



2024

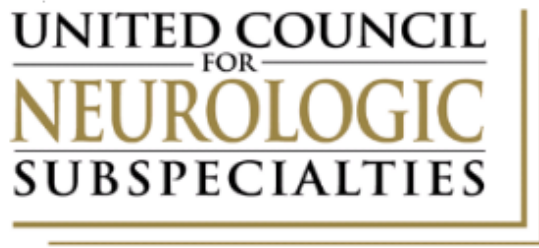
Neurologic Subspecialty Updates

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 credibility and grow.



NEUROLOGIC SUBSPECIALTY UPDATES 2024

The information enclosed provides an overview of the accreditation and certification status of the following neurologic subspecialties recognized by the United Council for Neurologic Subspecialties (UCNS) as of December 31, 2024:

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

As of year-end 2024, there are 3,339 UCNS-certified diplomates and 245 accredited training programs. Full listings of diplomates and training programs can be found in the online [Fellowship Directory](#) and [Diplomate Directory](#) at www.ucns.org.



2024 Subspecialty Status Update

Autonomic Disorders

Introduction

Since 2009, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Autonomic Disorders (AD). Below is an update on the status of the subspecialty.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2012	Lost Since 2012	Current Total	Graduates Since 2012	UCNS Certified
2012	10	4	6	18	8

Fellow Primary Specialty and Certification

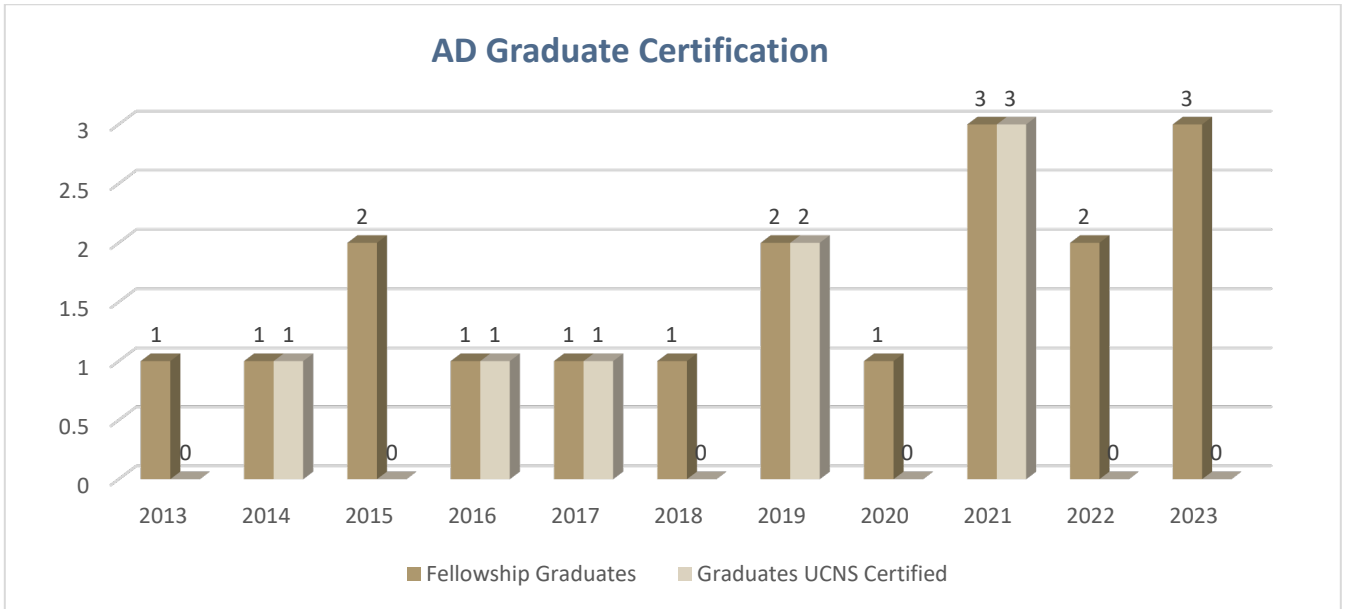
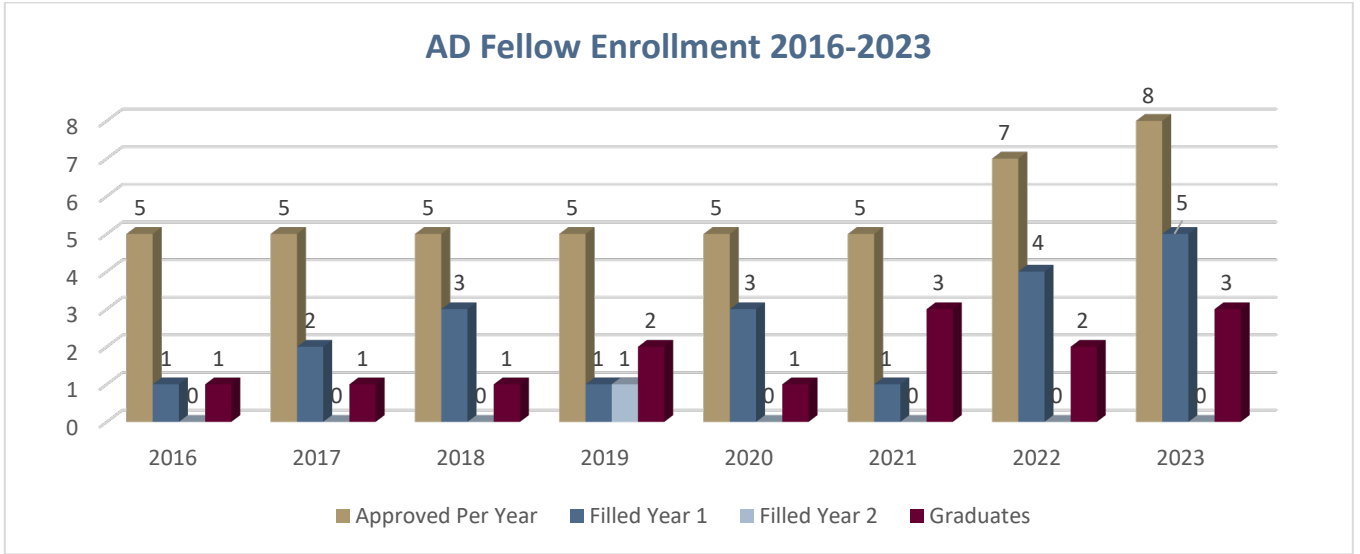
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Cardiology	1	ABMS	16
Family Medicine	1	Other	1
Internal Medicine	3	No	1
Neurology	13		

UCNS-Accredited Fellowship Programs by Subspecialty

(As of 12/31/24)

Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

The following charts demonstrate program information for 2022-2023 enrollment information for programs currently accredited as of June 1, 2023.



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPS). The UCNS Autonomic Disorders certification examinations are offered biennially in even-numbered years.

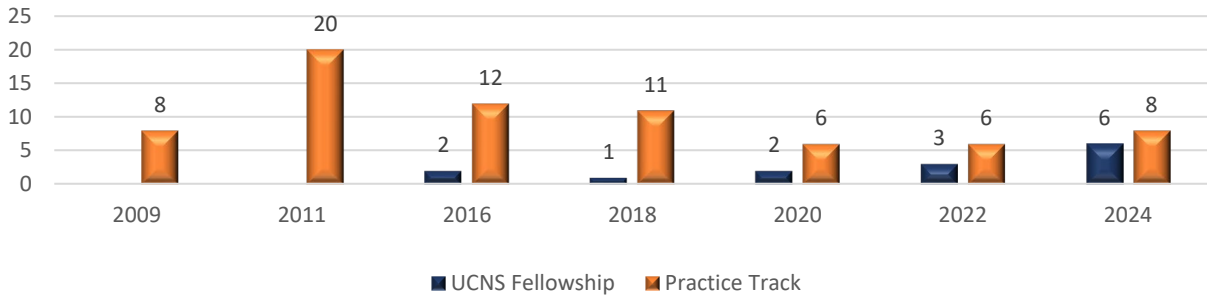
Diplomates

- 71 certified Autonomic Disorders diplomates
- Certification eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next UCNS Autonomic Disorders Certification Examination: December 7-11, 2026

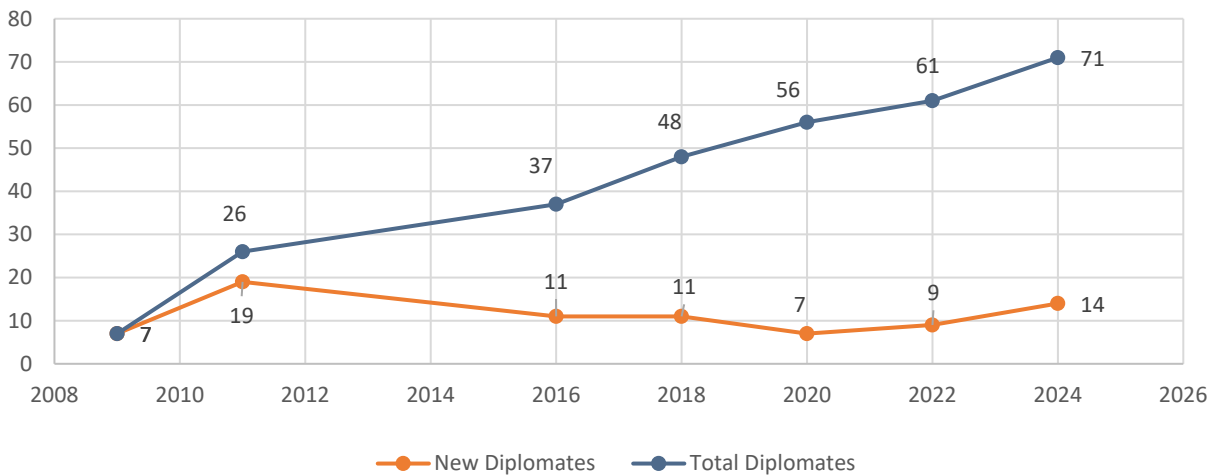
2024 Year-End Diplomat Counts by Subspecialty

Subspecialty	2019 Yr End Diplomates	2020 Yr End Diplomates	2021 Yr End Diplomates	2022 Yr End Diplomates	2023 Yr End Diplomates	2024 Yr End Diplomates
Neurocritical Care	1,490	1,486	1,336	1,304	1,296	1,269
Headache Medicine	588	706	632	744	729	843
Behavioral Neurology & Neuropsychiatry	421	475	416	459	439	495
Neuro-oncology	285	284	301	294	332	333
Neuroimaging	218	216	164	158	156	149
Clinical Neuromuscular Pathology	68	69	78	70	73	72
Autonomic Disorders	48	56	53	62	59	71
Interventional Neurology	n/a	n/a	n/a	38	38	63
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	n/a	44
Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339

Autonomic Disorders Certification Exam Application Pathway Trends



Autonomic Disorders Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Autonomic Disorders	2016	100%	90%
	2018	100%	100%
	2020	100%	83%
	2022	100%	100%
	2024	100%	100%

Continuous Certification (C-cert)

The annual **continuous certification (C-cert) process** provides diplomates with a relevant, effective, timely, and convenient way to meet the needs of lifelong learning and self-assessment. Diplomates must meet annual maintenance of certification (MOC) requirements for C-cert.

2024 C-cert Activity Outcomes (As of 12/31/24)				
Subspecialty	2024 Total Diplomates Passed Quiz	2024 Average % Score on First Attempt	2024 Average Quiz Completion Time on First Attempt (minutes)	2024 Average CME Credit Hrs Claimed (Max=15)
Autonomic Disorders	37	84.62	52.86	12.3
Behavioral Neurology & Neuropsychiatry	376	89.17	61.6	12.55
Clinical Neuromuscular Pathology	51	92.38	56.62	12.3
Headache Medicine	631	86.15	59.17	12.7
Interventional Neurology	22	82.61	47.08	14.8
Neurocritical Care	1,073	82.28	52.93	13.2
Neuroimaging	104	73.15	62.57	13.6
Neuro-oncology	275	92.93	49.81	10.6
Totals	2,569	85.24%	55.81	12.72

2024 Certification Status Summary							
Subspecialty	New 2024 Dips	Diplomates Meeting 2024 Req	Diplomates Not Mtg 2024 Req	Diplomates Not Mtg 2023 & 2024 Req (certification discontinuation)	Diplomates Retired or Deceased	2024 Yr End Total Diplomates	% of Total 2023 Diplomates Retained
Autonomic Disorders	14	48	9	-4	0	71	95%
Behavioral Neurology & Neuropsychiatry	58	388	49	-12	-1	495	97%
Clinical Neuromuscular Pathology	0	65	7	-2	-1	72	96%
Headache Medicine	126	647	70	-17	-1	843	98%
Interventional Neurology	25	34	4	-1	0	63	97%
Neonatal Neurocritical Care	44	n/a	0	0	0	44	n/a
Neurocritical Care	0	1,092	177	-49	-3	1,269	96%
Neuroimaging	0	117	32	-13	0	149	92%
Neuro-oncology	0	290	43	-4	0	333	99%
Neural Repair and Rehabilitation	0	0	0	0	-8	0	n/a
Totals	267	2,681	391	-102	-14	3,339	96%

Subspecialty Sponsoring Organizations

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty representative volunteers.

