neuromuscular Disease

Journal of Clinical Neurophysiology

Muscle and Nerve

National Research Council (Institute of Medicine, IOM)

Natural Sciences and Research Engineering Council of Canada (NSREC)

Neurology (Journal of the American Academy of Neurology)

Stroke

**FOUNDATION and INDUSTRY ADVISORY BOARDS Dates**

**PTC Therapeutics** 2022 to present

Chair, Data Safety Monitoring Board: ALS

**Prevail Therapeutics**

Clinical Trial Safety Monitoring: Neuromuscular AEs 2019 to 2020

**Mitsubishi-Tanaka Pharmaceuticals, America**

Consultant on ALS Clinical Trial Design 2017 to 2020

**CSL Behring**

Neurology Advisory Board: Immunomodulatory Therapy 2013 to 2018

**American Brain Foundation** 2017 to 2018

Scientific Grant Review Panel

**NeuralStem**

Consultant on Regenerative Therapies in Neurodegenerative Disease 2009 to 2015

Data Safety and Monitoring Board: Human Stem Cell Therapy for ALS 2010 to 2015

**Center for International Blood and Marrow Transplantation Research** 2017

National Stem Cell Research Registry Task Force

**GBS/CIDP Foundation International**

Medical Advisory Board 2009 to 2014

**Baxter Pharmaceuticals of North America**

Chair, Committee on Multifocal Motor Neuropathy Clinical Trial Development 2006 to 2008

Trial Designer for IVIG therapy in Multifocal Motor Neuropathy (FDA Approval secured) 2006 to 2008

Consultant, Biological Therapies for Neuromuscular Disease 2012 to 2014

**Myasthenia Gravis Foundation of America**

National Medical and Scientific Advisory Board 2001 to 2008

Medical Advisory Board, New York State Chapter, MGFA 2002 to 2008

**STATE and FEDERAL GOVERNMENT ADVISORY AND REVIEW PANELS Dates**

**Food and Drug Administration (FDA)** 2012 to 2016

Peripheral and Central Nervous System Drug Approval Advisory Panel

**National Institutes of Health (NIH)**

Chair, Data Safety Monitoring Board, IVIG in Autonomic Neuropathy 2011 to 2015

**U.S. Department of Energy and Commerce: 21st Century Cures Act** 2014, Aug 22

Congressional Roundtable Invited Expert: FDA Drug Approval Process

**State of Texas University System: UT Medical Branch**

Chair, Dean’s External Review Committee (Neurology) 2008

**DIGITAL AND MASS MEDIA (Selected) Recent to Oldest**

1. Gooch CL and Jackson C: Academy President, Neurology Chair and beyond (Podcast). *AUPN’s Leading Edge.* Association of University Professors of Neurology. Feb. 2023. <https://podcasts.apple.com/us/podcast/neurology-chair-academy-president-beyond/id1526866851?i=1000600014259>
2. Gooch CL and Sobieray R: What your CEO wants from you (Podcast). *AUPN’s Leading Edge.* Association of University Professors of Neurology. Jan. 2022. <https://podcasts.apple.com/us/podcast/what-your-ceo-wants-from-you/id1526866851?i=1000547807496>
3. Dan Hurley (Print Interview with Gooch CL: 20 years later: The pressures and opportunities facing academic neurology. *Neurology Today*, Official Newsletter of the American Academy of Neurology. 11-4-21. [https://journals.lww.com/neurotodayonline/Fulltext/2021/11040/20\_Years\_Later,\_The\_Pressures\_and\_Opportunities.5.aspx](https://journals.lww.com/neurotodayonline/Fulltext/2021/11040/20_Years_Later%2C_The_Pressures_and_Opportunities.5.aspx)
4. Gooch CL: What we know about the COVID vaccines (Podcast). *ConnectingALS*, Official Podcast of the ALS Association. 12-7-20.

<https://www.connectingals.org/episodes/exploring-what-we-know-about-the-covid-19-vaccines>

1. Gooch CL: When the body gets better, but the brain does not: The COVID Long-Haulers (Newspaper Editorial). *Tampa Bay Times.* 11-18-20.

<https://www.tampabay.com/opinion/2020/11/18/the-covid-long-haulers-when-the-body-gets-better-but-the-brain-does-not-column/>

1. Gooch CL: What we know about COVID-19 and the brain. (TV News Interview). WFTS Channel 17, Tampa FL: *ABC’s Morning Blend.* 11-10-20 air date.

<https://www.abcactionnews.com/morning-blend/tampa-general-hospital-what-we-have-learned-about-covid-19>

1. Gooch CL: Can COVID-19 affect your brain? (TV News Interview). WTSP Channel 10, Tampa FL: *CBS Evening News.* 10-29-2020 air date*.*

<https://www.wtsp.com/article/news/health/coronavirus/doctors-say-covid-19-has-possible-affects-on-the-brain/67-42467593-66bb-40ab-80da-e770abf2176a>

1. Gooch CL and Lockwood CJ: So you want to be a Dean? Pros, Cons, Joys and Tribulations. (Podcast) *AUPN’s Leading Edge.* Association of University Professors of Neurology. Sept. 2020.

