

2022

# 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.

www.ucns.org



# 2022 Year in Review

### Introduction

Twenty years ago, representatives of the five leading neurologic societies came together to establish the structure, function, and budget for an accrediting and certifying body for emerging subspecialties that could meet the needs of the increasing subspecialization of neurology. Although there were abundant opportunities for neurology fellowships, training requirements varied considerably, most fellowships were not accredited, and their graduates did not have an opportunity for certification. To provide a means for formal recognition of emerging neurologic subspecialties and an opportunity to improve training for subspecialties through the development of training and clinical competence standards, the leaders in the field of neurology collaborated to support and nurture neurologic subspecialties. From that initiative was born the United Council for Neurologic Subspecialties (UCNS).

Since that time, the UCNS has continued to meet its mission to promote high quality patient-centered care through accreditation of training programs and certification of physicians in neurologic subspecialties. The five Parent Organizations, along with the subspecialty sponsoring organization representatives, continue to provide strong and respected leadership on the Board of Directors, and Accreditation and Certification Councils. The subspecialty sponsoring organizations provide subject matter experts who develop their respective subspecialty program requirements, milestones, and certification examinations.

What started as an idea 20 years ago has resulted in a respected and sustainable organization that ended 2022 with 234 UCNS-accredited training programs in nine different neurologic subspecialties, offers nine subspecialty certification examinations, and has 3,134 certified physician diplomates.

This report is a summary of the 2022 UCNS accomplishments and initiatives.

#### **UCNS Parent Organizations**

- American Academy of Neurology (AAN)
- American Neurological Association (ANA)
- Association of University Professors of Neurology (AUPN)
- Child Neurology Society (CNS)
- Professors & Educators of Child Neurology (PECN)

#### **UCNS-Recognized Subspecialties**

(As of 12/31/22)

- Autonomic Disorders
- Behavioral Neurology & Neuropsychiatry
- Clinical Neuromuscular Pathology
- Geriatric Neurology
- Headache Medicine
- Interventional Neurology
- Neonatal Neurocritical Care
- Neurocritical Care
- Neuroimaging
- Neuro-oncology

## **Organizational Initiatives & Activities**

#### **UCNS Welcomes New Officers and Board Members**

The UCNS welcomed new members and officers to the Board of Directors. Board nominations are made by the UCNS Parent and Subspecialty Sponsoring Organizations.



Lawrence R. Wechsler, MD Chair, UCNS Board of Directors

#### **New Officers and Parent Organization Representatives**

Lawrence Wechsler, MD was elected to serve a two-year term as Chair of the Board of the Board of Directors. Dr. Wechsler has served on the Board since 2019 as a representative of the AUPN and served as UCNS Treasurer in 2020/2021. He is the Chair of the University of Pennsylvania Health System Department of Neurology at Pennsylvania Hospital. He has been UCNS certified in Neuroimaging since 2015.

Salvador Cruz-Flores MD, MPH, represents the ANA and was elected to serve a two-year term in the officer role of Vice Chair. He is a Professor and Founding Chairman for the Department of Neurology at the Paul L. Foster School of Medicine at Texas Tech University Health Sciences Center El Paso. Dr. Cruz-Flores is also Chief of Neurology, Director of the Neurosciences Intensive Care Unit, and Chief of Staff at the University Medical Center of El Paso.

Margie A. Ream, MD, PhD, was elected to serve as Secretary/Treasurer from 2022-2024. She a voting member representing the PECN. She is a Child Neurologist and Assistant Professor at The Ohio State University, Nationwide Children's Hospital in Columbus, Ohio. She was elected to serve a three-year term on the board beginning in 2021.

*Nancy Bass, MD,* was elected to a three-year voting term representing the CNS. Dr. Bass is a Pediatric Neurologist at Children's Wisconsin and a Professor of Neurology at Medical College of Wisconsin.

#### **New Subspecialty Sponsoring Organization Representatives**

*C. Alan Anderson, MD*, represents the subspecialty of Behavioral Neurology & Neuropsychiatry as a voting member of the Board from 2022-2024. He was nominated by the American Neuropsychiatric Association and Society for Behavioral and Cognitive Neurology. He is a Professor of Neurology, Psychiatry, and Emergency Medicine at the University of Colorado School of Medicine and serves as the university's Associate Director of the Behavioral Neurology Section.