- American Autonomic Society
- American Academy of Neurology on behalf of the Autonomic Nervous System Section Community

2024/2025 UCNS Board of Directors Representative

- Amanda Peltier, MD, Vanderbilt University Medical Center

2024/2025 Certification Examination Committee

- Elizabeth Coon, MD, Chair, Mayo Clinic Rochester
 - Satish R. Raj, MD, MSCI, Vice Chair, University of Calgary
 - Meredith Bryarly, MD, UT Southwestern Medical Center
 - Gisela Chelimsky, MD, Virginia Commonwealth University
 - Melissa Cortez, DO, University of Utah
 - Elisabeth Golden, MD, UT Southwestern
 - Srikanth Muppidi, MD, Stanford Neuroscience Health Center
 - Nathaniel Robbins, MD, Mass General Brigham
 - Kamal Shouman, MD, Mayo Clinic Rochester
 - Howard Snapper, MD, WellStar Medical Group
-

2024 Subspecialty Status Update

Behavioral Neurology & Neuropsychiatry

Introduction

Since 2006, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Behavioral Neurology & Neuropsychiatry (BNNP). An update on the status of BNNP is provided below.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2006	Lost Since 2006	Current Total	Graduates Since 2006	UCNS Certified
2006	54	8	46	337	213 <i>28 applications for 2024 exam</i>

Fellow Primary Specialty and Certification

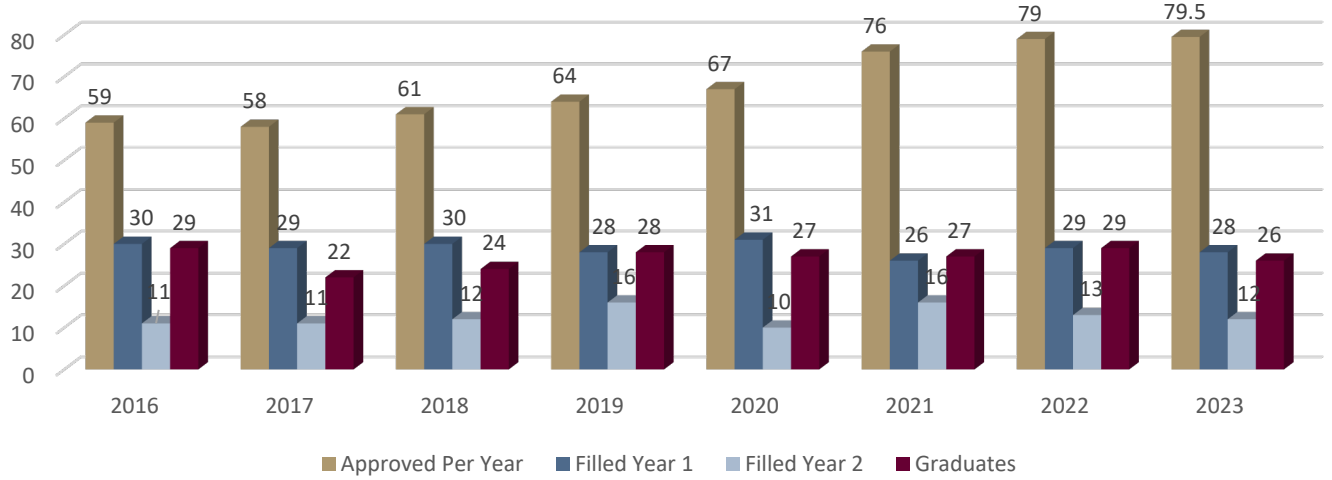
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Internal Medicine	4	ABMS	302
Internal Medicine/Geriatric Medicine	3	RCPSC	23
Internal Medicine/Psychiatry	1	AOA	1
Neurology	217	No	11
Neurology/Psychiatry	1		
Psychiatry	111		

UCNS-Accredited Fellowship Programs by Subspecialty

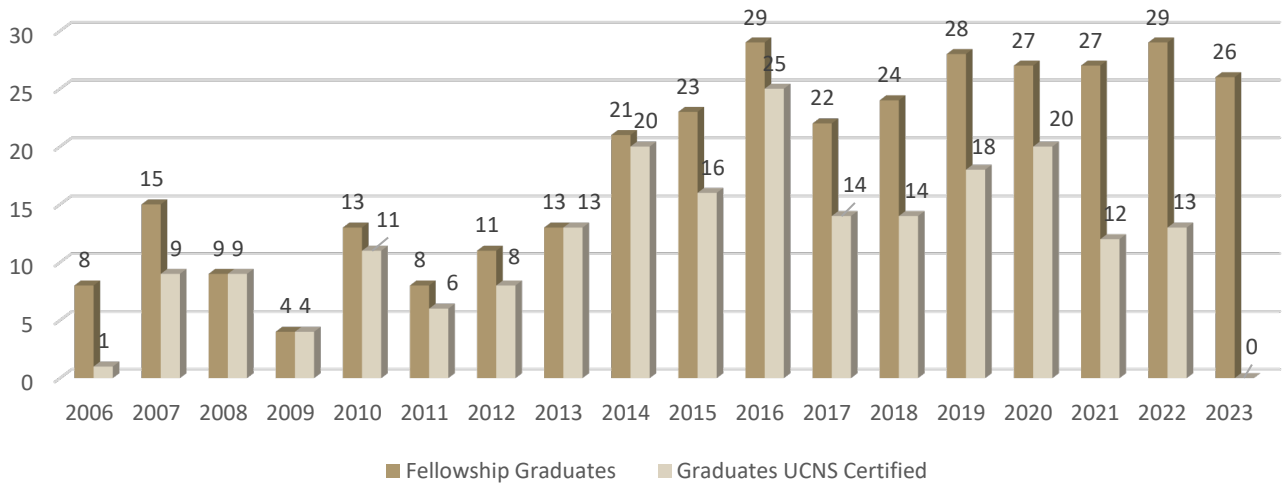
(As of 12/31/24)

Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

BNNP Fellow Enrollment 2016-2023



BNNP Graduate Certification



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC) in:

- Neurology
- Child Neurology
- Psychiatry

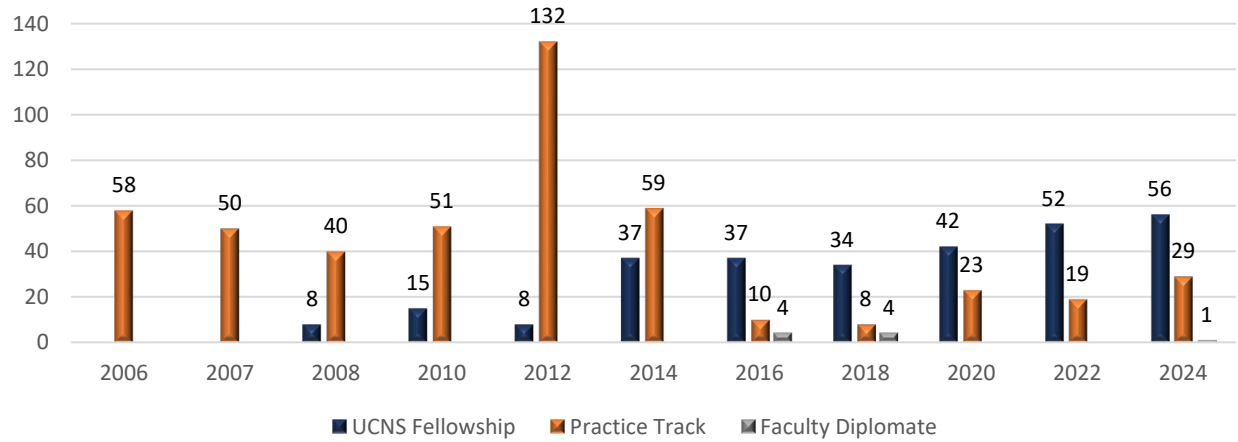
The UCNS Behavioral Neurology & Neuropsychiatry certification examinations are offered biennially in even-numbered years.

Diplomates

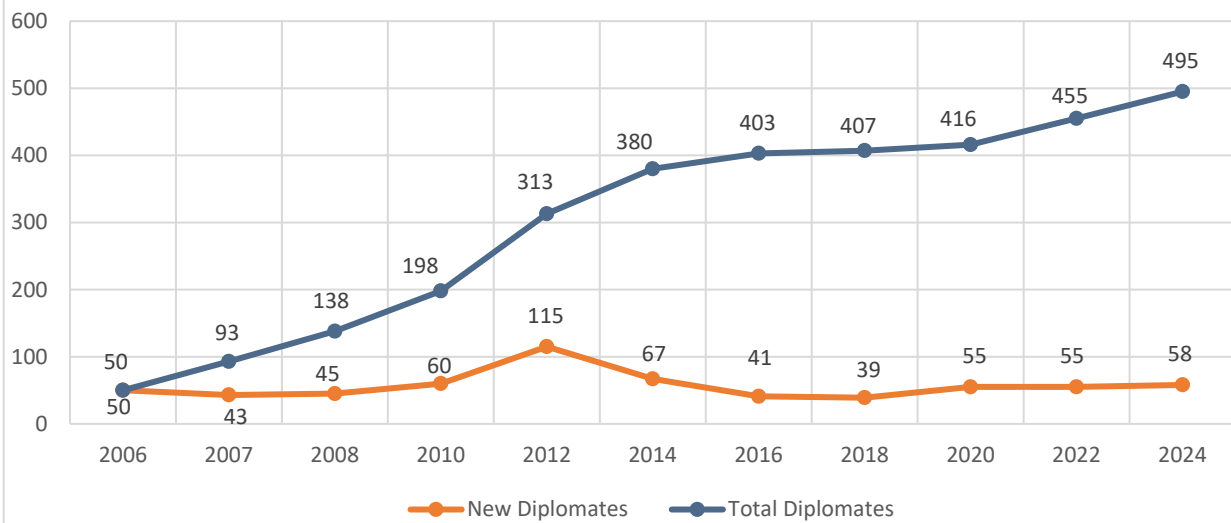
- 495 certified Behavioral Neurology & Neuropsychiatry diplomates
- Certification eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next Behavioral Neurology & Neuropsychiatry Certification Examination: November 16-20, 2026

2024 Year-End Diplomate Counts by Subspecialty						
Subspecialty	2019 Yr End Diplomates	2020 Yr End Diplomates	2021 Yr End Diplomates	2022 Yr End Diplomates	2023 Yr End Diplomates	2024 Yr End Diplomates
Neurocritical Care	1,490	1,486	1,336	1,304	1,296	1,269
Headache Medicine	588	706	632	744	729	843
Behavioral Neurology & Neuropsychiatry	421	475	416	459	439	495
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Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	n/a	44
Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339

Behavioral Neurology & Neuropsychiatry Certification Exam Application Pathway Trends



Behavioral Neurology & Neuropsychiatry Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Behavioral Neurology & Neuropsychiatry	2014	97%	61%
	2016	94%	50%
	2018	94%	60%
	2020	97%	85%
	2022	86%	72%
	2024	70%	76%

Continuous Certification (C-cert)

The annual **continuous certification (C-cert) process** provides diplomates with a relevant, effective, timely, and convenient way to meet the needs of lifelong learning and self-assessment. Diplomates must meet annual maintenance of certification (MOC) requirements for C-cert.

2024 C-cert Activity Outcomes (As of 12/31/24)				
Subspecialty	2024 Total Diplomates Passed Quiz	2024 Average % Score on First Attempt	2024 Average Quiz Completion Time on First Attempt (minutes)	2024 Average CME Credit Hrs Claimed (Max=15)
Autonomic Disorders	37	84.62	52.86	12.3
Behavioral Neurology & Neuropsychiatry	376	89.17	61.6	12.55
Clinical Neuromuscular Pathology	51	92.38	56.62	12.3
Headache Medicine	631	86.15	59.17	12.7
Interventional Neurology	22	82.61	47.08	14.8
Neurocritical Care	1,073	82.28	52.93	13.2
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Neuro-oncology	275	92.93	49.81	10.6
Totals	2,569	85.24%	55.81	12.72

2024 Certification Status Summary							
Subspecialty	New 2024 Dips	Diplomates Meeting 2024 Req	Diplomates Not Mtg 2024 Req	Diplomates Not Mtg 2023 & 2024 Req (certification discontinuation)	Diplomates Retired or Deceased	2024 Yr End Total Diplomates	% of Total 2023 Diplomates Retained
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Behavioral Neurology & Neuropsychiatry	58	388	49	-12	-1	495	97%
Clinical Neuromuscular Pathology	0	65	7	-2	-1	72	96%
Headache Medicine	126	647	70	-17	-1	843	98%
Interventional Neurology	25	34	4	-1	0	63	97%
Neonatal Neurocritical Care	44	n/a	0	0	0	44	n/a
Neurocritical Care	0	1,092	177	-49	-3	1,269	96%
Neuroimaging	0	117	32	-13	0	149	92%
Neuro-oncology	0	290	43	-4	0	333	99%
Neural Repair and Rehabilitation	0	0	0	0	-8	0	n/a
Totals	267	2,681	391	-102	-14	3,339	96%

Subspecialty Sponsoring Organizations

Subspecialty-specific sponsoring organizations are the source of nominations for all volunteer representatives.

- American Neuropsychiatric Association
- Society for Behavioral and Cognitive Neurology

2024/2025 UCNS Board of Directors Representative

- Vani Rao, MD, Johns Hopkins Bayview Medical Center

2024/2025 Certification Examination Committee

- James R. Bateman, III, MD, Chair, Wake Forest Baptist Medical Center
 - Lindsey Gurin, MD, Vice Chair, NYU Langone
 - Lealani Mae Acosta, MD, Vanderbilt University Medical Center
 - Jesse Michael Adams, MD, Seattle Neuropsychiatric Treatment Center
 - Samantha K. Holden, MD, University of Colorado School of Medicine
 - Robin A. Hurley, MD, W.G. Hefner VA Medical Center
 - Mandana Modirrousta, MD, PhD, Saint Boniface Hospital
 - Michael Schrift, DO, MA, University of Washington - Harborview Medical Center
 - Kyle Steinman, MD, MAS, University of Washington/Seattle Children's Hospital
 - Jonathan H. Woodcock, MD, University of Colorado – Anschutz Medical Campus
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2024 Subspecialty Status Update Clinical Neuromuscular Pathology

Introduction

Since 2013, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Clinical Neuromuscular Pathology (CNMP). The status of CNMP is provided below.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2013	Lost Since 2013	Current Total	Graduates Since 2013	UCNS Certified
2013	6	0	6	92	30

Fellow Primary Specialty and Certification

Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Child Neurology	1	ABMS	72
Neurology	89	RCPSC	6
Neurology/Pediatrics	1	No	14
Pediatrics	1		