<https://podcasts.apple.com/us/podcast/aupns-leading-edge/id1526866851>

1. Gooch CL and McArthur J: The Way Out: How can departments bounce back from COVID-19? (Podcast) ANA/AUPN Special Episode on *ANA Investigates*. American Neurological Association & Association of University Professors of Neurology. May 2020.

<https://www.wfla.com/bloom/coronavirus-and-patients-delaying-medical-care-for-stroke-and-heart-attack/>

1. Gooch CL: Don’t let fear of coronavirus kill you: Get help for medical emergencies (TV news interview). WFLA Channel 8, Tampa FL: *Bloom, with Carissa Galloway*. 5-6-2020 air date.

<https://www.wfla.com/bloom/coronavirus-and-patients-delaying-medical-care-for-stroke-and-heart-attack/>

1. Gooch CL, Rose DZ and Burgin WS: Having a Stroke? An emergency still means call 911, even in the age of coronavirus (Newspaper Editorial). Tampa Bay Times, 4-8-2020. <https://www.tampabay.com/opinion/2020/04/07/having-a-stroke-an-emergency-means-call-911-even-in-the-age-of-coronavirus-column/>
2. Gooch CL (Interviewer and Commentator). Intellectual property, academic medicine and you (Podcast). *ANA Investigates.* American Neurological Association. Premiered Feb 2020. <https://hwcdn.libsyn.com/p/d/c/8/dc8f9b8c86868e35/Ep6_Intellectual_Property_Academic_Medicine_and_You.mp3?c_id=65079734&cs_id=65079734&expiration=1582830883&hwt=04fa79526f71a093c110ee4d1417432b>
3. Gooch CL. The end of the beginning: Gene therapy finally comes of age (Invited Editorial). *Research Matters Newsletter*. USF Health, August 2019. <https://hscweb3.hsc.usf.edu/blog/2019/07/22/the-end-of-the-beginning-gene-therapy-finally-comes-of-age/>
4. Caitlyn, Johannes (Director): A Life Remembered (Alzheimer’s documentary, with Dr. Clifton Gooch). USF Film Program. December 2018, Tampa FL. <https://vimeo.com/306608987>
5. Gooch CL. What it takes to find a cure (FARA Symposium Speech, Video Summary). 10th Annual USF FARA Scientific and Patient Symposium. September 2018, Tampa, FL <https://hscweb3.hsc.usf.edu/blog/2018/10/15/fara-usf-scientific-symposium-marks-10th-year-advances-toward-treatment/>
6. Gooch CL. The financial burden of neurological disease in the United States (Video Interview). *10News WTSP*, Tampa FL. November 1, 2017 air date. <https://www.youtube.com/watch?v=VLp4GGHL1-4>
7. Editors, Huffington Post. Neurological diseases cost the U.S. $800 billion dollars per year (Print News Article on Published Research, with Dr. Clifton Gooch interview). *Huffington Post.* March 31, 2017. <https://www.huffpost.com/entry/neurological-diseases-healthcare-cost_n_58dd3701e4b0e6ac709308cf>
8. Gooch CL. Therapeutics in ALS (Neurology Video Journal). *Practical Neurology*. April 2014, Philadelphia PA. <https://practicalneurology.com/videos/therapeutics-in-als>
9. Gooch CL and Welt, Gary. Promise and Challenges in ALS (Radio Interview with Dr. Clifton Gooch & Navy Seal Gary (Doc) Welt & Alisa Cavallo Gutierrez ). *Tampa Bay Today* with Corey Dylan, WFLA. May 13, 2013. Tampa FL <https://www.youtube.com/watch?v=cqT3T1nnDzw>

**SPONSORED RESEARCH**

**UNIVERSITY OF SOUTH FLORIDA**

1. **Effects of respiratory muscle strength training in patients with ALS**

Date: 2015-2017

Project Type: Clinical Trial

Sponsor: NIH (R21HD075327; Co-I)

Total Budget: $396,191

1. **Effects of CY 4031 on skeletal muscle function and fatigabilty in patients with ALS**

Date: 2015-2017

Project Type: Clinical Trial

Sponsor: Cytokinetics

Total Budget: $179,301

1. **Effects of Strength Training on Bulbar Function in Persons with Amyotrophic Lateral Sclerosis**

Date: 2013-2016

Project Type: Clinical Trial

Sponsor: NIH National Institute of Child Health Development: 1R21 (HDO75327; Co-I)

1. **High dose Granulocyte Colony Stimulating Factor (G-CSF) in the treatment of ALS**

Date: 2011-2014

Project Type: Clinical Trial

Sponsor: USF Foundation

Total Budget: $219,948

5. **High Dose Intravenous Immunoglobulin (IVIG) in the Treatment of Friedreich’s Ataxia**

Date: 2011-2014

Project Type: Clinical Trial

Sponsor: Baxter Pharmaceuticals and the USF Foundation

Total Budget: $100,573

6. **Motor Unit Number Estimation: Comprehensive comparative analysis of MUNE Methods**

