

2021

# Year-End Summary

## Mission

Promote high quality patient-centered care through accreditation of training programs and certification of physicians in neurologic subspecialties.

## Vision

To help small neurologic subspecialties develop creditability and grow.



# 2021 Year in Review

### Introduction

The United Council for Neurologic Subspecialties (UCNS), with the strong leadership of the Board of Directors, the exceptional oversight of the Accreditation and Certification Councils, the subject matter expertise and commitment of the certification examination committees, and the dedication of the UCNS staff, continued to navigate the new norms of operating in the second year of a pandemic. With adaptability and flexibility, the organization successfully met or exceeded the goals outlined for 2021 and is prepared for continued success in 2022. This report is a summary of the 2021 UCNS accomplishments and initiatives. Additional comprehensive detailed reports relating to accreditation, certification, and financial information can be found under "Annual Reports" at <a href="https://www.ucns.org/About">www.ucns.org/About</a>.

## **Organizational Initiatives & Activities**

#### **UCNS Welcomed New Board Members**

The UCNS welcomed three new parent organization representatives to the Board of Directors. Amaal Starling, MD, MSc, of Mayo Clinic, Scottsdale was elected to serve as a voting member representing the American Academy of Neurology. Margie A. Ream, MD, PhD, of Nationwide Children's Hospital was elected to represent the Professors of Child Neurology, and Salvador Cruz-Flores, MD, of Texas Tech University Health Sciences Center at El Paso, was nominated by the American Neurological Association. New subspecialty sponsoring organization representatives joining the board in 2021 include Amanda C. Peltier, MD, MS, of Vanderbilt University Medical Center, representing the subspecialty of Autonomic Disorders (AD) and Dr. Gustavo J. Rodriguez, MD, PhD, of Texas Tech University Health Sciences Center at El Paso, representing Interventional Neurology (IN). Parent and sponsoring organization representatives are nominated by their respective parent or subspecialty sponsoring organizations and are approved by the voting members of the UCNS Board of Directors.

#### **Increased Recognition of UCNS Certification**

After careful review of the UCNS certification and continuous certification process, Quest Analytics approved the UCNS's request for inclusion of UCNS certifications in the list of certifications in the BetterDoctor physician profile system. Diplomates who are included in the BetterDoctors platform may update their profile to include their UCNS certification. Over 700,000 healthcare professionals from over 360,000 locations use BetterDoctor to attest their information with participating health plans.

The Texas Medical Board (TMB) approved the UCNS application for specialty board certification advertising recognition at their March 4, 2021 meeting. UCNS representatives presented to the TMB and it was determined that UCNS certification requirements are substantially equivalent to the requirements of the American Board of Medical Specialties (ABMS) and the American Osteopathic Association Bureau of Osteopathic Specialists, resulting in approval of UCNS as a certifying board recognized for purposes of advertising.

UCNS certification and accredited fellowship training in Clinical Neuromuscular Pathology (CNMP) have been approved under the Clinical Laboratory Improvement Amendments (CLIA) of 1988 as a qualification to practice neuropathology. Having Centers for Medicare and Medicaid Services (CMS) approval means that physicians who have successfully completed a UCNS-accredited training program in CNMP and/or have a UCNS certification in the subspecialty are approved by Health and Human Services to examine and provide reports for neuromuscular pathology. CLIA laws regulate all clinical and anatomic pathology practices, and meeting the regulations is required for Medicare and Medicaid funding.

#### **UCNS Expands Its Reach Through Social Media**

UCNS is now available on social media platforms. "Like," "follow," and "connect" with UCNS through Facebook, Twitter, and LinkedIn where timely neurologic subspecialty accreditation and certification news, updates, and announcements are shared.

#### **Interventional Neurology Accreditation and Certification Launches**

The sponsoring organizations for the subspecialty of Interventional Neurology, the International Society for Interventional Neurology and the American Neurological Association, nominated the individuals who serve on the subspecialty's accreditation task force and certification examination committee that worked on the development of the subspecialty's accreditation and certification standards and requirements. The UCNS opened applications for fellowship program accreditation in late 2021 and the first certification examination opened in December 2021. The first Interventional Neurology certification examination will take place in late 2022.

#### **UCNS-Recognized Subspecialty Updates**

Providing both accreditation and certification for emerging neurologic subspecialties, the UCNS is in a unique position to fully monitor and evaluate subspecialty growth and trends. All subspecialty data is reviewed and evaluated annually by the UCNS Councils, Board of Directors, subspecialty sponsoring organizations, and certification examination committees. The comprehensive 2021 UCNS Subspecialty Updates are available on the UCNS website.