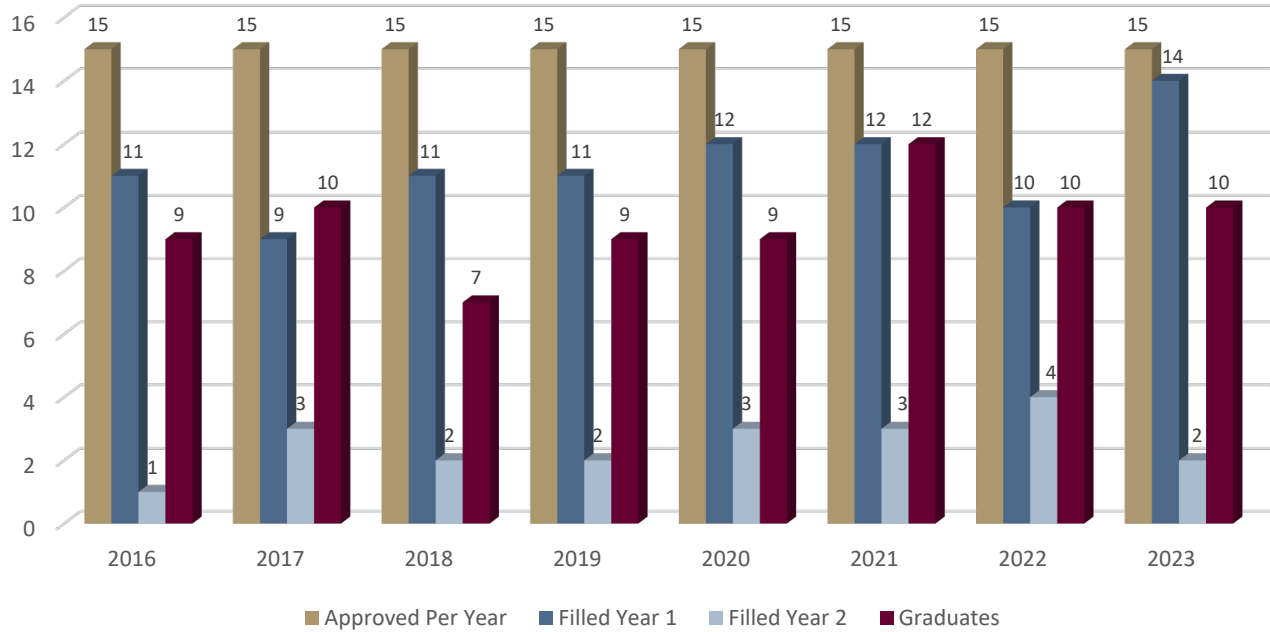
UCNS-Accredited Fellowship Programs by Subspecialty

(As of 12/31/24)

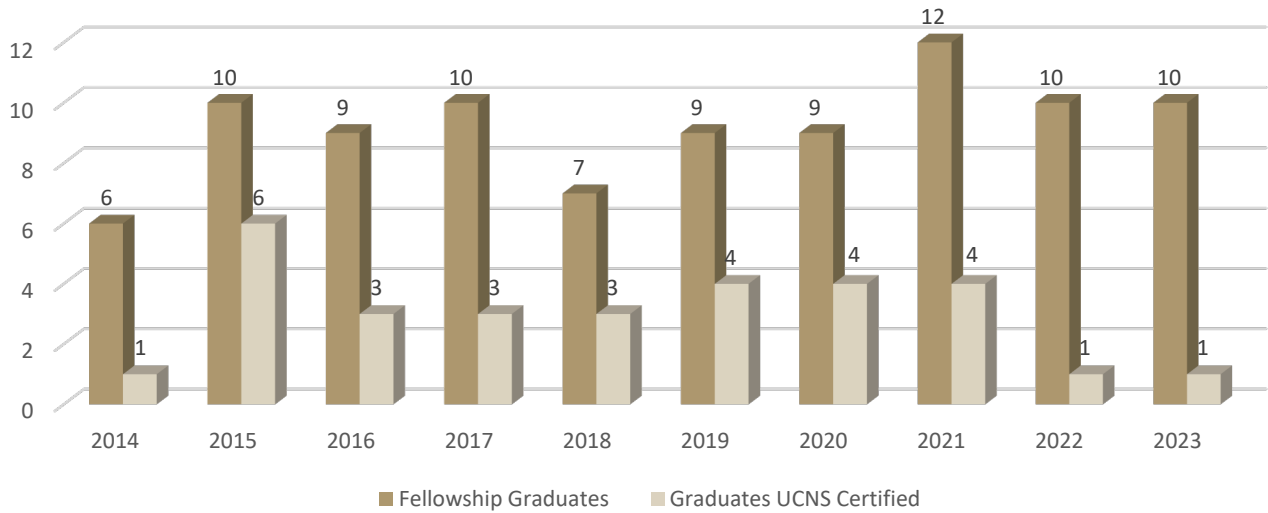
Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

The following charts demonstrate program information for 2022-2023 enrollment information for programs currently accredited as of June 1, 2023.

CNMP Fellow Enrollment 2016-2023



CNMP Graduate Certification



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons of Canada (RCPSC) in:

- Neurology
- Child Neurology
- Physical Medicine and Rehabilitation

The UCNS Clinical Neuromuscular Pathology certification examinations are offered biennially in odd-numbered years.

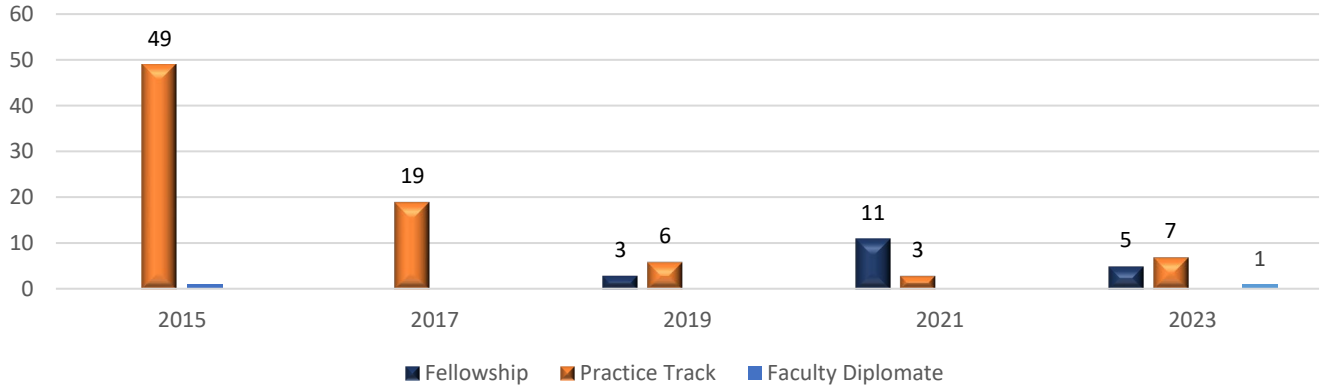
Diplomates

- 72 certified Clinical Neuromuscular Pathology diplomates
- Eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next Clinical Neuromuscular Pathology Certification Examination: October 20-24, 2025

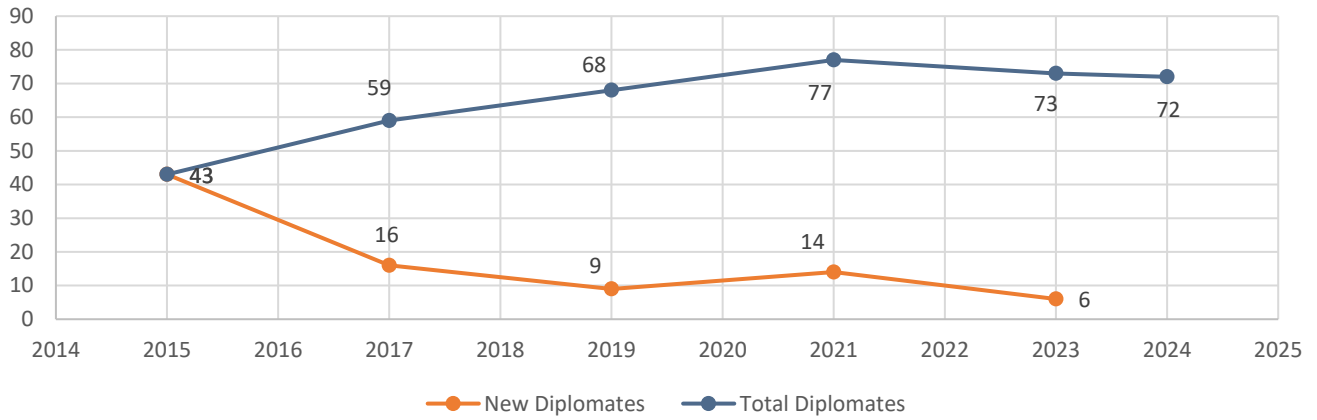
2024 Year-End Diplomat Counts by Subspecialty

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Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	n/a	44
Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339

Clinical Neuromuscular Pathology Certification Application Pathways



Clinical Neuromuscular Pathology Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Clinical Neuromuscular Pathology	2015	86%	94%
	2017	80%	100%
	2019	100%	100%
	2021	100%	100%
	2023	60%	29%

Continuous Certification (C-cert)

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2024 C-cert Activity Outcomes (As of 12/31/24)				
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Neonatal Neurocritical Care	44	n/a	0	0	0	44	n/a
Neurocritical Care	0	1,092	177	-49	-3	1,269	96%
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Neural Repair and Rehabilitation	0	0	0	0	-8	0	n/a
Totals	267	2,681	391	-102	-14	3,339	96%

Subspecialty Sponsoring Organization

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty volunteer representatives.

- American Academy of Neurology on behalf of the Neuromuscular Section Community

2024/2025 UCNS Board of Directors Representative

- Tahseen Mozaffar, MD, University of California - Irvine

2024/2025 Certification Examination Committee

- Mazen Mohammad Dimachkie, MD, Chair, University of Kansas Medical Center
 - Ahmed Mohamed Attia El-Dokla, MD, Vice Chair, NY Neuromuscular Healthcare
 - Anthony A. Amato, MD, Brigham and Women's Hospital
 - Suur Biliciler, MD, University of Texas Health Science Center
 - Robert C. Bucelli, MD, Washington University School of Medicine
 - Rocio Carolina Garcia Santibanez, MD, Emory Healthcare
 - Raghav Govindarajan, MD, St. Elizabeth Medical Group
 - Mohamed Kazamel, MD, University of Alabama at Birmingham
 - Michelle L. Mauermann, MD, Mayo Clinic Rochester
 - Margherita Milone, MD, PhD, Mayo Clinic Rochester
-



2024 Subspecialty Status Update

Geriatric Neurology

Introduction

Since 2009, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Geriatric Neurology. An update on the status of Geriatric Neurology is provided below.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2010	Lost Since 2010	Current Total	Graduates Since 2010	UCNS Certified
2010	7	3	4 <i>1 Inactive</i>	3	0 <i>No exam offered since fellows graduated</i>

Fellow Primary Specialty and Certification

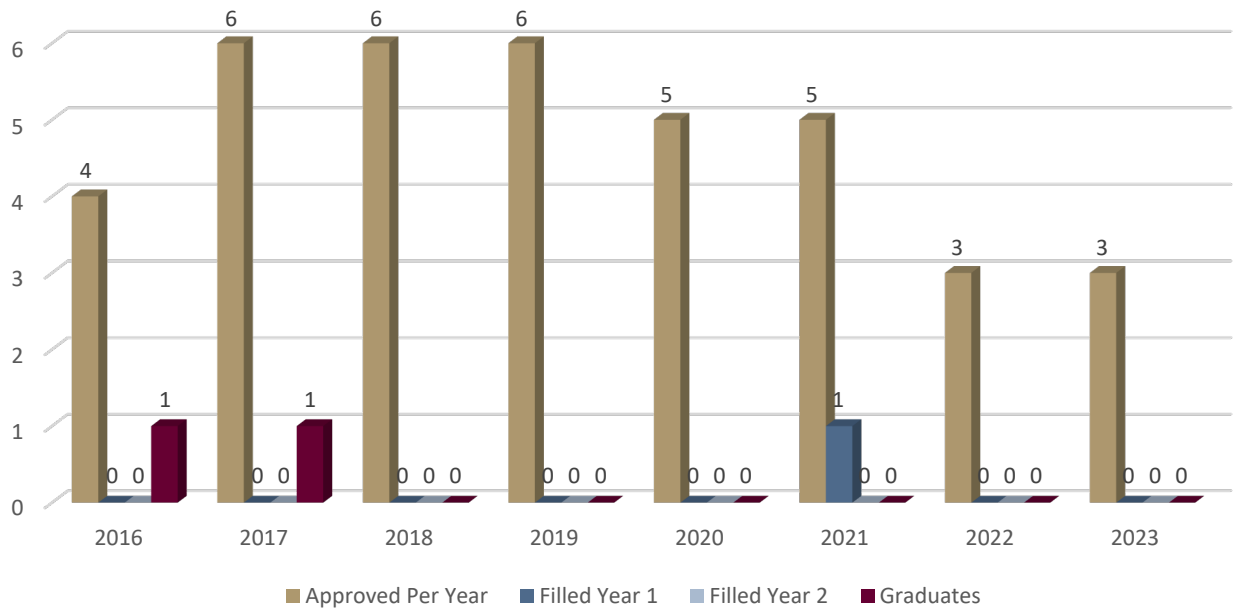
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Neurology	3	ABMS	3

UCNS-Accredited Fellowship Programs by Subspecialty

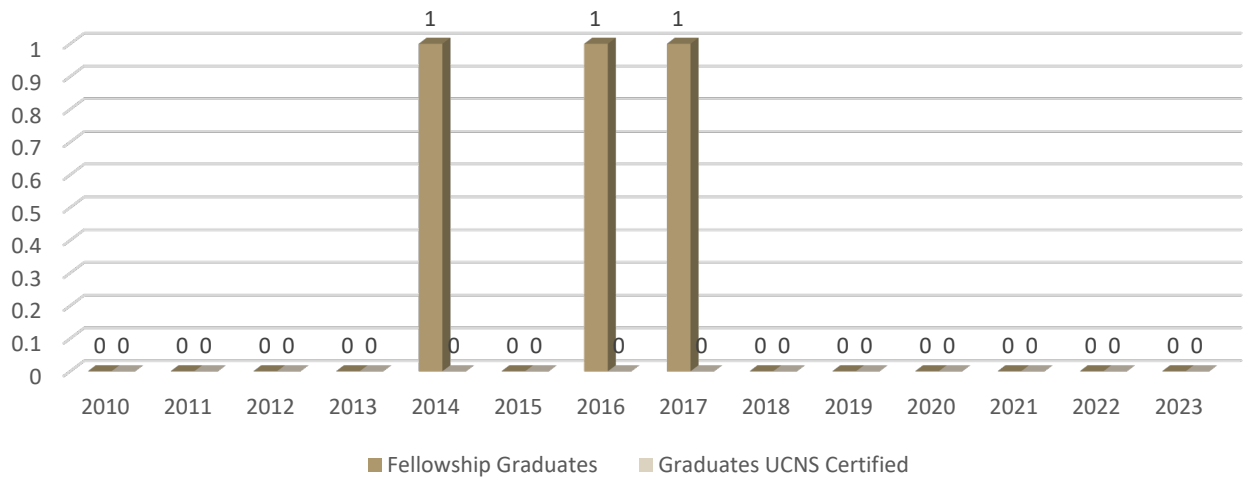
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Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	4
TOTALS	202	210	222	234	242	245

GN Fellow Enrollment 2016-2023



GN Graduate Certification



UCNS Certification

Effective 2019, certification examinations for Geriatric Neurology were discontinued due to low application numbers on previous examinations. Subspecialty is eligible to reapply to reinstate certification if sustainable growth is demonstrated.