Date: 2004-2014

Project Type: Technology Assessment

Sponsor: American Association of Neuromuscular and Electrodiagnostic Medicine

Total Budget: $10,000

7. **Longitudinal Assessment of Gait and Balance in Friedreich’s Ataxia**

Date: 2012-2014

Project Type: Natural History Study

Sponsor: Friedreich’s Ataxia Research Alliance and the USF Foundation

Total Budget: $100,573

**8. Efficacy of dexpramipexole in ALS**

Date: 2011-2012

Project Type: Clinical Trial

Sponsor: Knopp Pharmaceuticals

Total Budget: $439,000

**COLUMBIA UNIVERSITY**

1. **Vascular Endothelial Growth Factor (VEGF) plasmid vector gene therapy for diabetic polyneuropathy**

Date: 2005-2007

Project Type: Clinical Trial

Sponsor: NIH (PO1 HL66957-01A1; Co-I)

Total Budget: $921,971

1. **Diagnostic and natural history markers in amyotrophic lateral sclerosis (ALS)**

Date: 2001-2005

Project Type: Natural History and Diagnosis Study

Sponsor: NIH (NS41672-01, MDA and Wings Over Wall Street; Co-I)

Total Budget: $2,023,213

1. **Therapeutic efficacy of OGT in Neimann Pick Disease**

Date: 2002-2004

Project Type: Clinical trial

Sponsor: Oxford GlycoSciences

Total Budget: $586,186

1. **Dichloroacetate (DCA) treatment trial for Mitochondrial encephalopathy with lactic acidosis and stroke-like syndrome (MELAS)**

Date: 1999-2004

Project Type: Clinical trial

Sponsor: NIH (PO1-HD32062, RR-00645, RR-00082, and RR017648; Co-I)

Total Budget: $1,225,552

1. **Attempted neuroprotection from taxol toxicity through glutamine co-administration**

Date: 1997-2001

Project Type: Clinical Trial

Sponsors: Amgen and Bristol Meyers Squibb Pharmaceuticals

Total Budget: $325,000

1. **Prospective cohort study of spinal muscular atrophy types 2 and 3**

Date: 2004-2008

Project Type: Natural History Study

Sponsors: NIH (UL1 RR024156 and SMA Foundation; Co-I)

1. **Receptor for Advanced Glycolsylation End Products (RAGE) in Nerve Regeneration**

Date: 2002-2006

Project Type: Basic Science Investigation

Sponsors: U.S. Public Health Service; Surgical Research Fund of Columbia University

**BAYLOR COLLEGE OF MEDICINE**

1. **SR576646A (xaliproden) in patients with ALS: Efficacy, safety and tolerability**

Date: 1997-2000

Project Type: Clinical Trial

Sponsor: Sanofi Pharmaceuticals

Total Budget: $300,000

1. **Efficacy of SR57746A (xaliproden) in patients with ALS receiving standard therapy with riluzole**

Date: 1997-2000

Project Type: Clinical Trial

Sponsor: Sanofi Pharmaceuticals

Total Budget: $300,000

1. **A double-blind, randomized trial of tramadol for treatment of the pain of diabetic neuropathy**