Tahseen Mozaffar, MD, was nominated by the Clinical Neuromuscular Pathology sponsoring organization, the AAN Neuromuscular Section. He will serve a two-year nonvoting term. He is a Professor of Neurology at University of California-Irvine and is Director of the Division of Neuromuscular Diseases, Neurology School of Medicine and Director of the UC Irvine-MDA ALS and Neuromuscular Center, Neurology School of Medicine.

Siddharth Kapoor, MD, represents Headache Medicine and will serve as a non-voting member of the Board from 2022-2024. He is the Director of the Headache Clinic at the Kentucky Neuroscience Institute, University Kentucky HealthCare. Dr. Kapoor is an Associate Professor of Neurology and has been UCNS-certified in Headache Medicine since 2017. He was nominated by the subspecialty's co-sponsoring organizations, the American Headache Society and the AAN's Headache & Facial Pain Section.

#### **Neonatal Neurocritical Care Approved for UCNS Certification and Accreditation**

In August 2022, the UCNS announced approval of subspecialty recognition to accredit training programs and certify physicians for the neurologic subspecialty of Neonatal Neurocritical Care (NNCC). The UCNS Board of Directors approved the application for subspecialty recognition at its August 3, 2022, board meeting. The application was sponsored by The Newborn Brain Society.

The field of NNCC is a rapidly evolving subspecialty that provides complex diagnostic testing and prognostication required to care for the neurologically compromised maternal/fetal dyad, preterm, or term newborn, and the developing child after discharge from the Neonatal Intensive Care Unit.

The NNCC program requirements were completed and subspecialty fellowship accreditation applications became available in June 2023. The first certification examination is scheduled to take place in the fall of 2024.

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

UCNS launched certification and accredication for the subspecialty of Interventional Neurology (IN). In the inaugural year, 38 physicians passed the UCNS 2022 IN certification Examination and now hold the distinction of being UCNS Diplomates. Two IN fellowship programs were accredited in the spring of 2022 with an additional four programs earning accreditation status in the fall application cycle for a total of six newly accredited programs.

## **Neurologic Subspecialty Updates Reveal Growth Trends**

Because the UCNS provides both accreditation and certification for emerging neurologic subspecialties, the organization 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 2022 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 provide a means of tracking data of importance and interest to the success of the organization.

The target goals for the number of accredited programs, certification applications, and total diplomates maintaining certification are consistent with the approved 2022 operating budget. Overall, the UCNS exceeded all established targeted measures of success for the established goals.

UCNS Ongoing Goals	2022 Goals	2022 Yr End
Increase number of UCNS accredited programs		
Number of new program accreditation applications received	8	15
Number of accredited programs	226	234
Available UCNS fellowship spots	412	412
Percentage of UCNS fellowships filled	54%	55%
Increase number of UCNS certified diplomates		
Number of certification applications received	165	252
New Diplomates	150	234
Certification Exam % of Candidates Passed^	90%	95%
C-cert Quiz Average Score on First Quiz Attempt	87%	84.88%
Number of diplomates retained - Certified Meeting 2021/2022 Requirements + new diplomates	2,341	2,679
Number of diplomates retained - Certified Not Meeting 2022		
Requirements	420	455
Diplomates - Total Not Certified (not meeting req x 2 Yrs)	<390>	<139>
Diplomates - Net Total Certified (meeting req +not meeting req)	2,761	3,134
Meet or exceed annual budget		
Net operating surplus (loss)	\$0	\$186,901

## **Financial Update**

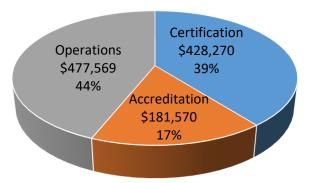
The UCNS ended 2022 in a strong financial position with a surplus that exceeded expectations due to certification examination applications, accreditation applications, and C-cert annual fee payments received coming in ahead of budget. Budgeted expenses were reduced by changing two scheduled inperson certification examination committee meetings to a virtual format, which eliminated travel-related expenses. The larger than projected surplus of funds will ensure the stability of the organization to support current and future neurologic subspecialties, training programs, and diplomates, and withstand the unknown long-term impact of competing certification and accreditation opportunities for the subspecialty of Neurocritical Care.