#### **Measuring Organizational Progress**

Throughout the year the UCNS Board of Directors monitors the organization's progress through key metrics on a scorecard of quantifiable measures. The established measures also serve as the basis to calculate the approved annual budget and are a means of tracking other data of importance and interest to the success of the organization.

Ongoing Metrics & Outcomes	2021 Projection	2021 Year End		
Increase number of UCNS accredited programs				
Number of new program accreditation applications received	8	13		
Number of accredited programs	210	223		
Available 2020/2021 fellowship spots	379	403.5		
Percentage 2020/2021 fellowships filled	56%	54.5%		
Increase number of UCNS certified diplomates				
Number of certification applications received	121	164		
New Diplomates	98	120		
Certification Exam % of Candidates Passed^	82.75%	89.75%		
C-cert Quiz Average Score on First Quiz Attempt	91.00%	86.37%		
Diplomates - Certified Not Meeting Requirements	913	887		
Diplomates - Certified Meeting Requirements	2,507	2,559		
Meet or exceed annual budget				
Net operating surplus (loss) \$4,441 \$291,2		\$291,265		
^ Pass rate based on % of candidates who pass the exams in the given testing rotation/year				

#### **Diplomate Survey Provides Valuable Feedback**

On August 18, 2021, a survey was sent via email to 3,211 UCNS diplomates holding current certifications in a UCNS subspecialty. A total of 993 diplomates (31%) responding to the survey. The comprehensive survey provided diplomates a means to provide their feedback on numerous UCNS initiatives including certification, the new C-cert process, and communication preferences and usage.

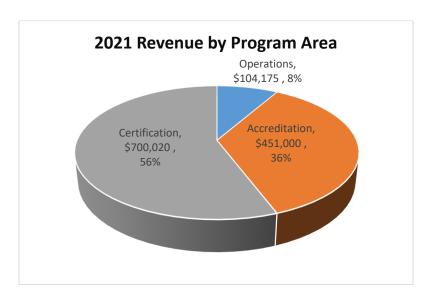
The feedback obtained through the survey was shared with the Certification Council for its consideration of potential changes and improvements to the C-cert process. Subspecialty-specific feedback is also shared with the relevant subspecialty certification examination committees along with post C-cert quiz and certification examination evaluation information for consideration in their C-cert and examination development responsibilities. UCNS staff closely evaluates the feedback that can be implemented to improve communications, the website, and the quiz administration process.

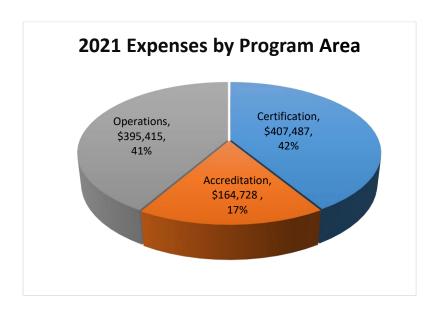
Overall, it is encouraging that diplomates rate their C-cert experience as positive, and their comments provide valuable feedback that can be used to improve the program within the financial and human resource limitations of the organization. The voices of our stakeholders are sought, heard, considered, and valued. The 2021 Diplomate Survey results, along with the results of the annual C-cert quiz, initial certification post-examination evaluations, and the annual fellowship evaluations are shared with the leadership bodies of the UCNS.

## **Financial Update**

The UCNS ended 2021 in a strong financial position with a surplus that exceeded expectations due to revenue from the increased number of accreditation and certification applications and a higher number of C-cert annual fee payments received. Increased revenue and decreased expenses due to cancelled travel and meeting expenses due to COVID-19 contributed to a larger than projected surplus of funds that will ensure the stability of the organization to support current and future neurologic subspecialties, training programs, and diplomates.

The year ended with an increase in net assets of \$287,563 for total net assets of \$2,267,262. The financial and Form 990 reports are available on the UCNS website.