Date: 1995-1998

Project Type: Clinical Trial

Sponsor: Ortho McNeil Pharmaceuticals

Total Budget: $210,000

1. **Zopolrestat for the treatment of diabetic neuropathy**

Date: 1994-1996

Project Type: Clinical Trial

Sponsor: Pfizer Pharmaceuticals

Total Budget: $150,000

1. **Acetyl-L Carnitine (ALCAR) for the treatment of diabetic neuropathy**

Date: 1993-1995

Project Type: Clinical Trial

Sponsor: Roche Pharmaceuticals

Total Budget: $320,000

1. **Dose-ranging study of riluzole in amyotrophic lateral sclerosis**

Date: 1993-1995

Project Type: Clinical Trial

Sponsor: Rhone Poulenc Rorer Pharmaceuticals

**JOURNAL ARTICLES** **(Peer Reviewed)** **Recent to Oldest**

1. Suresh N, Stephens H, Gooch C: Combined Lambert-Eaton Myasthenic Syndrome and Subacute Cerebellar Degeneration: A meta-analysis and comprehensive review of the literature. 2023. In Preparation.
2. Plowman E, Tabor-Grey L, Chapin J, Anderson A, Vasilopoulos T, Wymer J, Gooch C, Vu T and Wymer JP: Respiratory Strength Training in ALS: A double-blind, randomized, multicenter, sham-controlled trial. Neurology 2023. DOI: https://doi.org/10.1212/WNL.0000000000206830
3. Kingsbury C, Ghanekar S, Huang Y, Ashizawa T, Kuo SH, Gooch C, Zesiewicz T: Therapies, research funding and racial diversity in cerebellar ataxia: A systematic review of the literature. Movement Disorders Clinical Practice. DOI: 10.1002/mdc3. 13492. In press.
4. Zesiewicz T, Vega J, Gooch C, Ghanekar S, Huang Y, Bezchlibnyk Y, Staffetti J, Kingsbury C: Therapies, research funding, and racial diversity in essential tremor: A systematic review of the literature. Movement Disorders Clinical Practice 2022;9:728-734. <https://doi.org/10.1002/mdc3.13492>
5. Vu T, Anthony N, Alsina R, Harvey B, Schleutker A, Farias J, Dang S, Suresh N, Gooch C: Impact of subcutaneous immunoglobulin on quality of life in patients with chronic inflammatory demyelinating polyneuropathy previously treated with intravenous immunoglobulin. Muscle Nerve 2021; 64:351-57.
6. Berry J, Brooks B, Genge A, Heiman-Patterson T, Appel S, Benatar M, Bowser R, Cudkowicz M, Gooch C, Shefner J, Westra J, Agnese W, Merrill C, Nelson S, and Apple S: Radicava/Edaravone Findings in Biomarkers From ALS (REFINE ALS): Protocol and Study Design. Neurology: Clinical Practice 2021;11:4.
7. Vu T, Suresh N, Gooch C: A Comparison of the Effect of Subcutaneous Versus Intravenous Immunoglobulin Therapy on Quality of Life in Patients with Chronic Inflammatory Demyelinating Polyneuropathy. Muscle Nerve 2021; 64:351-7.

1. Labovitz A, Rose D, Fradley M, Meriwether J, Renatie S, Martin R, Kasprowicz R, Murtagh R, Kip K, Beckie T, Stoddard M, Bozeman A, McTigue T, Kirby B, Tran N, Burgin WS, Gooch C, et al. (the AREST Investigators): Early Apixiban use following stroke in patients with atrial fibrillation. Stroke. 2021;52:1164-1171.
2. Vu T, Harvey B, Suresh N, Farias J, Gooch C: Eculizumab during pregnancy in a patient with treatment-refractory myasthenia gravis: A case report. Case Rep Neurol 2021;13:65-71.
3. Rivner MH, Quarels BM, Pan JJ, Zheng Y, Howard JF, Corse A, Dimachkie M, Jackson C, Vu T, Small G, Lisak RP, Belsh J, Lee I, Nowak R, Baute V, Scelsa S, Americo-Fernandez J, Simmons Z, Swenson A, Barohn R, Sanka RB, Gooch C, Ubogu E, Caress J, Pasnoor M, Xu H, Mei L, on behalf of the LRP4 Research Group: The Clinical Features of LRP4/Agrin Positive Myasthenia Gravis: A multi-center study. Muscle Nerve 2020: 62:333-334.
4. Pocock K, Suresh N, Suradi Y, Dang S, Harvey B, Chuanhai C, Sutherland K, Lin X, Vu T, Gooch C: An open-label, prospective study evaluating the clinical and immunological effects of higher dose granulocyte colony stimulating factor (G-CSF) in ALS. Journal of Clinical Neuromuscular Disease 2020; 21:127-134.
5. Lacomis D and Gooch C: Getting it right the first time: Upper motor neuron assessment and early diagnosis in ALS. Neurology 2019; 92:255-256.
6. Plowman EK, Tabor L, Vasolopolis T, Rosado M, Gaziano J, Robison R, Vu T, Gooch C***:*** Impact of expiratory strength training in amyotrophic lateral sclerosis: Results of a randomized sham-controlled trial. Muscle Nerve 2019; 59:40-46.
7. Zesiewicz T, Salemi JL, Perman S, Sullivan K, Shaw J, Huang Y, Isaacs C, Gooch C, Lynch D, Klein M. Double-blind, randomized and controlled trial of EPI-743 in Friedreich’s ataxia. Neurodegenerative Dis Management 2018; 8:233-242.
8. Gooch C: Building a better MUNIX: New and improved, but does it hit the mark? Invited editorial. Muscle Nerve 2018;58: 330-331.
9. Gooch C. How Can We Pay the Piper? IBM and the High Price of a Longer Life. Muscle Nerve 2017;56:837-838.
10. De Carvalho M, Gooch C. The Yin and Yang of gastrostomy in the management of ALS: Friend or Foe? Neurology 2017; 89:1435–1436.
11. Gooch C. The state of academic neurology departments in the United States, 2016: A national survey. Neurology, 2017;89:524-52.
12. Gooch C. The canaries in the coal mine: MUNE and MUNIX in ALS. Muscle Nerve. 2017;56:183-184.
13. Gooch C and Weimer L. In Memoriam: Lewis “Bud” Rowland, M.D. Muscle Nerve, 2017;55:780-78.
14. Gooch C, Pracht E, Borenstein A: The burden of neurological disease in the United States: A summary report and a call to action. Annals of Neurology, 2017;81: 479-484.
15. Zesiewicz TA, Kim SH, Sullivan KL, Stephenson J, Jahan I, Perlman SL, Shaw JD, Gooch C. Longitudinal gait and balance decline in Friedreich's Ataxia: A pilot study. Gait and Posture, 2017; 55:25-30.
16. Eve DJ, Ehrhart J, Zesiewicz T, Jahan I, Kuzmin-Nichols K, Sanberg CD, Gooch C, Sanberg P, Garbuzova-Davis S: Plasma  Derived  from  Human  Umbilical  Cord  Blood  Modulates  Mitogen-Induced Proliferation  of  Mononuclear  Cells  Isolated  from  the  Peripheral  Blood  of  ALS  Patients. J of Cell Transplantation. 2016;25:963-971.
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88. Gooch C, Rumpf A, Kamin M and the Tramadol Study Group. Maintenance of the long-term effectiveness of tramadol hydrochloride in the treatment of the pain of diabetic neuropathy. American Pain Society, San Diego, 1998.
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91. Smith RG, Gooch CL, Werch JB, Mosier DR, Appel SH, Armstrong RA, Killian JM: Effect of plasmapheresis and IVIG in sporadic ALS patients with neuromuscular fatigue. Neurology 1998; 50 (s4): A416.
92. Harati Y, Gooch CL, Swenson M, et al.: A double-blind, randomized trial of tramadol for the pain of diabetic peripheral neuropathy. J Peripheral Nervous System 1997; 2: 270.
93. Gooch CL: Repetitive nerve stimulation of the same single motor unit: Longitudinal tracking studies. Muscle and Nerve 1997;20: 1085.
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95. Harati Y, Gooch CL, Swenson, M, et al: The efficacy of tramadol hydrochloride in painful diabetic neuropathy. 4th International Symposium on Diabetic Neuropathy. Leeuwenhorst, Noordwijkerhout, The Netherlands; July 1997.
96. Harati Y, Gooch CL, Swenson M, et al.: A double-blind placebo-controlled trial of tramadol for the pain of diabetic peripheral neuropathy. Journal of the Peripheral Nervous System. 1997; 2: 270.
97. Gooch CL and Harati Y: Longitudinal tracking of the same single motor unit in amyotrophic lateral sclerosis. Muscle and Nerve. 1996;19: 1210.
98. Taher-Shaibani A, Pleitez M, Gooch CL, Harati Y: Moving Toes and myoclonus associated with tomaculous neuropathy. Peripheral Nerve Society. Antalya, Turkey; October 1995.