Diplomates

- All remaining time-limited certificates expired in 2021.

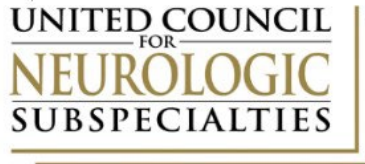
Subspecialty Sponsoring Organization

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty representative volunteers.

- American Academy of Neurology on behalf of the Geriatric Neurology Section Community

2023/2024 UCNS Board of Directors Representative

- Amy Sanders, MD, MS, TBMC, LLC
-



2024 Subspecialty Update Headache Medicine

Introduction

Since 2006, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Headache Medicine (HM). Below is an update on the status of HM.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2007	Lost Since 2007	Current Total	Graduates Since 2007	UCNS Certified
2007	65	7	58 <i>3 Inactive</i>	404	282 <i>54 applications for 2024 exam</i>

Fellow Primary Specialty and Certification

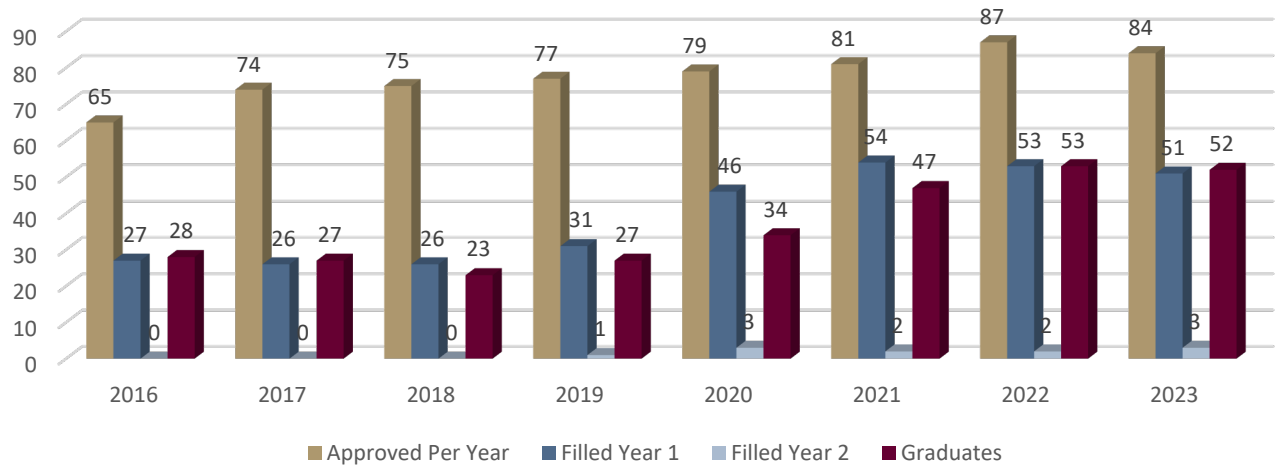
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Child Neurology	24	ABMS	372
Child Neurology/Pediatrics	1	RCPSC	8
Dentistry	1	AOA	5
Family Medicine	11	No	18
Internal Medicine	11		
Neurology	345		
Neurology/Pediatrics	1		
Ophthalmology	1		
Pediatrics	3		
Physical Medicine and Rehabilitation	3		
Psychiatry	2		

UCNS-Accredited Fellowship Programs by Subspecialty

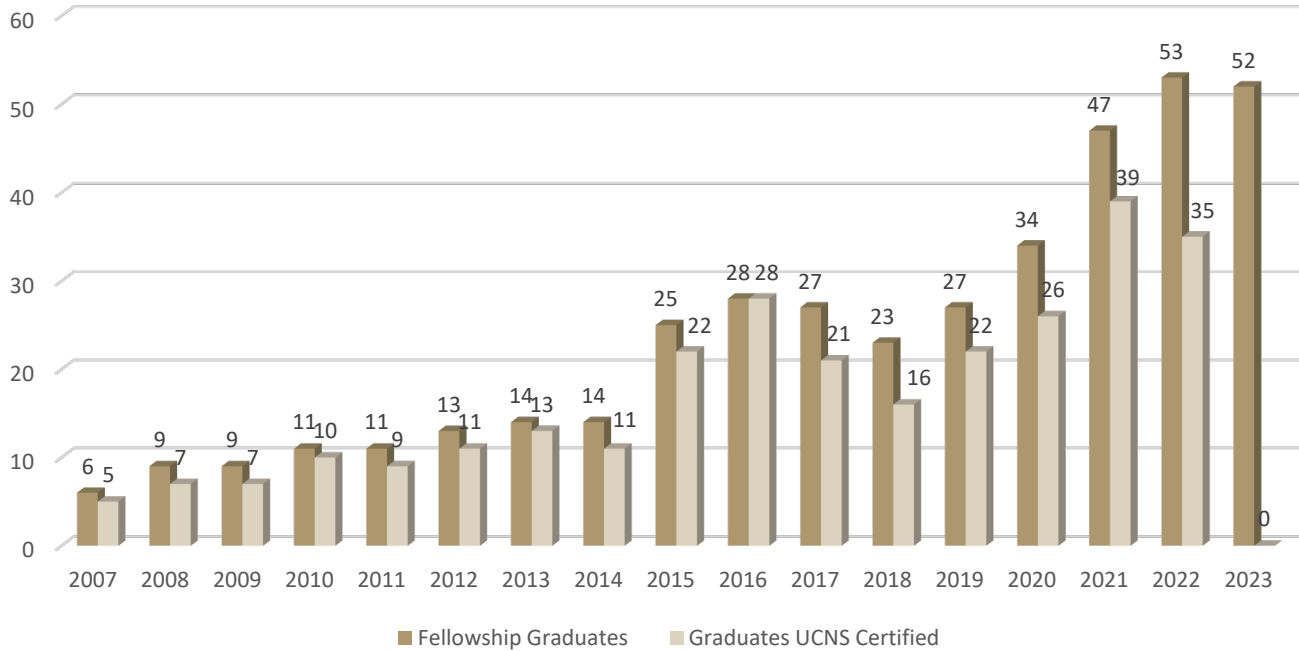
(As of 12/31/24)

Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

HM Fellow Enrollment 2016-2023



HM Graduate Certification



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPS). The UCNS Headache Medicine certification examinations are offered biennially in even-numbered years.

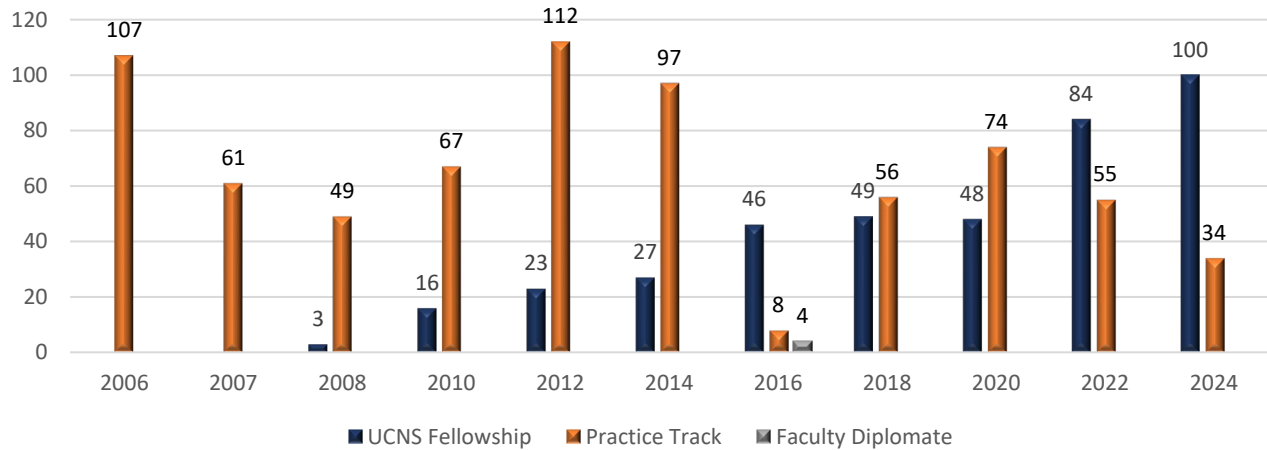
Diplomates

- 843 certified Headache Medicine diplomates
- Eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next Headache Medicine Certification Examination: October 19 – 23, 2026

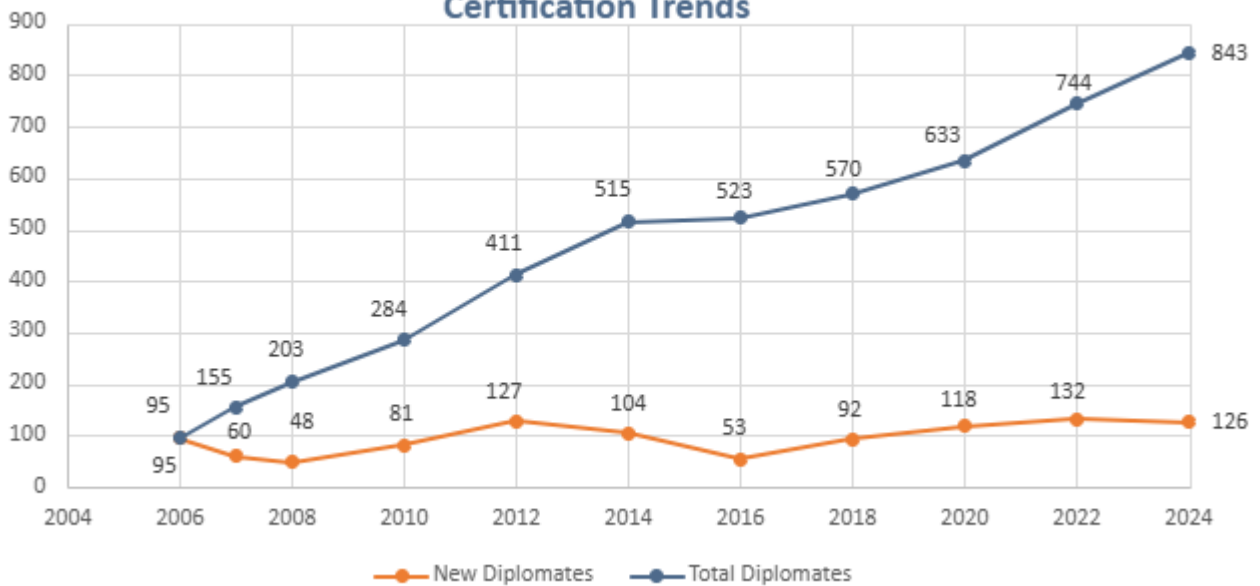
2024 Year-End Diplomat Counts by Subspecialty

Subspecialty	2019 Yr End Diplomates	2020 Yr End Diplomates	2021 Yr End Diplomates	2022 Yr End Diplomates	2023 Yr End Diplomates	2024 Yr End Diplomates
Neurocritical Care	1,490	1,486	1,336	1,304	1,296	1,269
Headache Medicine	588	706	632	744	729	843
Behavioral Neurology & Neuropsychiatry	421	475	416	459	439	495
Neuro-oncology	285	284	301	294	332	333
Neuroimaging	218	216	164	158	156	149
Clinical Neuromuscular Pathology	68	69	78	70	73	72
Autonomic Disorders	48	56	53	62	59	71
Interventional Neurology	n/a	n/a	n/a	38	38	63
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	n/a	44
Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339

Headache Medicine Certification Exam Application Pathway Trends



Headache Medicine Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Headache Medicine	2014	100%	83%
	2016	96%	82%
	2018	96%	83%
	2020	98%	96%
	2022	100%	96%
	2024	100%	94%

Continuous Certification (C-cert)

The annual **continuous certification (C-cert) process** provides diplomates with a relevant, effective, timely, and convenient way to meet the needs of lifelong learning and self-assessment. Diplomates must meet annual maintenance of certification (MOC) requirements for C-cert.

2024 C-cert Activity Outcomes (As of 12/31/24)				
Subspecialty	2024 Total Diplomates Passed Quiz	2024 Average % Score on First Attempt	2024 Average Quiz Completion Time on First Attempt (minutes)	2024 Average CME Credit Hrs Claimed (Max=15)
Autonomic Disorders	37	84.62	52.86	12.3
Behavioral Neurology & Neuropsychiatry	376	89.17	61.6	12.55
Clinical Neuromuscular Pathology	51	92.38	56.62	12.3
Headache Medicine	631	86.15	59.17	12.7
Interventional Neurology	22	82.61	47.08	14.8
Neurocritical Care	1,073	82.28	52.93	13.2
Neuroimaging	104	73.15	62.57	13.6
Neuro-oncology	275	92.93	49.81	10.6
Totals	2,569	85.24%	55.81	12.72

2024 Certification Status Summary							
Subspecialty	New 2024 Dips	Diplomates Meeting 2024 Req	Diplomates Not Mtg 2024 Req	Diplomates Not Mtg 2023 & 2024 Req (certification discontinuation)	Diplomates Retired or Deceased	2024 Yr End Total Diplomates	% of Total 2023 Diplomates Retained
Autonomic Disorders	14	48	9	-4	0	71	95%
Behavioral Neurology & Neuropsychiatry	58	388	49	-12	-1	495	97%
Clinical Neuromuscular Pathology	0	65	7	-2	-1	72	96%
Headache Medicine	126	647	70	-17	-1	843	98%
Interventional Neurology	25	34	4	-1	0	63	97%
Neonatal Neurocritical Care	44	n/a	0	0	0	44	n/a
Neurocritical Care	0	1,092	177	-49	-3	1,269	96%
Neuroimaging	0	117	32	-13	0	149	92%
Neuro-oncology	0	290	43	-4	0	333	99%
Neural Repair and Rehabilitation	0	0	0	0	-8	0	n/a
Totals	267	2,681	391	-102	-14	3,339	96%

Subspecialty Sponsoring Organizations

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty volunteer representatives.