#### **Accreditation**

#### **Training Program Annual Reports Provide Valuable Data**

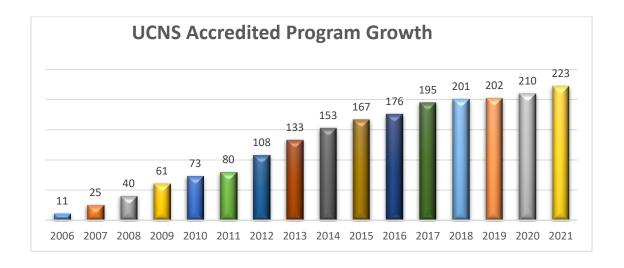
UCNS-accredited training programs submit annual reports that provide valuable insight into the programs with up-to-date information relating to the number of fellowship program spots available and the percentage of fellowship openings filled within each subspecialty. All annual reports and fellow survey results are summarized in the comprehensive 2021/2022 UCNS Accreditation Annual Report.

#### **Training Program Milestones Development**

Training program milestones continue to be developed by subspecialty task forces for use by UCNS-accredited programs. Modeled after the Accreditation Council for Graduation Medical Education milestones, the UCNS Common Milestones were developed by the Accreditation Council and approved by the Board of Directors. UCNS is in the final stages of developing the milestones for Geriatric Neurology and Neuroimaging, after which all existing subspecialty milestones will have been completed. In 2022, UCNS will work with its newest subspecialty, Interventional Neurology, to draft its subspecialty-specific milestones. All completed milestones may be found on the Accreditation page of the UCNS website.

#### **UCNS Accredited Program Growth**

During 2021, UCNS added 13 new accredited training programs, bringing the total number of UCNS-accredited training programs to 223. The 2021/2022 UCNS Accreditation Annual Report provides additional summary information of program status, growth, and fellow evaluation results.



UCNS Accredited Fellowship Programs by Subspecialty by Year						
Subspecialty	2016 Training Programs	2017 Training Programs	2018 Training Programs	2019 Training Programs	2020 Training Programs	2021 Training Programs
Neurocritical Care	61	68	69	69	73	76
Headache Medicine	34	39	42	43	45	47
Behavioral Neurology & Neuropsychiatry	34	34	35	37	37	44
Neuro-oncology	27	31	34	35	36	37
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	5	5	5	4	5	5
Neuroimaging	5	5	5	4	4	4
Geriatric Neurology	3	5	5	4	4	4
Neural Repair and Rehabilitation*	2	2	0	0	0	0
TOTALS	177	195	201	202	210	223

<sup>\*</sup>UCNS accreditation and certification for the subspecialty of Neural Repair and Rehabilitation discontinued in 2019

## **Continuous Certification (C-cert)**

#### **Retention of Diplomates Under C-cert Transition Exceeds Expectations**

Retention of diplomates with the transition to C-cert exceeded expectations with a total of 88% of all UCNS diplomates maintaining their certification during the first two years of implementation, significantly higher than the 61% retention of diplomates under the previous recertification model. There were 2,559 diplomates who ended the year with a "Certified – Meeting Requirements" status and 442 diplomates who remain certified but have outstanding requirements at year-end with a status of "Certified – Not Meeting Requirements" for a total of 3,001 certified diplomates at the end of 2021.

Annual C-cert requirements include diplomates reading their subspecialty's 10 peer-selected journal articles and passing a 25-question online quiz that assesses their knowledge of the article content, which focuses on the new research and guidelines in their subspecialty field. Diplomates not meeting all 2021 requirements by year-end will have their status updated upon meeting requirements but diplomates who do not meet requirements for two consecutive years are no longer considered certified. Over 86% of all diplomates who took the annual C-cert assessment quiz passed the quiz on the first attempt. Diplomates have three attempts to pass the quiz with a minimum passing score of 80%.

#### **Diplomate Attrition**

The year 2021 is the first year that UCNS saw C-cert attrition of total diplomates due to not meeting requirements for two consecutive years. The 413 dipomates who are no longer certified due to not meeting the C-cert requirements for two years have the option to certify again in the future by applying for, taking, and passing the initial certification examination for their subspecialty. The UCNS has not offered certification exams for the subspecialty of Geriatric Neurology since 2011 and certificates expired in 2021 with the sunsetting of the final 10 diplomates in this subspecialty.

#### **UCNS Continuous Certification Activities Approved for ABPN Self-Assessment Credits**

The American Board of Psychiatry and Neurology (ABPN) approved the UCNS application for ABPN Self-Assessment (SA) credits to be granted for completion of the 2021 UCNS C-cert activities. ABPN approved the 2021 C-cert program as a part of a comprehensive SA program, which is mandated by the ABMS as a necessary component of maintenance of certification. Diplomates had the added benefit and opportunity to earn up to 11 ABPN SA credits in addition to up to 11 AMA PRA Category 1<sup>TM</sup> credits for meeting the 2021 UCNS C-cert requirements.