HONORS, Awards and INVITED LECTURES

Award America’s Most Honored Doctors 2023 (Top 5% Castle Connolly; American Registry)

Invited Faculty Florida Neurological Society Annual Meeting, 2023

 ALS Therapeutics: Hope, Hype and Real Progress

 *Orlando FL. Jan 6, 2023*

Award Castle Connolly Top Doctor 2023 (12th consecutive year)

Award America’s Most Honored Doctors 2022 (Top 5% Castle Connolly; American Registry)

Featured Speaker Guillain-Barre and CIDP Foundation, Florida Chapter

 Update on Therapy for GBS & CIDP

 *Tampa, Fl Sept 23, 2022*

Invited Faculty USF Health Foundations in Clinical Neurology Course, 2022

 The how and why of clinical research: Past, present and future

 *Tampa, FL 8-13-22*

Award Castle Connolly Top Doctor 2022 (11th consecutive year)

Award America’s Most Honored Doctors 2021 (Top 5% – Castle Connolly)

Invited Faculty Florida ALS Association Annual Conference, 2021

Research Progress in ALS therapeutics

 *September 18, 2021*

Award Castle Connolly Top Doctor 2021 (Top 5% of physicians; )

Award USF Health Philanthropy Champion 2021

Invited Faculty Washington University, St. Louis, Department of Neurology Grand Rounds

 ALS Pathogenesis and Experimental Therapeutics 2020

 *Dec 4, 2020*

Featured Speaker Florida ALS Association Annual Conference, 2020

Research Progress in ALS therapeutics

 *August 29, 2020*

Award Castle Connolly Top Doctor 2020 (Top 5% of physicians; 8th year)

Featured Speaker Leadership & Innovation Forum of Tampa

 USF Neurology: Leading a Therapeutic Revolution

 *Tampa, FL Dec 5, 2019*

Award Castle Connolly Top Doctor 2019 (Top 5% of physicians). Castle Connolly.

Keynote Speaker National ALS Advocacy Conference, 2018

Advocacy and funding for ALS multidisciplinary care: Success of a statewide collaboration

 *Washington DC May 13, 2018*

Award Castle Connolly Top Doctor 2018 (Top 5% of physicians). Castle Connolly.

Keynote Speaker Philadelphia Neurological Society

The Journey from Autonomy to System Integration: The 21st century physician and the future of humanity.

 *Philadelphia, PA, Sept 19, 2017*

Invited Faculty Center for International Blood and Marrow Transplantation Research (CIBMTR)

 National Stem Cell Registry Organizational Meeting

 The Role of Stem Cells in Neurological Research & Neurological Disease Registries

 Medical College of Wisconsin

 *Milwaukee, WI, Aug 10, 2017*

Featured Speaker Guillain-Barre and CIDP Foundation International Annual Meeting

CIDP: Contemporary Management and Precision Immunotherapy

 *Fort Lauderdale, FL, March 4, 2017*

Award Castle Connolly Top Doctor 2017 (Top 5% of physicians). Castle Connolly.