The year ended with an increase in net assets of \$213,191 for total net assets of \$2,388,700. The financial and Form 990 reports are available on the UCNS website.





## 2022 Expenses by Program Area



#### **Accreditation**

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

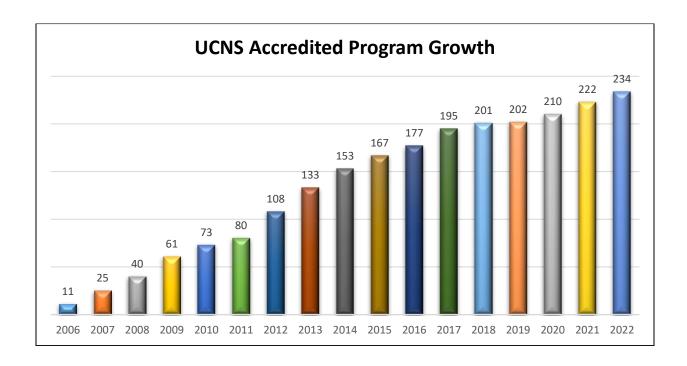
UCNS-accredited training programs submit annual reports that provide valuable insight into the programs with up-to-date information relating to the number of fellowship program spots available and the percentage of fellowship openings filled within each subspecialty. All annual reports and fellow survey results are summarized in the comprehensive 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. UCNS will work with representatives of IN, to draft its subspecialty-specific milestones. All completed milestones may be found on the Accreditation page of the UCNS website.

#### **Continued Growth in Fellowship Programs Seeking UCNS-Accreditation**

During 2022, 15 subspecialty fellowship programs attained accreditation status, bringing the total number of UCNS-accredited training programs to 234. The 2022 UCNS Accreditation Annual Report provides additional summary information of program status, growth, and fellow evaluation results.



Accredited Program Growth Trends by Subspecialty							
Subspecialty	2016	2017	2018	2019	2020	2021	2022
Neurocritical Care	61	68	69	69	73	76	75
Headache Medicine	34	39	42	43	45	46	51
Behavioral Neurology &							
Neuropsychiatry	34	34	35	37	37	44	46
Neuro-oncology	27	31	34	35	36	37	36
Clinical Neuromuscular Pathology	6	6	6	6	6	6	6
Autonomic Disorders	5	5	5	4	5	5	6
Neuroimaging	5	5	5	4	4	4	4
Geriatric Neurology	3	5	5	4	4	4	4
Interventional Neurology	n/a	n/a	n/a	n/a	n/a	n/a	6
Neural Repair and Rehabilitation	2	2	0	0	0	0	0
TOTALS	177	195	201	202	210	222	234

Accreditation
Application
Deadlines:

January 31
Spring review

July 31
Fall review

### Certification

#### **Certification for Interventional Neurology Launches**

The inaugural UCNS IN Certification Examination took place in November 2022. A total of 38 physicians passed the subspecialty's UCNS certification examination and now hold the distinction of being UCNS Diplomates. The next certification examination will take place in 2024.

#### **2022 Certification Examination Interest Exceeds Expectations**

Certification applications came in ahead of projections for the four certification examinations offered in 2022, resulting in 234 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.

2022 Subspecialty Certification Examinations						
Subspecialty	Cert Apps Approved Candidates Passed/ New Diplomates			% of Candidates Passed		
Interventional Neurology	32	31	38*	100%		
Headache Medicine	139 137 132 99%					
Behavioral Neurology & Neuropsychiatry 72 70 55 82%						
Autonomic Disorders	9	9	9	100%		
Totals	252	247	234	95%		
*Includes certification of examination committee members via essay exam (no applications)						

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

UCNS Diplomate Year-End Totals by Subspecialty							
Subspecialty	2016	2017	2018	2019	2020	2021	2022
Neurocritical Care	1,240	1,374	1,337	1,490	1,486	1,336	1,305
Headache Medicine	523	484	570	588	706	633	744
Behavioral Neurology & Neuropsychiatry	403	382	407	421	475	416	455
Neuro-oncology	207	240	236	285	284	301	294
Clinical Neuromuscular Pathology	43	59	59	68	69	78	70
Autonomic Disorders	38	37	48	48	56	53	62
Neuroimaging	180	206	187	218	216	163	158
Geriatric Neurology*	18	18	18	18	11	0	0
Interventional Neurology	n/a	n/a	n/a	n/a	n/a	n/a	38
Neural Repair and Rehabilitation*	23	23	23	23	22	22	8
TOTALS	2,675	2,823	2,885	3,159	3,325	3,002	3,134

<sup>\*</sup> Final Geriatric Neurology certificates sunset in 2021; Neural Repair and Rehabilitation certificate sunset period ends in 2024. UCNS certification is no longer offered in these two subspecialties.