#### **C-cert Post-Activity Feedback**

Diplomates complete a C-cert post-activity online evaluation after they pass and review their quiz results. A total of 84.7% of the evaluation respondents indicated the information learned in the C-cert activity would result in a change in their practice. Overall, 92% of the diplomate respondents rated the clinical relevence of the journal articles selected for their subspecialty as very good to excellent. The evaluation outcomes and numerous comments and suggestions provided by diplomates are anonymously shared with the examination committees, Certification Council, and Board of Directors to ensure ongoing improvement to the C-cert process and diplomate experience.

## **C-cert Year-End Outcomes by Subspecialty**

Subspecialty	2020 Yr End Total Dips	New Dips 2021	Dips Mtg 2021 Req	Dips Not Mtg 2021 Req	Dips Not Mtg 2019 & 2020 Req (Not Cert)	Retired or Deceased 2021	2021 Yr End Total Dips	% of Total Dips Retained
Autonomic Disorders	56	0	47	6	-3	0	53	96%
Behavioral Neurology & Neuropsychiatry	475	0	350	66	-56	-4	416	87%
Clinical Neuromuscular								
Pathology	69	14	61	16	-6	0	77	91%
Geriatric Neurology	11	0	0	0	-11	0	0	n/a
Headache Medicine	706	0	554	79	-70	-3	633	90%
Neurocritical Care	1486	57	1155	181	-195	0	1336	86%
Neuroimaging	216	6	129	34	-49	-9	163	73%
Neuro-oncology	284	43	256	45	-23	-3	301	91%
Neural Repair and								
Rehabilitation	22	0	8	14	0	0	22	n/a
Totals	3325	120	2560	441	-413	-19	3001	88%

#### **UCNS Certification Examinations**

Certification applications came in ahead of projections for the four certification examinations offered in 2021, resulting in 120 physicians earning certification in their subspecialty. Candidates who complete a UCNS certification examination also complete a post-examination evaluation to give feedback on all aspects of their certification examination experience. Evaluation outcomes are shared with the examination committees, Certification Council, and Board of Directors. UCNS continues to monitor post-examination evaluation outcomes and will continue to identify ways to improve the process, quality of the examinations, and examination experience for our candidates.

**2021 Certification Examination Summary** 

Subspecialty	Initial Cert Apps Budgeted	Initial Cert Apps Received	Initial Cert Apps Final	Candidates Passed/ New Diplomates
Neuroimaging	7	7	7	6
Neuro-oncology	50	55	55	43
Clinical Neuromuscular Pathology	10	14	14	14
Neurocritical Care	55	88	83	57
Totals	122	164	159	120

**Diplomate Count History by Subspecialty** 

	2015 Yr	2016 Yr	2017 Yr	2018 Yr	2019 Yr	2020 Yr	2021 Yr
Subspecialty	End						
	Diplomates						
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486	1,336
Headache Medicine	520	523	484	570	588	706	633
Behavioral Neurology &	388	402	202	407	421	475	416
Neuropsychiatry	300	403	382	407	421	4/5	410
Neuro-oncology	207	207	240	236	285	284	301
Clinical Neuromuscular	43	43	59	59	68	69	77
Pathology	45	45	59	59	00	69	//
Autonomic Disorders	27	38	37	48	48	56	53
Neuroimaging	180	180	206	187	218	216	163
Geriatric Neurology	18	18	18	18	18	10	0
Neural Repair and	22	22	22	22	22	22	22
Rehabilitation	23	23	23	23	23	22	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,324	3,001

## **Looking Forward**

The UCNS is excited to launch the Interventional Neurology accreditation and certification opportunities in 2022. The dedicated subspecialty subject matter experts have worked incredibly hard to develop the subspecialty's training program requirements that will provide a consistent core curriculum with programmatic oversight for all accredited programs and the initial certification examination that will be the measure of expertise for physicians practicing in the subspecialty. Now entering the third full year of the C-cert process for maintaining UCNS certification, we will continue to obtain and evaluate feedback from diplomates and stakeholders to make program improvements to ensure the process for maintaining certification is relevant, educational, and valuable for diplomates and results in quality patient care in the ever-changing neurologic subspecialty fields of medicine. The Board of Directors, which includes representation from each subspecialty and the leading organizations in the field of neurology, continues to provide organizational leadership and oversight to ensure that the UCNS is a strong and respected certifying and accrediting body for emerging neurologic subspecialties.