- American Academy of Neurology on behalf of the Headache & Facial Pain Section Community
- American Headache Society

2024/2025 UCNS Board of Directors Representative

- Siddharth Kapoor, MD, MBA, University of Kentucky College of Medicine

2024/2025 Certification Examination Committee

- Stephanie J. Nahas, MD, Chair, Thomas Jefferson University
- Teshamae S. Monteith, MD, Vice Chair, University of Miami
- Hossein Ansari, MD, Kaizen Brain Center
- P. Christopher H. Gottschalk, MD, Yale Neurology Group
- Robert Kaniecki, MD, Vice Chair, UPMC Headache Center
- Christopher B. Oakley, MD, Johns Hopkins University
- Seniha Ozudogru, MD, University of Pennsylvania
- Nina Riggins, MD, University of California San Diego
- Carrie Robertson, MD, Mayo Clinic Rochester
- Jerry Swanson, MD, Mayo Clinic Rochester



2024 Subspecialty Status Update Interventional Neurology

Introduction

Since 2022, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Interventional Neurology (IN). Below is an update on the status of the subspecialty.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2022	Lost Since 2022	Current Total	Graduates Since 2022	UCNS Certified
2022	10	0	10	6	0 <i>1 applications for 2024 exam</i>

Fellow Primary Specialty and Certification

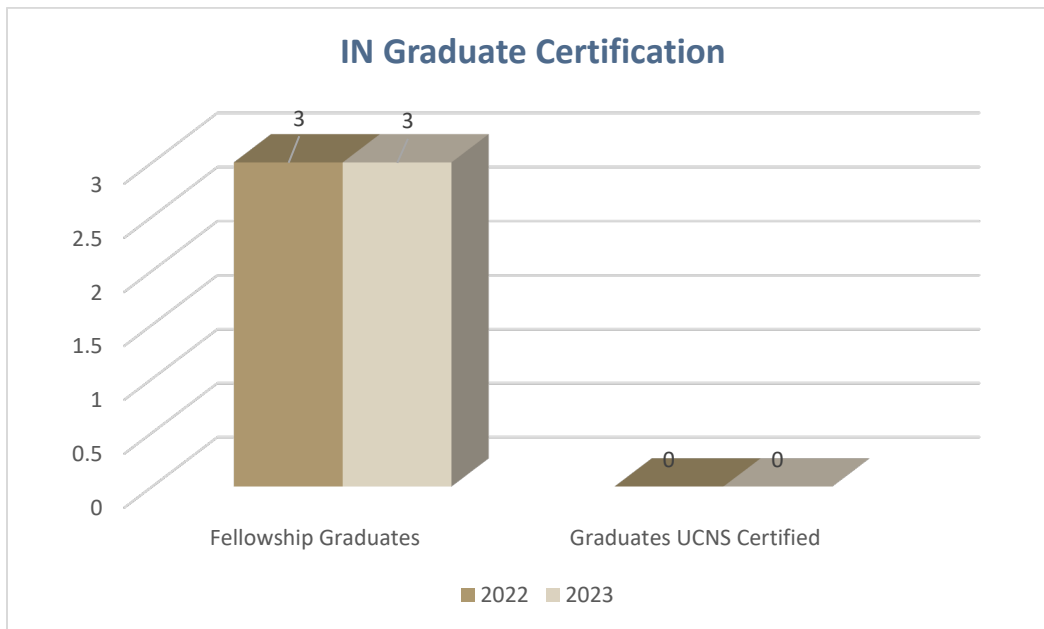
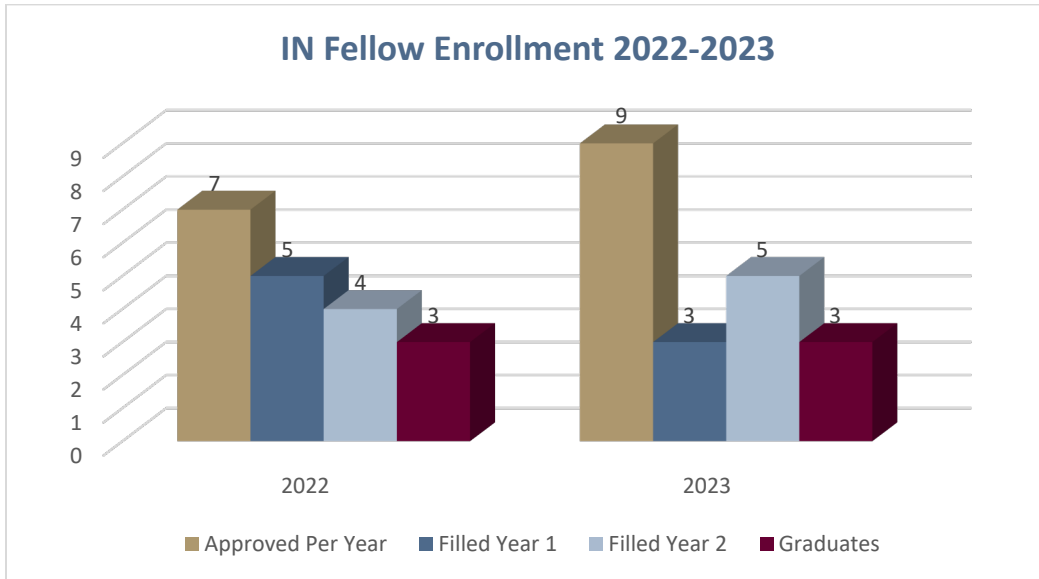
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Neurology	3	ABMS	6
Neurology/Vascular Neurology	3		

UCNS-Accredited Fellowship Programs by Subspecialty

(As of 12/31/24)

Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

The following charts demonstrate program information for 2022-2023 enrollment information for programs currently accredited as of June 1, 2023.



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC) in:

- Neurology
- Neurological Surgery
- Radiology

The UCNS Interventional Neurology certification examinations are offered biennially in even-numbered years.

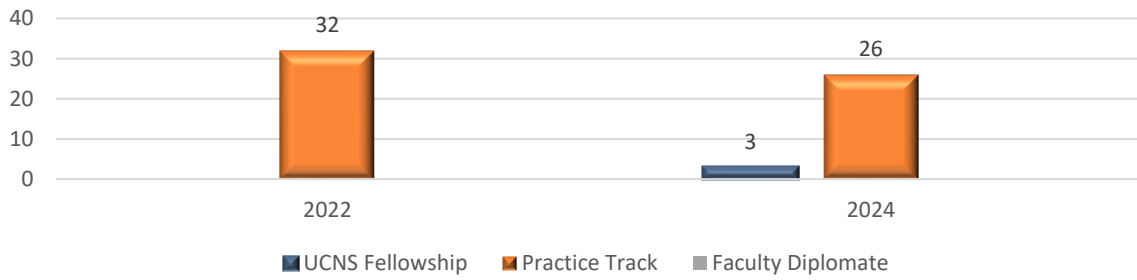
Diplomates

- 63 certified Interventional Neurology Disorders diplomates
- Certification eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- 2022 was the inaugural year of UCNS certification for Interventional Neurology
- Next **Interventional Neurology Certification Examination**: September 21-25, 2026

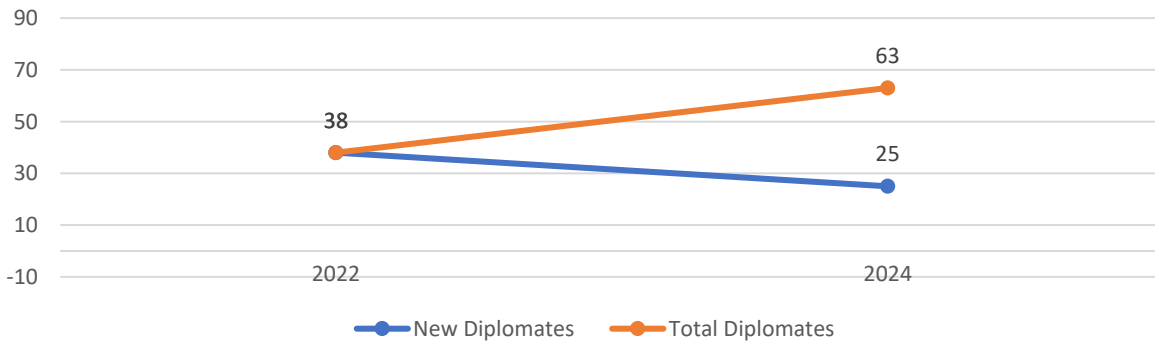
2024 Year-End Diplomat Counts by Subspecialty

Subspecialty	2019 Yr End Diplomates	2020 Yr End Diplomates	2021 Yr End Diplomates	2022 Yr End Diplomates	2023 Yr End Diplomates	2024 Yr End Diplomates
Neurocritical Care	1,490	1,486	1,336	1,304	1,296	1,269
Headache Medicine	588	706	632	744	729	843
Behavioral Neurology & Neuropsychiatry	421	475	416	459	439	495
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Autonomic Disorders	48	56	53	62	59	71
Interventional Neurology	n/a	n/a	n/a	38	38	63
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	n/a	44
Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339

Interventional Neurology Certificatoin Exam Application Pathway Trends



Interventional Neurology Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Interventional Neurology	2022	n/a	100%
	2024	100%	92%

Continuous Certification (C-cert)

The annual **continuous certification (C-cert) process** provides diplomates with a relevant, effective, timely, and convenient way to meet the needs of lifelong learning and self-assessment. Diplomates must meet annual maintenance of certification (MOC) requirements for C-cert beginning the year after passing their initial certification examination.

2024 C-cert Activity Outcomes (As of 12/31/24)				
Subspecialty	2024 Total Diplomates Passed Quiz	2024 Average % Score on First Attempt	2024 Average Quiz Completion Time on First Attempt (minutes)	2024 Average CME Credit Hrs Claimed (Max=15)
Autonomic Disorders	37	84.62	52.86	12.3
Behavioral Neurology & Neuropsychiatry	376	89.17	61.6	12.55
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Neurocritical Care	1,073	82.28	52.93	13.2
Neuroimaging	104	73.15	62.57	13.6
Neuro-oncology	275	92.93	49.81	10.6
Totals	2,569	85.24%	55.81	12.72

2024 Certification Status Summary							
Subspecialty	New 2024 Dips	Diplomates Meeting 2024 Req	Diplomates Not Mtg 2024 Req	Diplomates Not Mtg 2023 & 2024 Req (certification discontinuation)	Diplomates Retired or Deceased	2024 Yr End Total Diplomates	% of Total 2023 Diplomates Retained
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Behavioral Neurology & Neuropsychiatry	58	388	49	-12	-1	495	97%
Clinical Neuromuscular Pathology	0	65	7	-2	-1	72	96%
Headache Medicine	126	647	70	-17	-1	843	98%
Interventional Neurology	25	34	4	-1	0	63	97%
Neonatal Neurocritical Care	44	n/a	0	0	0	44	n/a
Neurocritical Care	0	1,092	177	-49	-3	1,269	96%
Neuroimaging	0	117	32	-13	0	149	92%
Neuro-oncology	0	290	43	-4	0	333	99%
Neural Repair and Rehabilitation	0	0	0	0	-8	0	n/a
Totals	267	2,681	391	-102	-14	3,339	96%

Subspecialty Sponsoring Organizations

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty representative volunteers.

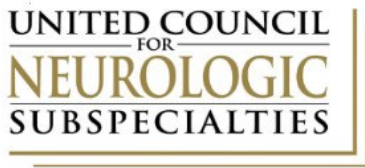
- International Society of Interventional Neurology
- Society of Vascular & Interventional Neurology
- American Neurological Association

2024/2025 UCNS Board of Directors Representative

- Gustavo Rodriguez, MD, Texas Tech University Health Sciences Center El Paso

2024/2025 Certification Examination Committee

- Alberto Maud, MD, Chair, Texas Tech University Health Sciences Center El Paso
 - Nazli (Sophia) Janjua, MD, Vice Chair, Asia Pacific Comprehensive Stroke Institute
 - Norman Ajiboye, MD, Memorial Healthcare System
 - Steve M. Cordina, MD, Patronus Neurology
 - Camilo R. Gomez, MD, MBA, Chair, University of Missouri Medical Center
 - Osman S. Kozak, MD, Abington Memorial Hospital
 - Mesha Martinez, MD, Texas Children's - Baylor College of Medicine
 - Jefferson Thayer Miley, MD, University of Texas at Austin
 - Janhavi Modak, MD, Baptist Health Medical Center
 - Thanh Nguyen, MD, Boston University Medical Center
 - Santiago Ortega Guterrez, MD, University of Iowa Hospital and Clinics
 - Pankajavalli Ramakrishnan, MD, PhD, Westchester Medical Center
-



2024 Subspecialty Status Update

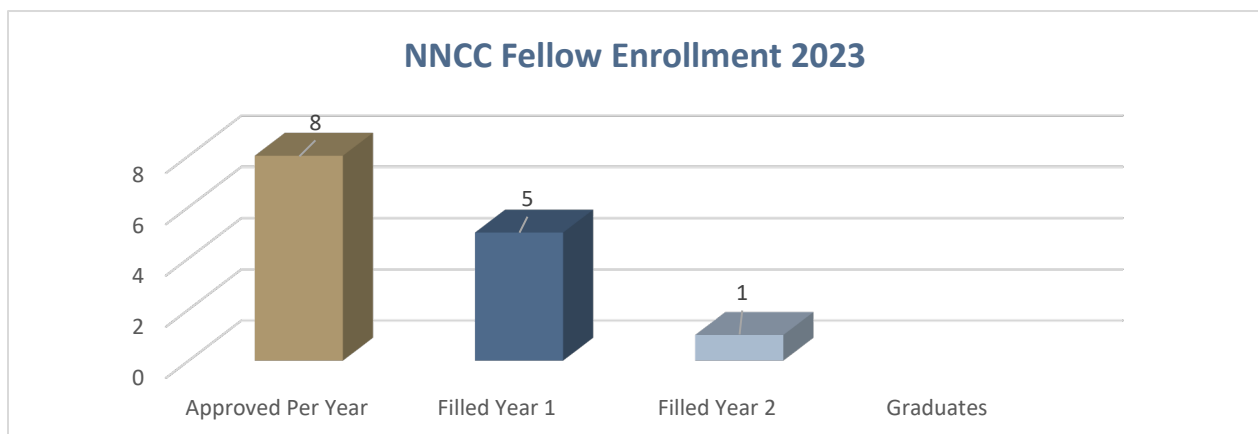
Neonatal Neurocritical Care

Introduction

Since 2023, the United Council for Neurologic Subspecialties (UCNS) has accredited fellowship training programs for the subspecialty of Neonatal Neurocritical Care (NNCC). The first UCNS NNCC Certification Examination was administered in November 2024. An update on the status of NNCC is provided below.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2023	Lost Since 2023	Current Total	Graduates Since 2023	UCNS Certified
2023	8	0	8	0	0