## **C-Cert Activities Provide Added Value of CME Credits for Diplomates**

UCNS C-cert activities were again approved for *AMA PRA Category 1 credits*<sup>™</sup> and American Board of Psychiatry and Neurology (ABPN) Self-Assessment (SA) credits upon completion of the UCNS C-cert activities. ABPN approved the 2022 and 2023 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 have the opportunity to earn up to 15 ABPN SA credits in addition to up to 15 *AMA PRA Category 1*™ credits each year for meeting the 2022 and 2023 UCNS C-cert requirements.

## **Diplomates Provide Post-Activity Feedback on C-cert Experience**

Diplomates complete a C-cert post-activity online evaluation after they pass and review their quiz results. A total of 86% of the evaluation respondents indicated the information learned in the C-cert activity would result in a change in their practice. On a scale of 1-5 with five being excellent, diplomates rated their C-cert learning and assessment experience in the very good to excellent range:

- 4.16 = activity achieved the learning objectives
- 4.23 = assessment performance feedback
- 4.24 = clinical relevance of the journal article content
- 4.03 = guiz assessed their knowledge of the article content

The evaluation outcomes, comments, and suggestions submitted 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 the diplomate experience.

#### **Retention of Diplomates Remains Strong Under C-cert Program**

Retention of diplomates with the transition to C-cert exceeded expectations with a total of 96% of all UCNS diplomates maintaining their certification. There were 2,679 diplomates who ended the year with a "Certified – Meeting Requirements" status and 455 diplomates who remain certified but have outstanding requirements at year-end with a status of "Certified – Not Meeting Requirements" for a total of 3,134 certified diplomates at the end of 2022.

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 subject matter, which focuses on the new research and guidelines in their subspecialty field. Diplomates who do not meet requirements for two consecutive years are no longer considered certified.

Year-End Diplomate C-cert Summary by Subspecialty						
Subspecialty	2021 YE Total Dips	Retention of 2021 Dips YE 2022	% of Dips Mtg all C-cert Req YE 2022	2022 YE Total Dips*		
Autonomic Disorders	53	98%	83%	61		
Behavioral Neurology & Neuropsychiatry	416	96%	81%	456		
Clinical Neuromuscular Pathology	78	90%	76%	70		
Headache Medicine	632	97%	85%	744		
Interventional Neurology	n/a	n/a	n/a	38		
Neurocritical Care	1,336	98%	81%	1,305		
Neuroimaging	164	96%	78%	158		
Neuro-oncology	301	98%	83%	294		
Neural Repair & Rehabilitation	22	n/a	n/a	8		
Totals	3,002	96%	81%	3,134		
*2022 year-end total diplomate total includes new diplomates certified in 2022.						

2022 C-cert Quiz Overview by Subspecialty						
Subspecialty	Total Diplomates Passed Quiz	Average % Score on First Attempt	Average Quiz Completion Time on First Attempt (minutes)	Average CME Credit Hours Claimed		
Autonomic Disorders	30	84.36	53.56	12.32		
Behavioral Neurology & Neuropsychiatry	324	91.54	56.17	12.87		
Clinical Neuromuscular Pathology	47	90.59	46.80	12.28		
Headache Medicine	527	79.65	58.89	12.53		
Neurocritical Care	1070	82.63	57.55	12.96		
Neuroimaging	116	73.87	58.64	13.69		
Neuro-oncology	236	95.56	42.15	10.43		
Totals	2350	85.46%	53.39	12.44		

## **Looking Ahead to 2023**

The UCNS will launch the Neonatal Neurocritical Care accreditation and certification opportunities in 2023. The subspecialty designated subject matter experts have worked diligently 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. The C-cert process for maintaining UCNS certification is now firmly established, and a comprehensive survey will be done in 2023 to obtain diplomate feedback to ensure the continuous evaluation and improvement of all UCNS programs. The Board of Directors, which includes representation from each subspecialty and the leading organizations in the field of neurology, will continue to provide organizational leadership and oversight to ensure that the UCNS continues to be 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

Additional comprehensive detailed reports relating to accreditation, certification, and financial information can be found at www.ucns.org/AnnualReports.