#### **UCNS Ongoing Priorities:**

- Raise awareness of UCNS certification and accreditation in the neurologic community
- Engage new subspecialties in seeking UCNS recognition for strategic growth of their subspecialty and development of quality standards for expertise and training
- Increase the number of UCNS-accredited training programs
- Increase the number of UCNS-certified diplomates
- Meet or exceed the annual budget

#### **Thank You to Our Volunteers**

The UCNS continues to be a strong certifying and accrediting body for emerging neurologic subspecialties due to the many volunteers who provide their time, expertise, and leadership to organization. Thanks to the dedicated volunteer leaders and subspecialty subject matter experts identified by the Parent and subspecialty Sponsoring Organizations, the UCNS can achieve its mission to promote high quality patient-centered care through accreditation of training programs and certification of physicians in neurologic subspecialties and work to maintain a vision of helping small neurologic subspecialties develop credibility and grow.

## 2021/2022 UCNS Board of Directors

2021/2022 00113 200114 01 211 00113					
Parent Organization Directors	Parent Organizations				
Chair:	Child Nouralogy Society (CNS)				
Paul G. Fisher, MD, MHS	Child Neurology Society (CNS)				
Stanford University Medical Center					
Secretary/Treasurer:	Association of University Professors of Neurology				
Lawrence Wechsler, MD	Association of University Professors of Neurology				
University of Pennsylvania Medical School	(AUPN)				
Amaal Starling, MD, PhD	American Academy of Newsland (AANI)				
Mayo Clinic Scottsdale	American Academy of Neurology (AAN)				
Margie A. Ream, MD, PhD	Duefeeeers of Child Neuroles: (DCN)				
The Ohio State University, Nationwide Children's Hospital	Professors of Child Neurology (PCN)				
Salvador Cruz-Flores, MD, MPH	A				
Texas Tech University Health Sciences Center El Paso	American Neurological Association (ANA)				
Subspecialty Voting Member Directors	Subspecialty/ Sponsoring Organization				
Noah L. Rosen, MD	Subspecialty:				
Northwell Health Zucker School of Medicine	Headache Medicine				
	Sponsoring Organizations:				
	AAN Headache Medicine Section				
	American Headache Society				
Joseph Masdeu, MD	Subspecialty:				
Houston Methodist Hospital	Neuroimaging				
·	Sponsoring Organization:				
	American Society of Neuroimaging				

Subspecialty Non-Voting Representatives	Sponsoring Organization/Subspecialty
Amanda C. Peltier, MD, MS	Subspecialty:
Vanderbilt University	Autonomic Disorders
	Sponsoring Organizations:
	American Autonomic Society
	AAN Autonomic Disorders Section
Barbara E. Schildkrout, MD	Subspecialty:
Harvard Medical School	Behavioral Neurology & Neuropsychiatry
	Sponsoring Organizations:
	American Neuropsychiatric Association
	Society for Behavioral & Cognitive Neurology
Angela Hays Shapshak, MD	Subspecialty:
University of Alabama Birmingham	Neurocritical Care
,	Sponsoring Organizations:
	Neurocritical Care Society
	AAN Critical Care and Emergency Neurology
	Section
Barbara J. Snider, MD, PhD	Subspecialty:
Washington University	Geriatric Neurology
ç ,	Sponsoring Organization:
	AAN Geriatric Neurology Section
Ex Officio Non-voting Directors, and Liaisons	Organization
Steven L. Lewis, MD	American Board of Psychiatry & Neurology
Lehigh Valley Health Network	(ABPN)
Katie Fernstaedt	
Executive Director	Association of University Professors of Neurology
Association of University Professors of Neurology	(AUPN)
Nadine Goldberg, PhD, MS	
Executive Director	American Neurological Association (ANA)
American Neurological Association	, , , , , , , , , , , , , , , , , , , ,
Roger Larson	
Executive Director	Child Neurology Society (CNS)
Child Neurology Society/Professors of Child Neurology	Professors of Child Neurology (PCN)
Mary Post, MBA, CAE	
Executive Director	American Academy of Neurology (AAN)
American Academy of Neurology	American Academy of Neurology (AAN)
<u>-</u>	
Mazen M. Dimachkie, MD	Subspecialty:
University of Kansas Medical Center	Clinical Neuromuscular Pathology
	Sponsoring Organization:
	AAN Neuromuscular Section
Justin Jordan, MD, MPH	Subspecialty:
Massachusetts General Hospital	Neuro-oncology
	Sponsoring Organization:
	AAN Neuro-oncology Section