Invited Faculty American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM)

63rd Annual Meeting

Expert Management of CIDP.

 *New Orleans, LA Sept 14-17, 2016*

Award Castle Connolly Top Doctor 2016 (Top 5% of physicians). Castle Connolly.

Plenary Speaker American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM)

62cd Annual Meeting

Health Care Reform and the Future of Neuromuscular Medicine: Quality, Value, Numbers and Life.

 *Honolulu, HI, October 29, 2015*

Award Castle Connolly Top Doctor 2015. Castle Connolly.

Invited Faculty American Academy of Neurology (AAN) 66th Annual Meeting: Neuromuscular Therapeutics Course Director

 *Washington DC April, 2015*

Award Friedreich’s Ataxia Research Alliance (FARA) Outstanding Collaborator

 *Tampa, FL, September, 2014*

Invited Faculty Florida Brain Project Scientific Symposium: Nervous System Regeneration.

 Session Chair and Faculty.

 *Tallahassee, FL July 28-29, 2014.*

Invited Faculty American Academy of Neurology (AAN) 66th Annual Meeting: Neuromuscular Therapeutics Course Director

 *Philadelphia, PA April, 2014*

Plenary Speaker Texas Neurological Society Annual Meeting:

 Treatable Neuropathies: Autoimmune and Paraneoplastic Disorders.

 *Austin, TX. February 27-28, 2014.*

Award Castle Connolly Top Doctor 2014. U.S. News and World Report and Castle Connolly.

Invited Faculty American Academy of Neurology (AAN) 6 Annual Meeting:

 Advanced Electromyography

 *San Diego, CA March, 2013*

Invited Faculty American Academy of Neurology (AAN) 65th Annual Meeting:

 Neuromuscular Therapeutics, Course Director

 *San Diego, CA March, 2013*

Award Castle Connolly Top Doctor 2013. U.S. News/Castle Connolly.

Invited Faculty Duke University 11th Annual EMG and EMG Chemodenervation Workshop

 Motor Unit Loss and Compensatory Reinnervation in ALS

 *Durham, NC March 1-3, 2013*

Invited Faculty Immunoglobulin Nursing Society (IgNS) Annual Meeting:

 IVIG in Neurological Research

 *Orlando, FL August, 2012*

Award Castle Connolly Top Doctor 2012. U.S. News/Castle Connolly.

Invited Faculty American Academy of Neurology (AAN) 64th Annual Meeting:

 Advanced Electromyography

 *New Orleans, LA April, 2012*

Invited Faculty American Academy of Neurology (AAN) 64th Annual Meeting:

 Neuromuscular Therapeutics Course Director

 *New Orleans, LA April, 2012*

Invited Faculty American Academy of Neurology (AAN) 63rd Annual Meeting:

 Advanced Electromyography

 *Honolulu, HI April 15th, 2011*

Invited Faculty Guillain-Barre Syndrome/CIDP Foundation International Symposium: Long-Term Management of CIDP and CIDP Variants.

 *King of Prussia, PA, November 5-7, 2010*

Invited Faculty American Society for Neural Therapy and Repair, 17th Annual Conference:

 Amyotrophic Lateral Sclerosis

 *Clearwater, FL, May 1, 2010*

Invited Faculty American Academy of Neurology (AAN) Annual Meeting:

 Advanced Electromyography

 *Toronto, Ontario, Canada April 12th, 2010*

Invited Faculty Texas Neurological Society Annual Meeting:

 Myasthenia Gravis: Contemporary Management

 *Austin, TX. February 6, 2010*

Invited Faculty University of Florida Neurology Grand Rounds:

 Microvascular Reconstruction for Diabetic Neuropathy.

 *Gainesville, FL. November 10, 2009*

Invited Faculty Florida Neurological Society Annual Meeting:

 Myasthenia Gravis: Diagnosis and Management

 *Orlando, FL. September 12, 2009*

Invited Faculty Florida Neurological Society Annual Meeting:

 Neuromuscular Emergencies

 *Orlando, FL. September 12, 2009*

Invited Faculty USF MINDS Seminar (Florida Alzheimer’s Disease Research Center):

 Mechanisms of Diabetic Neuropathy

 *Tampa, FL. June 4, 2009*

Award The Methodist Hospital Neurological Institute, Stanley H. Appel Distinguished Lecturer, 2009:

 The life and death of the motor unit in ALS.