Get recent news and announcements relating to UCNS neurologic subspecialty accreditation and certification.

# **UCNS Update**

A monthly e-newsletter

at

**UCNS.org/News** 

Email ucns@ucns.org to be added to email list.



## **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 the 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.

If you are interested in sharing your time and expertise to serve on a UCNS committee, view Volunteer Opportunities and information at www.ucns.org/volunteer.

## 2022/2023 UCNS Board of Directors

2022/2023 OCNS Dodia of Directors				
Parent Organization Directors	Parent Organizations			
Chair:	AUPN			
Lawrence Wechsler, MD	AUPN			
University of Pennsylvania Medical School				
Vice Chair:				
Salvador Cruz-Flores, MD, MPH	ANA			
Texas Tech University Health Sciences Center El Paso				
Secretary/Treasurer:	PECN			
Margie A. Ream, MD, PhD	FECIN			
The Ohio State University, Nationwide Children's Hospital				
Amaal Starling, MD, PhD	AAN			
Mayo Clinic Scottsdale	AAN			
Nancy Bass, MD	CNS			
Children's Wisconsin				
Subspecialty Voting Member Directors	Subspecialty/ Sponsoring Organization			
C. Alan Anderson, MD	Subspecialty:			
University of Colorado School of Medicine	Behavioral Neurology & Neuropsychiatry			
	Sponsoring Organizations:			
	American Neuropsychiatric Association			
	Society for Behavioral & Cognitive Neurology			
Joseph Masdeu, MD	Subspecialty:			
Houston Methodist Hospital	Neuroimaging			
	Sponsoring Organization:			
	American Society of Neuroimaging			
Angela Hays Shapshak, MD	Subspecialty:			
University of Alabama Birmingham	Neurocritical Care			
	Sponsoring Organizations:			
	Neurocritical Care Society			
	AAN Critical Care and Emergency Neurology			
	Section			
Amy Sanders, MD, PhD	Subspecialty:			
Hartford HealthCare Medical Group	Geriatric Neurology			
	Sponsoring Organization:			
	AAN Geriatric Neurology Section			

Subspecialty Non-Voting Representatives	Sponsoring Organization/Subspecialty			
Amanda C. Peltier, MD, MS Vanderbilt University	Subspecialty: Autonomic Disorders Sponsoring Organizations: American Autonomic Society			
Siddarth Kapoor, MD, MBA University Of Kentucky College of Medicine	AAN Autonomic Disorders Section  Subspecialty:  Headache Medicine  Sponsoring Organizations:  AAN Headache Medicine Section			
Tahseen Mozafar, MD University Of California, Irvine	American Headache Society  Subspecialty: Clinical Neuromuscular Pathology  Sponsoring Organization: AAN Neuromuscular Section			
Gustavo J. Rodriguez, MD Texas Tech University Health Sciences Center of El Paso	Subspecialty: Interventional Neurology Sponsoring Organization: International Society for Interventional Neurology			
Justin Jordan, MD, MPH Massachusetts General Hospital	Subspecialty: Neuro-oncology Sponsoring Organization: AAN Neuro-oncology Section			
Ex-Officio Non-voting Directors, and Liaisons	Organization			
Steven L. Lewis, MD Lehigh Valley Health Network	ABPN			
Katie Fernstaedt Executive Director Association of University Professors of Neurology	AUPN			
Nadine Goldberg, PhD, MS Executive Director American Neurological Association	ANA			
Monique Terrell Executive Director Child Neurology Society/Professors & Educators of Child Neurology	CNS PECN			
Mary Post, MBA, CAE Chief Executive Officer American Academy of Neurology	AAN			

## **2022/2023 UCNS Councils**

Council members are nominated by the Parent Organizations.