## **2021/2022 UCNS Councils**

2021/2022 OCNS COUNCIS					
Certification Council	Parent Organization				
Darren Gitelman, MD (Chair)					
Advocate Lutheran General Hospital					
	ANA				
Jun Li, MD					
Wayne State University School of Medicine					
Michael L. James, MD (Vice Chair)					
Duke University					
	AAN				
Nimish Mohile, MD					
University of Rochester Medical Center					
Rohit R. Das, MD					
UT Southwestern Medical Center					
	AUPN				
Margaret M. Swanberg, DO					
Uniformed Services University of the Health Sciences Bruce Cohen, MD					
1					
Akron Children's Hospital	PCN				
David Urion, MD	PCN				
Boston Children's Hospital					
Yasmin Khakoo, MD					
Memorial Sloan Kettering Cancer Center	CNS				
Accreditation Council	Parent Organization				
	Farent Organization				
Holli Horak, MD (Chair)					
University of Arizona					
Katherine Peters, MD, PhD					
Duke University Medical Center	AAN				
Buke offiversity Wedical Center					
Hope O'Brien, MD, MBA					
University of Cincinnati					
James Owens, MD (Vice Chair)					
Seattle Children's	PCN				
Gustavo Rodriguez, MD					
Texas Tech University Health Sciences Center of El Paso					
L Bisarda Carbuanama MD	ANA				
J. Ricardo Carhuapoma, MD					
Johns Hopkins Hospital					
Alexander Auchus, MD					
I Inivarcity at Micciccina Madical Canter	·				
University of Mississippi Medical Center	ALIDNI				
	AUPN				
Sanjay P. Singh, MD	AUPN				
Sanjay P. Singh, MD Creighton University School of Medicine	AUPN				
Sanjay P. Singh, MD Creighton University School of Medicine Christopher Oakley, MD					
Sanjay P. Singh, MD Creighton University School of Medicine	AUPN				

## 2021/2022 Certification Examination Committees

#### **Autonomic Disorders**

Elizabeth Coon, MD, Chair, Mayo Clinic Rochester
Satish R. Raj, MD, MSCI, Vice Chair, Health Research Innovation Centre
Gisela Chelimsky, MD, Medical College of Wisconsin
Srikanth Muppidi, MD, Stanford Neuroscience Health Center
Brian Olshansky, MD, University of Iowa Hospitals and Clinics
Amanda Peltier, MD, Vanderbilt University Medical Center
Lauren Phillips, MD, UT Southwestern Medical School
Kamal Shouman, MD, Mayo Clinic Rochester
Howard Snapper, MD, WellStar Medical Group

#### **Behavioral Neurology & Neuropsychiatry**

Robin A. Hurley, MD, Chair, Wake Forest School of Medicine
Kyle Steinman, MD, MAS, Vice Chair, University of Washington/Seattle Children's Hospital
James R. Bateman, III, MD, Wake Forest School of Medicine
Miles G. Cunningham, MD, PhD, McLean Hospital
Lindsey Gurin, MD, NYU Pearl Barlow Center for Memory Evaluation and Treatment
Colin J. Harrington, MD, Rhode Island Hospital
Mandana Modirrousta, MD, PhD, FRCPC, Saint Boniface Hospital
Michael Schrift, DO, MA, Northwestern University Feinberg School of Medicine
Jonathan H. Woodcock, MD, University of Colorado – Anschutz Medical Campus

#### **Clinical Neuromuscular Pathology**

Mazen Mohammad Dimachkie, MD, Chair, University of Kansas Medical Center Michelle L. Mauermann, MD, Vice Chair, Mayo Clinic Rochester Anthony A. Amato, MD, Brigham and Women's Hospital Robert C. Bucelli, MD, PhD, Washington University School of Medicine Ahmed Mohamed Attia El-Dokla, MD, SUNY Upstate Medical University Raghav Govindarajan, MD, St. Elizabeth Medical Group Mohamed Kazamel, MD, University of Alabama at Birmingham Shailani Mahajan, MD, Cedars-Sinai Medical Center Margherita Milone, MD, PhD, Mayo Clinic Rochester Aziz Shaibani, MD, Baylor College of Medicine