UCNS-Accredited Fellowship Programs by Subspecialty						
(As of 12/31/24)						
Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC) in:

- Neurology with special qualifications in Child Neurology
- Neurodevelopmental Disabilities
- Neonatal Perinatal Medicine

The UCNS Neonatal Neurocritical Care certification examinations are offered biennially in even-numbered years

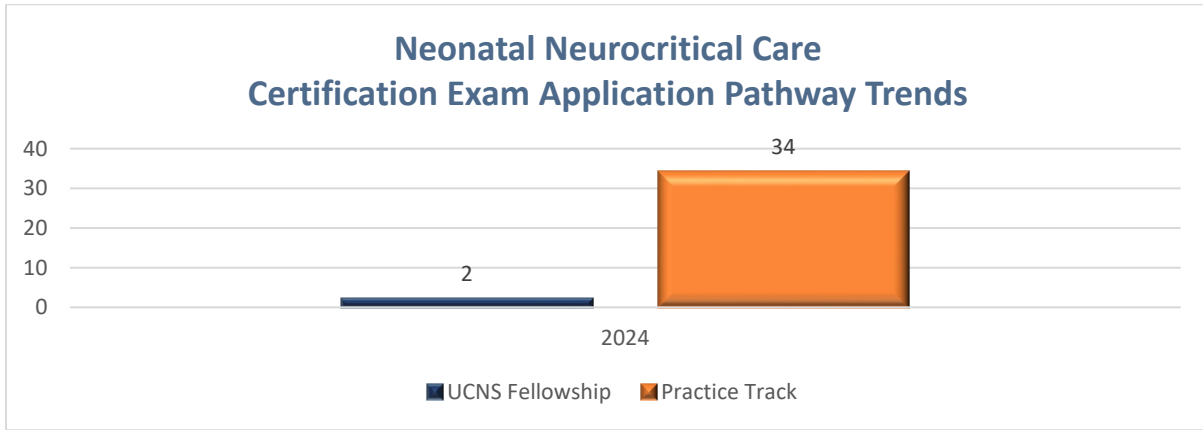
- Inaugural certification examination was offered in 2024

Diplomates

- 44 Neonatal Neurocritical certified diplomates
- Eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next UCNS Neonatal Neurocritical Care Certification Examination: November 2-6, 2026

2024 Year-End Diplomat Counts by Subspecialty

Subspecialty	2019 Yr End Diplomates	2020 Yr End Diplomates	2021 Yr End Diplomates	2022 Yr End Diplomates	2023 Yr End Diplomates	2024 Yr End Diplomates
Neurocritical Care	1,490	1,486	1,336	1,304	1,296	1,269
Headache Medicine	588	706	632	744	729	843
Behavioral Neurology & Neuropsychiatry	421	475	416	459	439	495
Neuro-oncology	285	284	301	294	332	333
Neuroimaging	218	216	164	158	156	149
Clinical Neuromuscular Pathology	68	69	78	70	73	72
Autonomic Disorders	48	56	53	62	59	71
Interventional Neurology	n/a	n/a	n/a	38	38	63
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	n/a	44
Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339



Certification Examination Pass Rates			
Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Neonatal Neurocritical Care	2024	100%	97%

Subspecialty Sponsoring Organization

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty volunteer representatives.

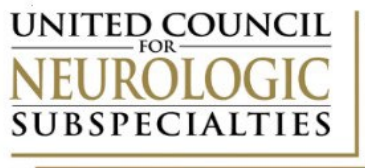
- Newborn Brain Society

2024/2025 UCNS Board of Directors Representative

- Mohamed El-Dib, MD, Brigham and Women's Hospital

2024/2025 Certification Examination Committee

- Christopher D. Smyser, MD, Chair, Washington University School of Medicine
- Alexa K. Craig, MD, MsC, MS, Vice Chair, Maine Medical Partners
- 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 Yun Tam, MD, University of California, San Francisco
- Charu Venkatesan, MD, PhD, Cincinnati Children's Hospital
- Michael D. Weiss, MD, UF Health Shands Children's Hospital



2024 Subspecialty Status Update Neurocritical Care

Introduction

Since 2007, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Neurocritical Care (NCC). An update on the status of NCC is provided below.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2008	Lost Since 2008	Current Total	Graduates Since	UCNS Certified
2008	80	14	66 <i>1 inactive</i>	1037	550

Fellow Primary Specialty and Certification

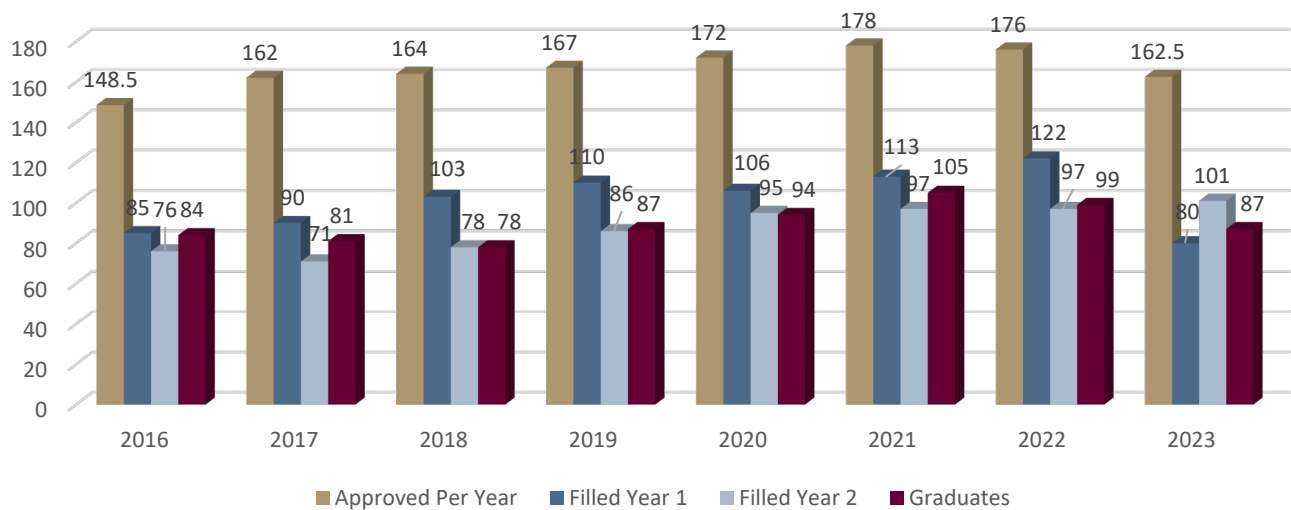
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Anesthesia	25	ABMS	963
Anesthesia/Internal Medicine	1	RCPSC	4
Emergency Medicine	41	AOA	5
Family Medicine	2	No	65
Internal Medicine	116		
Internal Medicine/CCM	1		
Internal Medicine/Emergency Medicine	1		
Neurology	797		
Neurology/Internal Medicine	12		
Neurology/Pediatrics	1		
Neurosurgery	34		
Pediatrics	1		
Pulmonology	1		
Radiology	1		
Surgery	2		
Vascular Surgery	1		

UCNS-Accredited Fellowship Programs by Subspecialty

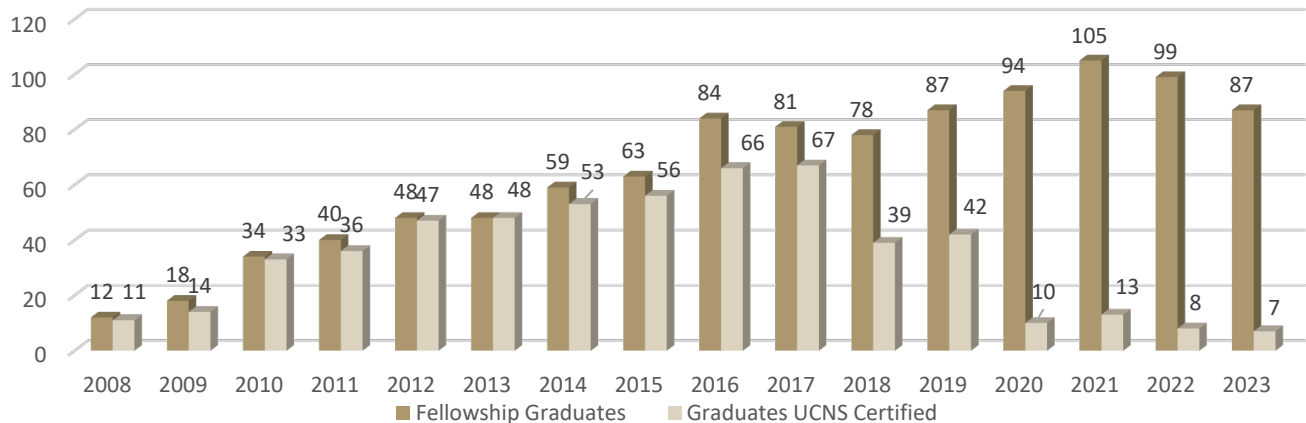
(As of 12/31/24)

Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

NCC Fellow Enrollment 2016-2023



NCC Graduate Certification



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPS) in:

- Neurology
- Neurological surgery
- Internal medicine
- Anesthesiology
- Surgery
- Emergency medicine
- Pediatrics

The UCNS Neurocritical Care certification examinations are offered biennially in odd-numbered years.

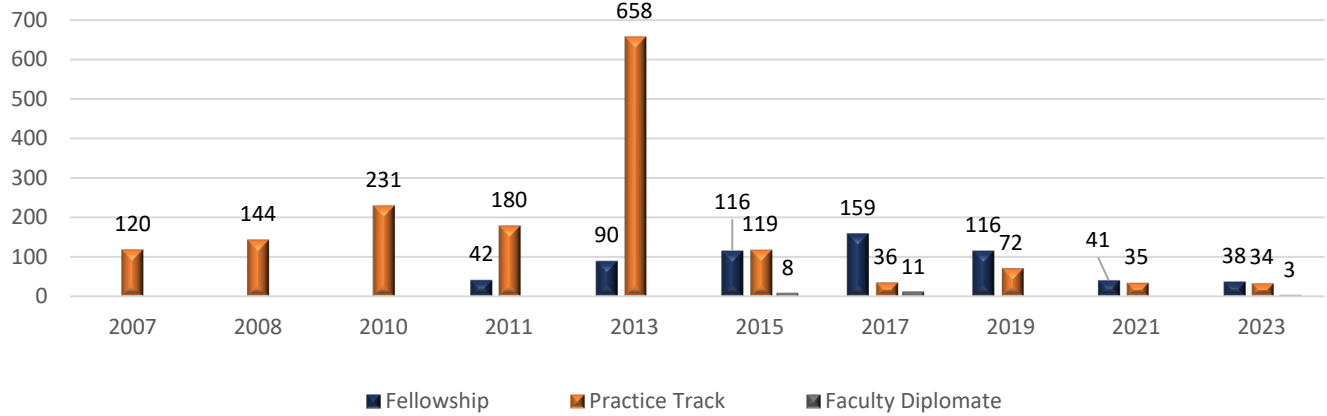
Diplomates

- 1,269 Neurocritical Care diplomates
- Eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next UCNS Neurocritical Care Certification Examination: November 17-21, 2025

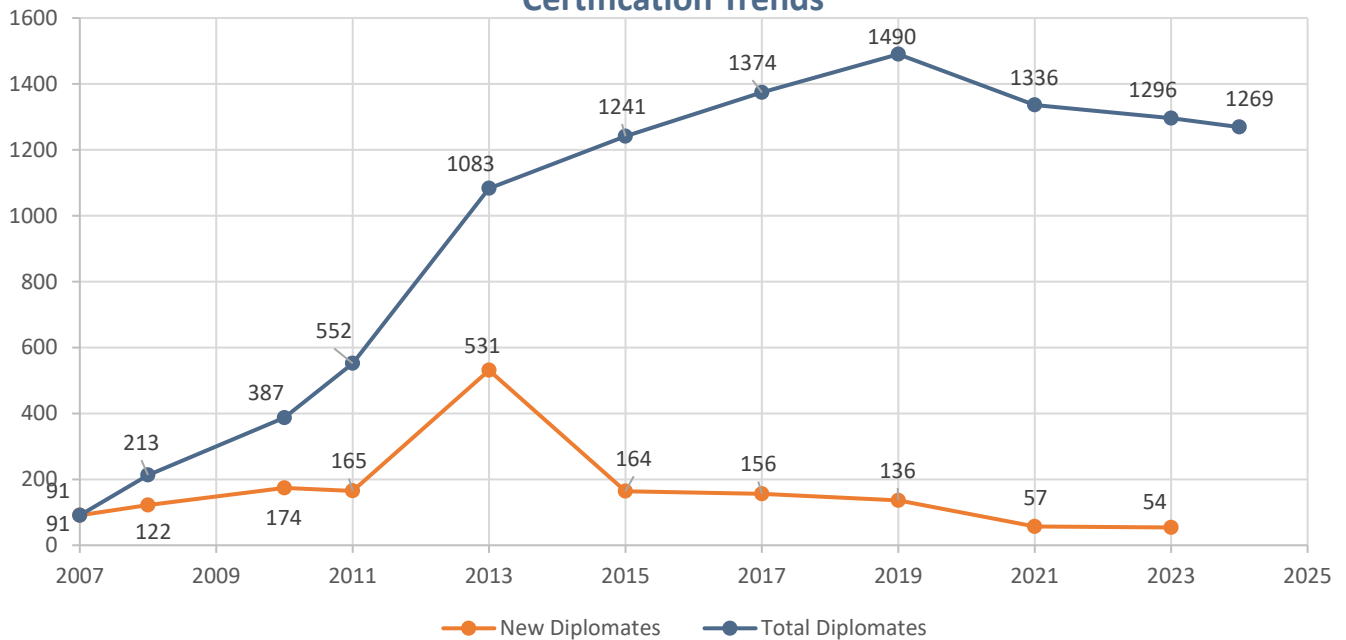
2024 Year-End Diplomat Counts by Subspecialty

Subspecialty	2019 Yr End Diplomates	2020 Yr End Diplomates	2021 Yr End Diplomates	2022 Yr End Diplomates	2023 Yr End Diplomates	2024 Yr End Diplomates
Neurocritical Care	1,490	1,486	1,336	1,304	1,296	1,269
Headache Medicine	588	706	632	744	729	843
Behavioral Neurology & Neuropsychiatry	421	475	416	459	439	495
Neuro-oncology	285	284	301	294	332	333
Neuroimaging	218	216	164	158	156	149
Clinical Neuromuscular Pathology	68	69	78	70	73	72
Autonomic Disorders	48	56	53	62	59	71
Interventional Neurology	n/a	n/a	n/a	38	38	63
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	n/a	44
Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339

Neurocritical Care Certification Application Pathways



Neurocritical Care Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Neurocritical Care	2013	94%	73%
	2015	96%	47%
	2017	86%	51%
	2019	83%	70%
	2021	88%	76%
	2023	85%	76%

Continuous Certification (C-cert)

The annual **continuous certification (C-cert) process** provides diplomates with a relevant, effective, timely, and convenient way to meet the needs of lifelong learning and self-assessment. Diplomates must meet annual maintenance of certification (MOC) requirements for C-cert.