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
Deborah Young Bradshaw, MD	
Upstate University Hospital	
Rohit R. Das, MD	
UT Southwestern Medical Center	411041
Managarat M. Savarda ara DO	AUPN
Margaret M. Swanberg, DO	
Uniformed Services University of the Health Sciences	
Karen Ballaban-Gil, MD (PECN/CNS)	
Montefiore Medical Center	DECN
David Urion, MD	PECN
Boston Children's Hospital	
Yasmin Khakoo, MD	
Memorial Sloan Kettering Cancer Center	CNS
Accreditation Council	Parent Organization
James Owens, MD (Chair)	Ţ.
Seattle Children's	PECN
Katherine Peters, MD, PhD (Vice Chair)	
Duke University Medical Center	
Duke offiversity Wedical Center	AAN
Hope O'Brien, MD, MBA	AAN
University of Cincinnati	
Gustavo J. Rodriguez, MD	
Texas Tech University Health Sciences Center of El Paso	
	ANA
J. Ricardo Carhuapoma, MD	
Johns Hopkins Hospital	
Alexander Auchus, MD	
University of Mississippi Medical Center	
	AUPN
Sanjay P. Singh, MD	
Creighton University School of Medicine	
Christopher Oakley, MD	
· · · · · · · · · · · · · · · · · · ·	CNS
Johns Hopkins Medicine	

## **2022/2023 Certification Examination Committees**

Committee members are nominated by their respective subspecialty sponsoring organization(s).

#### **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
Melissa Cortez, DO, University of Utah
Elisabeth Golden, MD, UT Southwestern
Srikanth Muppidi, MD, Stanford Neuroscience Health Center
Amanda Peltier, MD, Vanderbilt University Medical Center
Nathaniel Robbins, MD, Dartmouth-Hitchcock/Mary Hitchcock Memorial Hospital
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
Samantha K. Holden, MD, MS, University of Colorado School of Medicine
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 Ahmed Mohamed Attia El-Dokla, MD, SUNY Upstate Medical University Rocio Carolina Garcia Santibanez, MD, Emory Healthcare Raghav Govindarajan, MD, St. Elizabeth Medical Group Mohamed Kazamel, MD, University of Alabama at Birmingham Shalini 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, University of Pittsburgh Medical Center
Thomas Berk, MD, Neura Health
Debra G. Davis, MD, LSU Health
P. Christopher H. Gottschalk, MD, Yale Neurology Group
Stephanie J. Nahas, MD, Thomas Jefferson University
Christopher B. Oakley, MD, Johns Hopkins University
Nina Riggins, MD, University of California San Diego
Jelena M. Pavlovic, MD, PhD, Montefiore Headache Center
Hossein Ansari, MD, Kaizen Brain 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

#### **Neonatal Neurocritical Care**

Christopher D. Smyser, MD, Chair, Washington University School of Medicine Alexa K. Craig, MD, MsC, MS, Vice Chair, Harvard Medical School Catherine J. Chu, MD, Harvard Medical School Dawn L. Gano, MD, MAS, University of California, San Francisco Terrie E. Inder, MD, Brigham and Women's Hospital Sarah B. Mulkey, MD, PhD, Children's National Hospital Andrea C. Pardo, MD, Northwestern University Feinberg School of Medicine Anna A. Penn, MD, PhD, Columbia University Mark S. Scher, MD, University Hospitals Case Medical Center Emily Wing Tun Tam, MD, University of California, San Francisco Charu Ventkatesan, MD, PhD, Cincinnati Children's Hospital Michael D. Weiss, MD, UF Health Shands Children's Hospital

#### **Neurocritical Care**

Marin Darsie, MD, Chair, University of Wisconsin
Bradley Dengler, MD, Vice Chair, Walter Reed National Military Medical Center
Wan Tsu Wendy Chang, MD, University of Maryland School of Medicine
Ivan Rocha Ferreira da Silva, MD, PhD, Rush University 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
Jennifer W. McVige, MD, Vice Chair, Dent Neurologic Institute
John Y. Choi, MD, PhD, Walter Reed National Military Medical Center
Carmel Armon, MD, MHS, Tel Aviv University Sackler School of Medicine
Dimitrios Giannakidis, MD, Sutter West Bay Medical Group
Alireza Faridar, MD, Houston Methodist Neurological Institute
Gregory Kapinos, MD, MS, NYC Health + Hospitals / Elmhurst
Mohammad Obadah Nakawah, MD, Houston Methodist Neurological Institute
Gustavo Rodriguez, MD, Paul L. Foster School of Medicine
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