 *Houston, TX May 29th, 2009*

Invited Faculty American Academy of Neurology (AAN) Annual Meeting:

 Advanced Electromyography

 *Seattle, WA May 1st , 2009*

Invited Faculty Duke University 7th Annual EMG and EMG Chemodenervation Workshop

 *Durham, NC March 15, 2009*

Invited Faculty American Clinical Neurophysiology Society Meeting Plenary Session Speaker:

 The Metabolic and Mitochondrial Myopathies: Electrophysiology and Therapy

 *Orlando, FL. March 6, 2009*

Award: Outstanding Academic Leadership. Columbia University Department of Neurology

 *New York, NY, April 6, 2008*

Award Outstanding Teaching and Collaboration: Columbia University Department of Physical Medicine and Rehabilitation

 *New York, NY, April 1, 2008*

Invited Faculty American Academy of Neurology Annual Meeting:

 Therapy in Neurology: Peripheral Neuropathy

 *Chicago, Il,. April 14th , 2008*

Invited Faculty American Academy of Neurology (AAN) Annual Meeting:

 Advanced Electromyography

 *Chicago, Il. April 14th , 2008*

Invited Faculty American Clinical Neurophysiology Society Annual Meeting:

 Motor Unit Survival in ALS.

 *Savannah, GA. February 16th, 2008*

Invited Faculty American Clinical Neurophysiology Society Annual Meeting:

 Clinical Applications of MUNE

 *Savannah, GA. February 15th, 2008*

Invited Faculty Grand Rounds, Hackensack University Medical Center:

 Neuropathic Pain: Mechanisms and Therapy, *Hackensack, NJ, Sept 5, 2007*

Invited Faculty Grand Rounds, Columbia University Department of Rheumatology:

 Myasthenia Gravis

 *New York, NY, Sept 4, 2007*

Invited Faculty Grand Rounds, The Barrow Neurological Institute.

 Gene Therapy in Diabetic Neuropathy

 *Pheonix, AZ, May 17, 2007*

Chair American Academy of Neurology Platform Session S38:

 Peripheral Nerve: Acquired Neuropathies,

 *Boston, MA,. May 2cd, 2007*

Invited Faculty American Academy of Neurology (AAN) Annual Meeting:

 Advanced Electromyography

 *Boston, MA,. May 4th, 2007*

Invited Faculty: Grand Rounds, Beth Israel Hospital.

 Contemporary Management of Myasthenia Gravis

 *New York, NY. December 15, 2006*

Invited Faculty: IRB Investigators Meeting, Columbia Univ. College of Physicians and Surgeons;

 Gene Therapy In Neuromuscular Disease

 *New York, NY, December 12, 2006*

Invited Faculty: Motor Neuron Biology Center Scientific Seminar, Columbia University

 *New York, NY, November 9, 2006*

Invited Speaker: Baxter Pharmaceuticals Advisory Board:

 Clinical Trial Design for Multifocal Motor Neuropathy,

 *Baltimore, MA October 27, 2006*

Invited Faculty: American Association of Electrodiagnostic and Neuromuscular Medicine 53rd Annual

 Advanced Sensory Nerve Conduction Studies

 Scientific Meeting, *Washington DC,, October 11-14, 2006*

Invited Faculty: Second International Symposium on Motor Unit Physiology

 Motor Unit Number Estimation and Single Motor Unit Studies

 *Salt Lake City, Utah. August 17-20,, 2006*

Invited Faculty: American Association of Electrodiagnostic and Neuromuscular Medicine 51st Annual Scientific Meeting,

 Advanced Sensory Nerve Conduction Studies

 *Savannah, GA, November 3-6th, 2004*

Invited Faculty: National Institute of Health (NIH)-National Institute on Aging (NIA) ASTRA Pearls Lecture

 Motor Unit Declines in Normal Aging and Disease

Harbor Hospital, Baltimore MA, October 21, 2004

Induction: American Neurological Association (Academic Society)

 *Toronto, Canada; October 04, 2004*

Invited Faculty: Pennsylvania State University College of Medicine Grand Rounds

 The Motor Unit in ALS

 *Hershey, PA February 12th, 2004*

Invited Faculty: American Society of Hospital Pharmacists (ASHP) Annual Meeting

 High Dose IVIG for the Treatment of Neuromuscular Disease

 *New Orleans, LA December 9th, 2003*

Invited Speaker Baxter Pharmaceuticals Advisory Board on Experimental Therapies for Neuropathy

 *Baltimore, MA October 31, 2003*

Invited Faculty: American Association of Electrodiagnostic Medicine 50th Annual Scientific Meeting

 Advanced Sensory Nerve Conduction Studies

 *San Francisco, CA, September 16th, 2003*

Invited Speaker: Baxter Pharmaceuticals Advisory Board on the use of IVIG in Neurologic Disease

 *Banff, Canada, July 25-26th, 2003*

Invited Faculty Tarrytown House International Symposium on ALS and Motor Neuron Disease

 The Role of Motor Unit Number Estimation in ALS Research

 *Tarrytown, New York, June 13th, 2003*

Invited Faculty Grand Rounds, Beth Israel Hospital.

 Autoimmune Neuropathies

 *New York, New York. March 14th, 2003*

Invited Faculty Grand Rounds, University of Louisville Department of Neurology

 Motor Unit Decline and Compensation in ALS

 *Louisville, Kentucky. January 27th, 2003*

Invited Faculty Grand Rounds, New York University Department of Neurology

 Contemporary Management of Myasthenia Gravis

 *New York, New York. October 29, 2002*

Invited Speaker: New York City Neurology Myasthenia Gravis Special Interest Group (MGNYC.org)

 Treatment of Myasthenia Gravis

 NYU Medical Center

 *New York, New York. October 5, 2002*

Invited Faculty: Grand Rounds, State Univ of NY, Stony Brook

 Peripheral Neuropathy: Diagnosis and Therapy.