2024 C-cert Activity Outcomes (As of 12/31/24)				
Subspecialty	2024 Total Diplomates Passed Quiz	2024 Average % Score on First Attempt	2024 Average Quiz Completion Time on First Attempt (minutes)	2024 Average CME Credit Hrs Claimed (Max=15)
Autonomic Disorders	37	84.62	52.86	12.3
Behavioral Neurology & Neuropsychiatry	376	89.17	61.6	12.55
Clinical Neuromuscular Pathology	51	92.38	56.62	12.3
Headache Medicine	631	86.15	59.17	12.7
Interventional Neurology	22	82.61	47.08	14.8
Neurocritical Care	1,073	82.28	52.93	13.2
Neuroimaging	104	73.15	62.57	13.6
Neuro-oncology	275	92.93	49.81	10.6
Totals	2,569	85.24%	55.81	12.72

2024 Certification Status Summary							
Subspecialty	New 2024 Dips	Diplomates Meeting 2024 Req	Diplomates Not Mtg 2024 Req	Diplomates Not Mtg 2023 & 2024 Req (certification discontinuation)	Diplomates Retired or Deceased	2024 Yr End Total Diplomates	% of Total 2023 Diplomates Retained
Autonomic Disorders	14	48	9	-4	0	71	95%
Behavioral Neurology & Neuropsychiatry	58	388	49	-12	-1	495	97%
Clinical Neuromuscular Pathology	0	65	7	-2	-1	72	96%
Headache Medicine	126	647	70	-17	-1	843	98%
Interventional Neurology	25	34	4	-1	0	63	97%
Neonatal Neurocritical Care	44	n/a	0	0	0	44	n/a
Neurocritical Care	0	1,092	177	-49	-3	1,269	96%
Neuroimaging	0	117	32	-13	0	149	92%
Neuro-oncology	0	290	43	-4	0	333	99%
Neural Repair and Rehabilitation	0	0	0	0	-8	0	n/a
Totals	267	2,681	391	-102	-14	3,339	96%

Subspecialty Sponsoring Organizations

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty volunteer representatives.

- American Academy of Neurology on behalf of the Critical Care & Emergency Neurology Section Community
- Neurocritical Care Society

2024/2025 UCNS Board of Directors Representative

- Sherry Hsiang-Yi Chou, MD, Northwestern Feinberg School Of Medicine

2024/2025 Certification Examination Committee

- Lauren Koffman, DO, Chair, Lewis Katz School of Medicine at Temple University
- Sarah D. Nelson, Vice Chair, MD, MPH, Tufts Medical Center
- Marc-Alain Babi, MD, Cleveland Clinic Florida
- Wan Tsu Wendy Chang, MD, University of Maryland School of Medicine
- Marin Darsie, MD, University of Wisconsin
- Bradley Dengler, MD, Walter Reed National Military Medical Center
- Atul Ashok Kalanuria, MD, University of Pennsylvania Health System
- Abhay Kumar, MD, McGovern Medical School at UTHealth Houston
- Christa O'Hana San Luis Nobleza, MD, Baptist Medical Group
- Ivan Rocha Ferreira da Silva, MD, University of Florida
- Michel T. Torbey, MD, MPH, University of New Mexico
- Panayiotis N. Varelas, MD, PhD, Albany Medical College

2024 Subspecialty Status Update

Neuroimaging

Introduction

Since 2008, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Neuroimaging (NI). Below is an update on the status of NI.

Fellowships				Fellows	
First Program Accredited	Accredited Since 2009	Lost Since 2009	Current Total	Graduates Since 2009	UCNS Certified
2009	6	3	3 <i>1 Inactive</i>	42	30 <i>1 applications for 2024 exam</i>

Fellow Primary Specialty and Certification

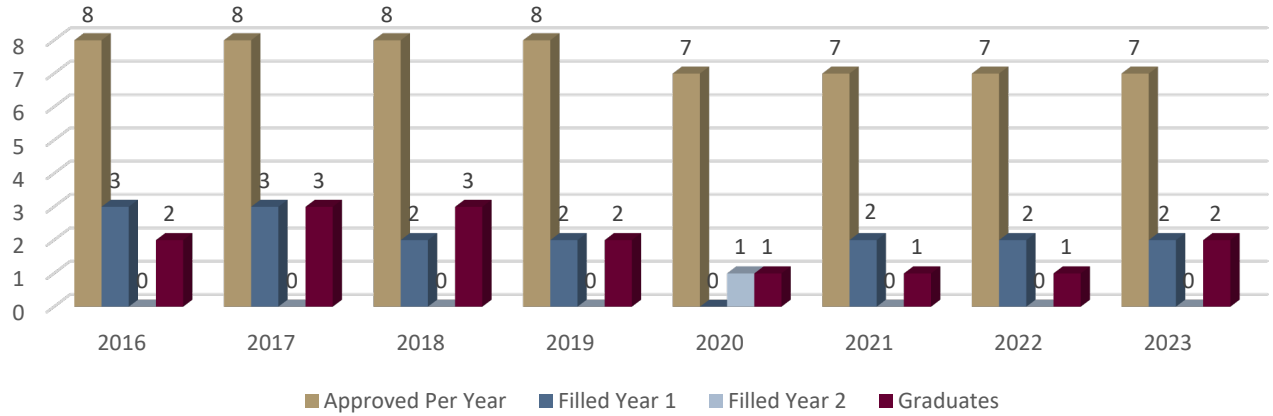
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Neurology	42	ABMS	40
		No	1
		Unknown	1

UCNS-Accredited Fellowship Programs by Subspecialty

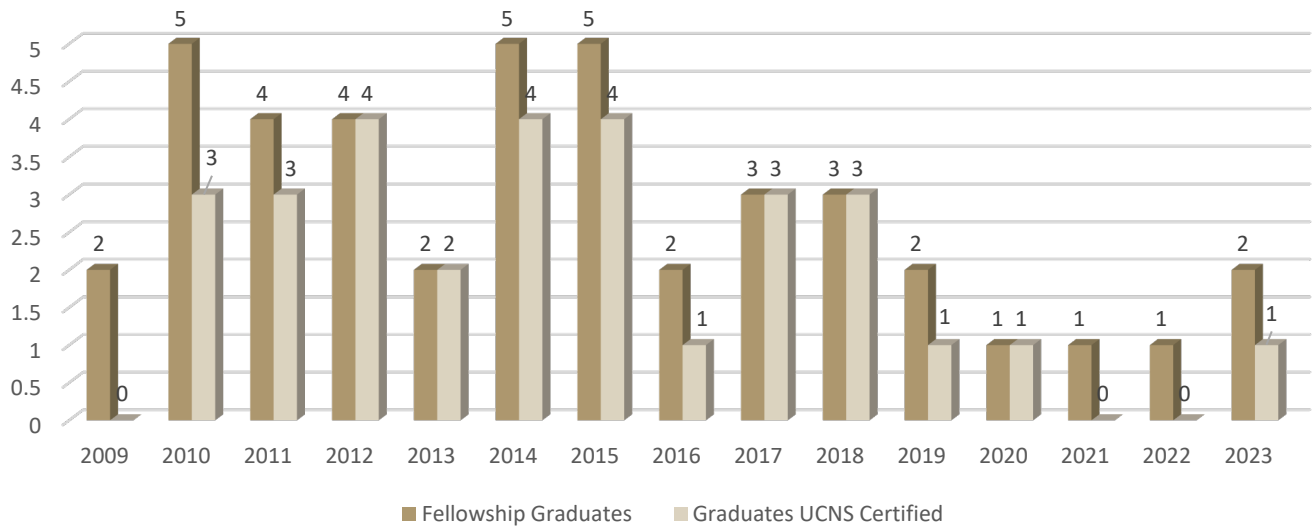
(As of 12/31/24)

Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
Headache Medicine	43	45	46	51	54	58
Behavioral Neurology & Neuropsychiatry	37	37	44	46	47	46
Neuro-oncology	35	36	37	36	36	38
Interventional Neurology	n/a	n/a	n/a	6	8	10
Neonatal Neurocritical Care	n/a	n/a	n/a	n/a	6	8
Clinical Neuromuscular Pathology	6	6	6	6	6	6
Autonomic Disorders	4	5	5	6	6	6
Geriatric Neurology	4	4	4	4	4	4
Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

NI Fellow Enrollment 2016-2023



NI Graduate Certification



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPS) in:

- Neurology
- Child Neurology

The UCNS Neuroimaging certification examinations are offered biennially in odd-numbered years.

- 2025 certification examination was cancelled due to insufficient number of applications

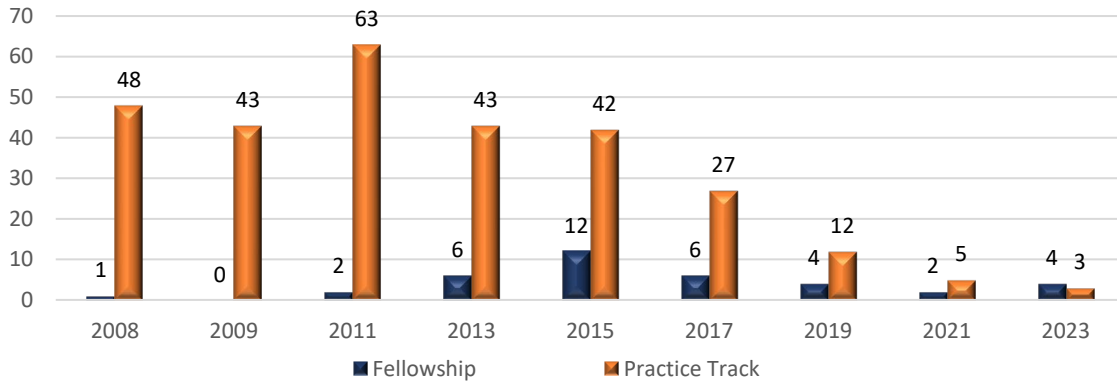
Diplomates

- 149 Neuroimaging diplomates
- Eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next Neuroimaging Certification Examination: 2027 dates TBD

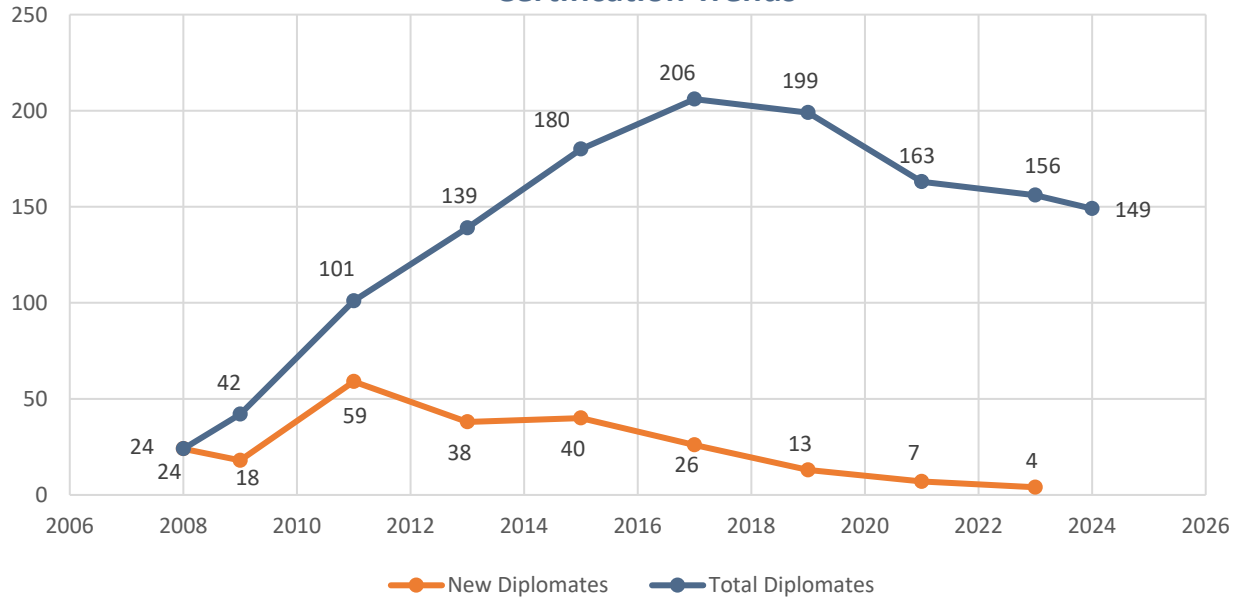
2024 Year-End Diplomat Counts by Subspecialty

Subspecialty	2019 Yr End Diplomates	2020 Yr End Diplomates	2021 Yr End Diplomates	2022 Yr End Diplomates	2023 Yr End Diplomates	2024 Yr End Diplomates
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Neural Repair and Rehabilitation	23	22	22	8	8	0
Geriatric Neurology	18	11	0	0	0	0
TOTALS	3,141	3,314	3,002	3,137	3,130	3,339

Neuroimaging Certification Application Breakdown



Neuroimaging Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Neuroimaging	2015	90%	86%
	2017	100%	84%
	2019	100%	100%
	2021	100%	100%
	2023	100%	60%

Continuous Certification (C-cert)

The annual **continuous certification (C-cert) process** provides diplomates with a relevant, effective, timely, and convenient way to meet the needs of lifelong learning and self-assessment. Diplomates must meet annual maintenance of certification (MOC) requirements for C-cert.