#### **Headache Medicine**

Jerry Swanson, MD, Chair, Mayo Clinic Rochester
Robert Kaniecki, MD, Vice Chair, The Headache Center
Thomas Berk, MD, NYU Langone Health
Debra G. Davis, MD, LSU Health
Randolph Evans, MD, Houston Methodist
P. Christopher H. Gottschalk, MD, Yale Neurology Group
Stephanie J. Nahas, MD, Thomas Jefferson University
Christopher B. Oakley, MD, Johns Hopkins University
Jelena M. Pavlovic, MD, PhD, Montefiore Headache Center

#### **Interventional Neurology**

Camilo R. Gomez, MD, MBA, Chair, University of Missouri Medical Center
Alberto Maud, MD, Texas, Vice-Chair, Texas Tech University Health Sciences Center El Paso
Norman Ajiboye, MD, Memorial Healthcare System
Steve M. Cordina, MD, University of South Alabama
Elie Elliot Dancour, MD, Vassar Brothers Medical Center-Nuvance Health
Ashutosh P. Jadhav, MD, PhD, Barrow Brain and Spine
Nazli (Sophia) Janjua, MD, Pomona Valley Hospital Medical Center
Rakesh Khatri, MD, Lutheran Hospital

Jefferson T. Miley, MD, Seton Brain and Spine Institute Dell Medical School, University of Texas at Austin Sunil A. Sheth, MD, UT Health McGovern Medical School

#### **Neurocritical Care**

Ivan Rocha Ferreira da Silva, Chair, Rush University Medical Center Marin Darsie, MD, Vice Chair, University of Wisconsin

Wan Tsu Wendy Chang, MD, University of Maryland School of Medicine Bradley Dengler, MD, Walter Reed National Military Medical Center Sayona John, MD, Rush University Medical Center

Lauren Koffman, DO, Lewis Katz School of Medicine at Temple University Sarah D. Nelson, MD, MPH, Icahn School of Medicine at Mount Sinai Michael J. Schneck, MD, Loyola University Medical Center

Robert Stevens, MD, FCCM, Johns Hopkins University School of Medicine Chethan P. Venkatasubba Rao, MD, Baylor College of Medicine

#### **Neuroimaging**

Jerome Graber, MD, Chair, University of Washington Medical Center Jon Y. Choi, MD, PhD, Walter Reed National Military Medical Center Carmel Armon, MD, MHS, Tel Aviv University Sackler School of Medicine Alireza Faridar, MD, Houston Methodist Neurological Institute Nazar Haidri, MD

Gregory Kapinos, MD, MS, Kings County Hospital
Jennifer W. McVige, MD, Dent Neurologic Institute
Mohammad Obadah Nakawah, MD, Houston Methodist Neurological Institute
Gustavo Rodriguez, MD, Paul L. Foster School of Medicine
Catherine A. Weymann-McKinney, MD, Guilford Neurologic Associates

#### **Neuro-oncology**

David M. Cachia, MD, Chair, UMass Memorial Medical Center
Christian Grommes, MD, Vice Chair, Memorial Sloan Kettering Cancer Center
Joy Ellen Burke, MD, University of Rochester
Yasmin Khakoo, MD, Memorial Sloan Kettering Cancer Center
Heather E. Leeper, MD, National Institute of Health
Douglas E. Ney, MD, University of Colorado School of Medicine
Katherine B. Peters, MD, PhD, Duke University Medical Center
Roy E. Strowd, III, MD, MEd, Wake Forest School of Medicine
Joon Uhm, MD, Mayo Clinic Rochester
Andrea Wasilewski, MD, Givens Brain Tumor Center

NOTE: Examination committee members are subject matter experts nominated by the subspecialty's sponsoring organization(s).

## **UCNS Staff**

Executive Director Brenda Riggott, IOM briggott@ucns.org (612) 928-6106

Senior Manager, Accreditation Amanda Carpenter

acarpenter@ucns.org

(612) 928-6065

**Manager, Continuous Certification** 

Bryan Hagerla

bhagerla@ucns.org

(612) 928-6326

Senior Manager, Certification

**Todd Bulson** 

tbulson@ucns.org

(612) 928-6067

**Operations and Executive Office Manager** 

**Becky Swanson** 

bswanson@ucns.org

(612) 928-6050