 *Long Island, New York. September 25, 2002*

Invited Faculty: Grand Rounds, Baylor College of Medicine Department of Neurology

 The Trajectory of Motor Unit Loss and Compensation in ALS

 *Houston, Texas. July 22, 2002*

Invited Faculty: Grand Rounds, Vanderbilt University Department of Neurology

 The Motor Neuron in Health and Disease

 *Nashville, Tennessee. January 25, 2002*.

Invited Faculty: First International Margaret Pahnke Symposium on Motor Unit Number Estimation

 Motor Unit Number Estimation and the Single Motor Unit

 *Salt Lake City, Utah. July 7-11, 2001*

Award: Distinguished Achievement Award (Outstanding Professional Achievement)

 Transylvania University

 *Lexington, Kentucky. April 28, 2001.*

Invited Faculty: The 11th Annual International Conference of EMG and Clinical Neurophysiology

 Multiple Point Stimulation Motor Unit Number Estimation and Single Motor Unit Studies

*Prague, Czech Republic, September 9-14, 1999*

Award: Outstanding Faculty Leadership Award. Baylor College of Medicine, Dept. of Neurology

 *Houston, Texas. April, 1999.*

Award: Most Outstanding Neurology Resident. Baylor College of Medicine, Dept. of Neurology

 *Houston, Texas. April, 1992.*

**DIRECTOR, UNIVERSITY CME PROGRAMS Number of Courses Dates**

**Neurology and Neurosurgical Therapeutics**

Director

University of South Florida, Tampa, FL 3 Annual 2010-2012

**Basic and Advanced Techniques in Electrodiagnostic Medicine**

Director

Columbia University, New York, NY 8 Annual 2000-2007

**Advances in Neuromuscular Disorders**

Director

Columbia University, New York, NY 8 Annual 2000-2007

**Advances in Neuroimmunologic Therapy**

Director

American Academy of Immunotherapy & Columbia University 1 2004

**Current Neurology**

Director

Baylor College of Medicine, Houston, TX 4Annual 1995-1998

**TOTAL University CME Courses Directed 24**

NOTABLE STUDENTS AND TRAINEES

Students directly trained by me while serving as their Fellowship or Residency Program Director

**Does not include USF trainees graduating during my tenure as Chair at USF**

**COLUMBIA UNIVERSITY (Fellows graduating during my tenure as Neuromuscular Fellowship Director)**

**Jinsy Andrews MD**

Associate Professor, Columbia University

New York, NY

Former Director, Cytokinetics

San Francisco, CA

President, Northeastern ALS Alliance

Trustee, National ALS Association

**Amy Chen MD**

Director, ALS Center of Excellence

Associate Professor

University of South Florida

Tampa, SC

**Petra Kaufman, MD, PhD**

## Chief Medical Officer

## Affinia Therapeutics

Baltimore MD

## Former Vice President, R&D and Translational Medicine

## AveXis (Novartis)

San Diego, CA

**Michael Stubblefield MD**

Director, Cancer Rehabilitation

Kessler Institute for Rehabilitation

West Orange, NJ

Former Director, Cancer Rehabilitation

Memorial Sloan Kettering Cancer Institute

New York, NY

**Olajide Williams, MD**

Chief of Staff, Neurology

New York Presbyterian Hospital

Associate Professor

Columbia University

New York, NY

**BAYLOR COLLEGE OF MEDICINE (Residents graduating during my tenure as Program Director)**

**George Hutton MD**

Director, Maxine Messinger Multiple Sclerosis Center

Professor

Baylor College of Medicine

Houston, TX

**Italo Linfante MD**

President, Society for Vascular and Interventional Neurology (2017-2019)

Director, Interventional Neurology

Baptist Health System

Miami, FL

**Tim Miller MD**

Vice President and Head, Global Affairs

Rare Disease Division, Genzyme

Boston MA

**Gholam Motamedi MD**

Professor and Director, Epilepsy Research

Georgetown University

Washington DC

**Marwan Sabbagh MD**

Professor of Neurology

Director of the Alzheimer’s Center

Barrow Neurological Institute

Phoenix, AZ

**Aziz Shaibani MD**

Director, Nerve and Muscle Center of Texas

President, Texas Neurological Society (2014)

Texas Medical Center

Houston, TX

**Ericka Simpson MD**

Director, Neurology Residency Program and Neuromuscular Medicine Fellowship

Sumner Family Endowed Chair

Houston Methodist Neurological Institute

Associate Professor, Cornell University

Houston, TX

**Amit Verma, MD**

Director, Comprehensive Epilepsy Program

Director, Neurophysiology and Sleep Medicine

Houston Methodist Neurological Institute

Associate Professor, Cornell University

Houston, TX