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Neuro-oncology	275	92.93	49.81	10.6
Totals	2,569	85.24%	55.81	12.72

2024 Certification Status Summary							
Subspecialty	New 2024 Dips	Diplomates Meeting 2024 Req	Diplomates Not Mtg 2024 Req	Diplomates Not Mtg 2023 & 2024 Req (certification discontinuation)	Diplomates Retired or Deceased	2024 Yr End Total Diplomates	% of Total 2023 Diplomates Retained
Autonomic Disorders	14	48	9	-4	0	71	95%
Behavioral Neurology & Neuropsychiatry	58	388	49	-12	-1	495	97%
Clinical Neuromuscular Pathology	0	65	7	-2	-1	72	96%
Headache Medicine	126	647	70	-17	-1	843	98%
Interventional Neurology	25	34	4	-1	0	63	97%
Neonatal Neurocritical Care	44	n/a	0	0	0	44	n/a
Neurocritical Care	0	1,092	177	-49	-3	1,269	96%
Neuroimaging	0	117	32	-13	0	149	92%
Neuro-oncology	0	290	43	-4	0	333	99%
Neural Repair and Rehabilitation	0	0	0	0	-8	0	n/a
Totals	267	2,681	391	-102	-14	3,339	96%

Subspecialty Sponsoring Organization

Subspecialty-specific sponsoring organizations are the source of nominations for all subspecialty volunteer representatives.

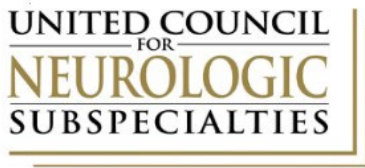
- American Society of Neuroimaging

2024/2025 UCNS Board of Directors Representative

- Jerome J. Graber, MD, MPH, Alvord Brain Tumor Center

2024/2025 Certification Examination Committee

- Jennifer W. McVige, MD, Chair, Dent Neurologic Institute
 - Gregory Kapinos, MD, MS, Vice Chair, NYC Health + Hospitals
 - Madhureeta Achari, MD, Integrated Neurology, PA
 - Carmel Armon, MD, MHS, Shamir (Assaf Harofeh) Medical Center
 - John A. Bertelson, MD, Texas Tech School of Medicine
 - Oana Dumitrascu, MD, MS, Mayo Clinic Scottsdale
 - Dimitrios Giannakidis, MD, Sutter West Bay Medical Group
 - Mohammad Obadah Nakawah, MD, Houston Methodist Neurological Institute
 - Gustavo J. Rodriguez, MD, Texas Tech Physicians of El Paso
 - Catherine A. Weymann-McKinney, MD, Piedmont HealthCare - Lake Norman Neurology
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2024 Subspecialty Status Update Neuro-oncology

Introduction

Since 2008, the United Council for Neurologic Subspecialties (UCNS) has certified physicians and accredited fellowship training programs for the subspecialty of Neuro-oncology (NO). Below is an update on the status of NO.

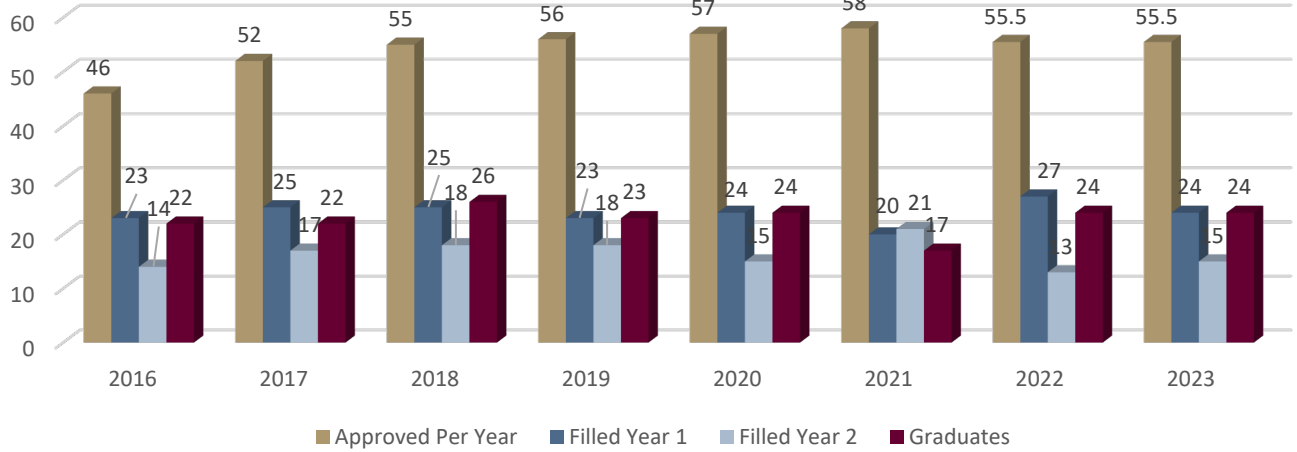
Fellowships				Fellows	
First Program Accredited	Accredited Since 2008	Lost Since 2008	Current Total	Graduates Since 2008	UCNS Certified
2008	41	3	38 <i>3 Inactive</i>	291	231

Fellow Primary Specialty and Certification

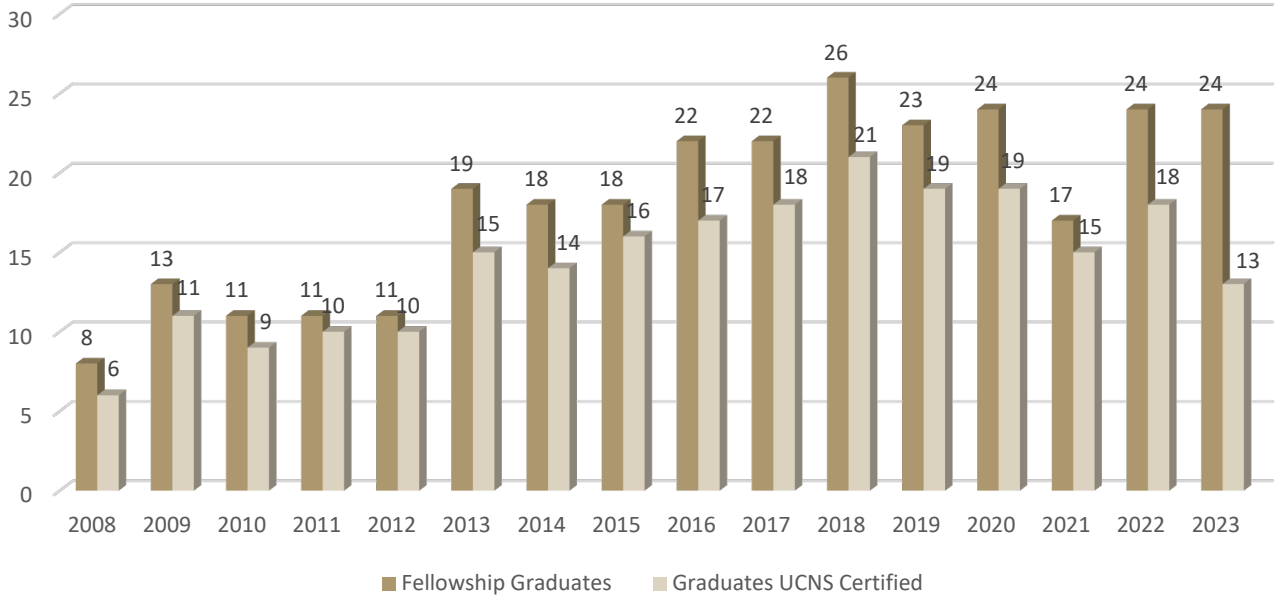
Primary Specialty	Number of Graduates	Primary Certification	Number of Graduates
Child Neurology	3	ABMS	278
Internal Medicine	6	RCPSC	4
Internal Medicine/Hematology-Oncology	1	AOA	1
Internal Medicine/Medical Oncology	12	No	8
Neurology	258		
Neurology/Psychiatry	2		
Neurosurgery	3		
Pediatrics	1		
Pediatrics/Pediatrics Hematology-Oncology	5		

UCNS-Accredited Fellowship Programs by Subspecialty (As of 12/31/24)						
Subspecialty	2019 Training Programs	2020 Training Programs	2021 Training Programs	2022 Training Programs	2023 Training Programs	2024 Training Programs
Neurocritical Care	69	73	76	75	71	66
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Neuroimaging	4	4	4	4	4	3
TOTALS	202	210	222	234	242	245

NO Fellow Enrollment 2016-2023



NO Graduate Certification



UCNS Certification

Applicants must be certified by an American Board of Medical Specialties (ABMS) certifying board, American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC) in:

- Neurology
- Child neurology
- Neurological surgery
- Internal medicine
- Medical oncology
- Pediatrics
- Pediatric hematology-oncology
- Radiation oncology

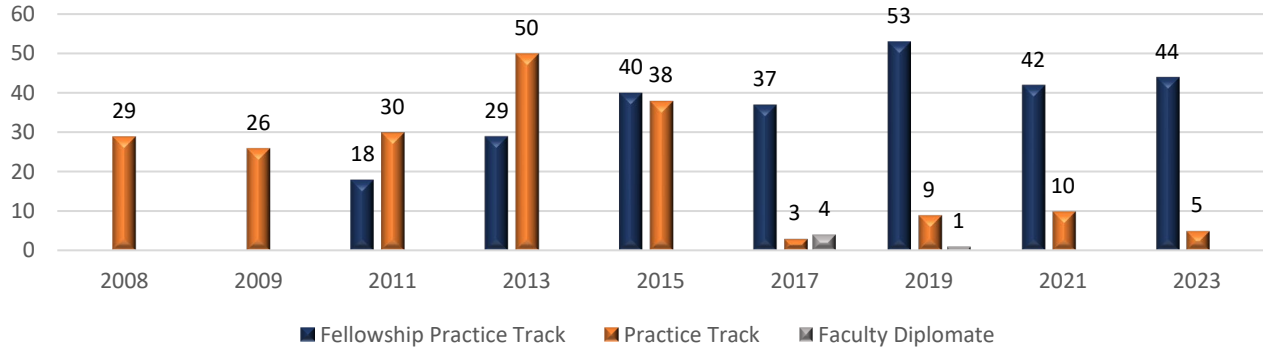
The UCNS Neuro-oncology certification examinations are offered biennially in odd-numbered years.

Diplomates

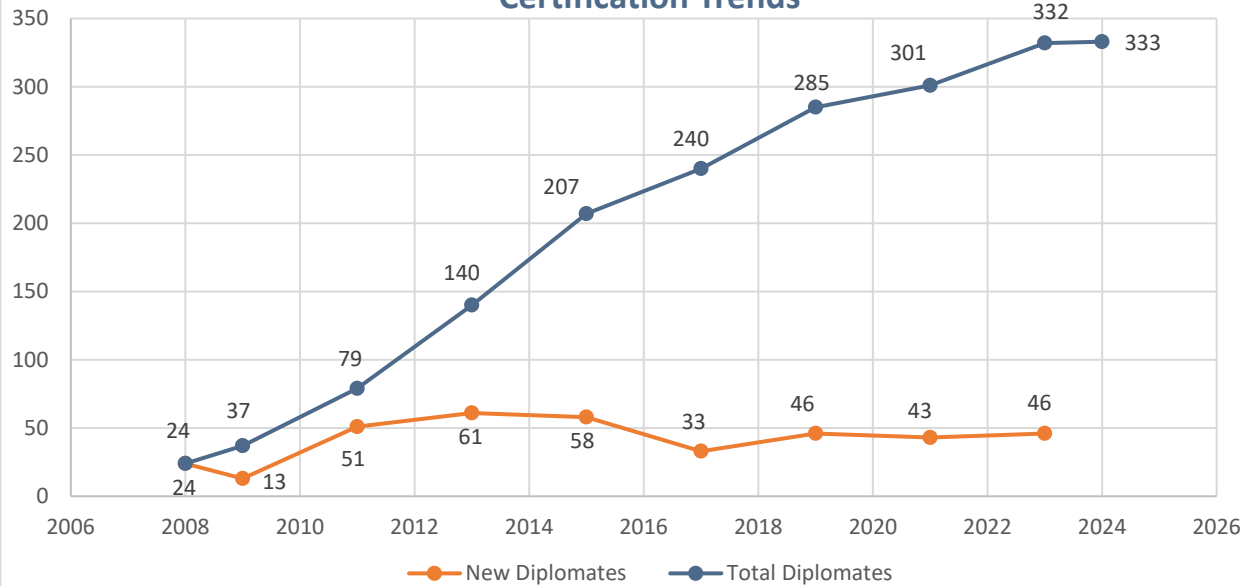
- 333 certified Neuro-oncology diplomates
- Eligibility pathways:
 - UCNS-accredited Fellowship
 - Practice Track
 - Academic Appointment at a UCNS-Accredited Fellowship
 - Internationally Trained Faculty at UCNS-Accredited Training Programs
- Next Neuro-oncology Certification Examination: November 3-7, 2025

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Neuro-oncology Certification Application Breakdown



Neuro-oncology Certification Trends



Certification Examination Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Neuro-oncology	2015	89%	76%
	2017	83%	67%
	2019	77%	56%
	2021	86%	70%
	2023	98%	100%

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- American Academy of Neurology on behalf of the Neuro-oncology Section Community

2024/2025 UCNS Board of Directors Representative

- Justin T. Jordan, MD, MPH, Massachusetts General Hospital

2024/2025 Certification Examination Committee

- Christian Grommes, MD, Chair, Memorial Sloan Kettering Cancer Center
 - Andrea Wasilewski, MD, Vice Chair, Givens Brain Tumor Center
 - David M. Cachia, MD, UMass Memorial Medical Center
 - Cynthia J. Campen, MD, Stanford Medical Children's Health
 - Ashley Parham Ghiaseddin, MD, University of Florida
 - Jerome J. Graber, MD, MPH, Alvord Brain Tumor Center
 - Lauryn Hemminger, MD, Wilmot Cancer Center
 - Gurcharanjeet Kaur, MD, Columbia University Irving Medical Center
 - Maria Jill MacDonald, MD, University of Western Ontario
 - Douglas E. Ney, MD, University of Colorado School of Medicine
 - Lauren Schaff, MD, Memorial Sloan Kettering Cancer Center
 - Roy E. Strowd, III, MD, MEd, Wake Forest School of Medicine
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