



2020 UCNS NEUROLOGIC SUBSPECIALTY UPDATES

2020 UCNS NEUROLOGIC SUBSPECIALTY UPDATES

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, 2020:

Autonomic Disorders

Behavioral Neurology & Neuropsychiatry

Clinical Neuromuscular Pathology

Geriatric Neurology

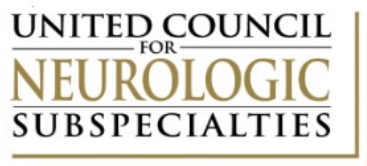
Headache Medicine

Neurocritical Care

Neuroimaging

Neuro-oncology

As of year-end 2020, the UCNS has 3,325 certified diplomates and 210 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.



2020 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.

UCNS Accredited Fellowship Programs

Fellowships

Currently Accredited: 5 | Attrition: 2 (2013, 2019)
 Program Construction: 1 year (4); 1 or 2 years (1)
 Departments: Neurology (4); Internal Medicine (1)
 Program Director Specialty: Neurology (3); Internal Medicine (2)

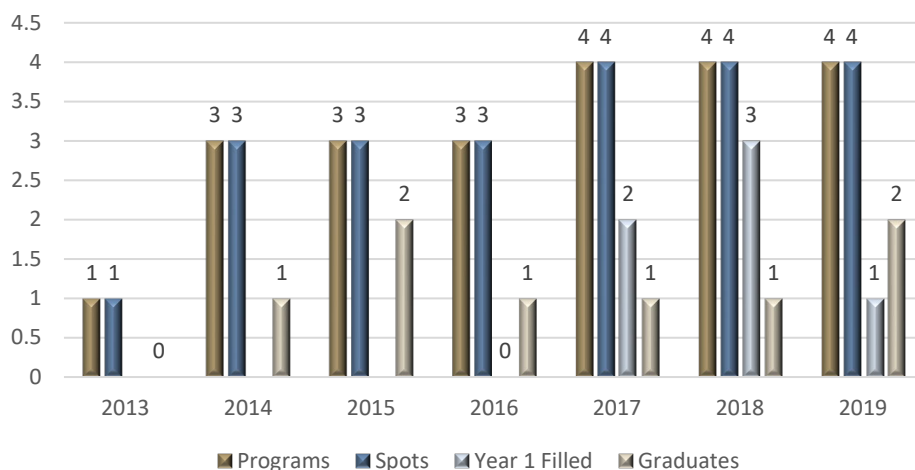
Fellows

Graduates: 8 | UCNS Certified: 3 (2 applications for 2020 examination)
 Primary Specialty: Neurology (8) | ABMS/RCPSC: ABMS (7)

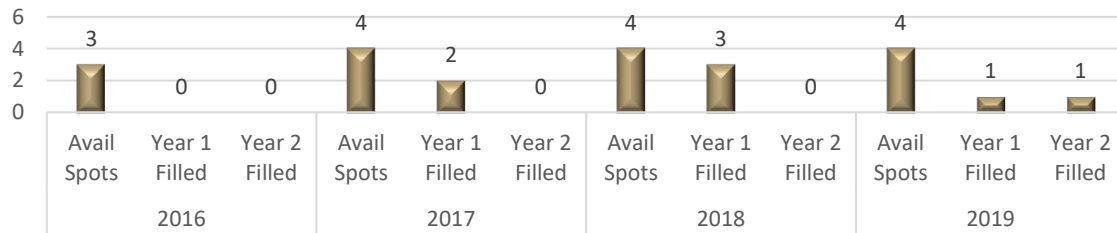
Enrollment

2016 Approved Spots: 5 | 2016 Filled: 1
 2017 Approved Spots: 5 | 2017 Filled: 2
 2018 Approved Spots: 5 | 2018 Filled: 3
 2019 Approved Spots: 4 | 2019 Filled: Year 1 (1); Year 2 (1)

AD Program Growth Through 2019



AD 2016-2019 Fellow Enrollment



UCNS Certification

Applicants must be a diplomate in good standing of the American Board of Medical Specialties (ABMS), American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC).

Diplomates

- 56 certified Autonomic Disorders diplomates
- Eligibility pathways:
 - Graduated from UCNS-accredited accredited training program
 - Practice track
- 2020 certification examination took place November 30-December 4
 - 8 certification applications received (all-time low)
 - 7 passed the examination (87.5%)
- 2022 certification examination takes place November 28 – December 2
 - 2022 examination application period opens March 1, 2022

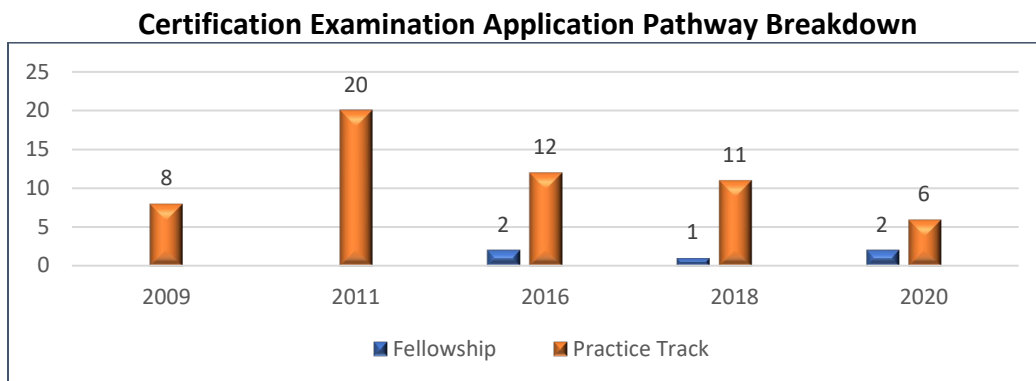
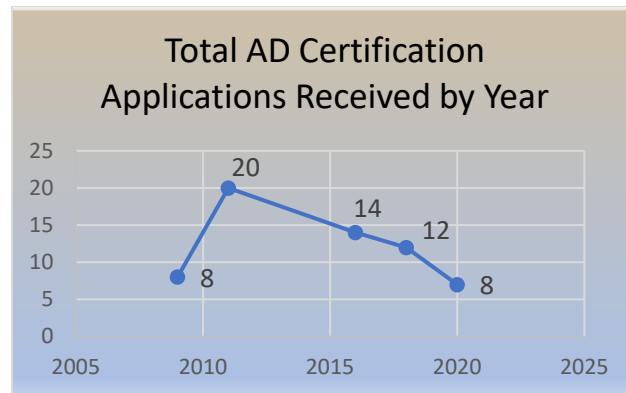
Continuous Certification (C-cert) Update:

C-cert Quiz Outcomes (as of 12/31/20)				
Subspecialty	Total Passed Quiz	Average Pass Rate %	Average Quiz Completion Time (minutes)	Average CME Credits
AD	32	91.11	33.58	9.95
BNNP	307	91.16	55.81	10.07
CNMP	43	95.53	41.54	9.39
GN	n/a	n/a	n/a	n/a
HM	448	91.74	48.8	9.92
NCC	1098	91.60	35.74	10.00
NI	130	90.95	54.59	10.53
NO	231	93.24	54.15	9.01
NRR	n/a	n/a	n/a	n/a
Totals	2289	92.19%	46.32	9.84

2020 Year End Diplomate C-cert Status Summary

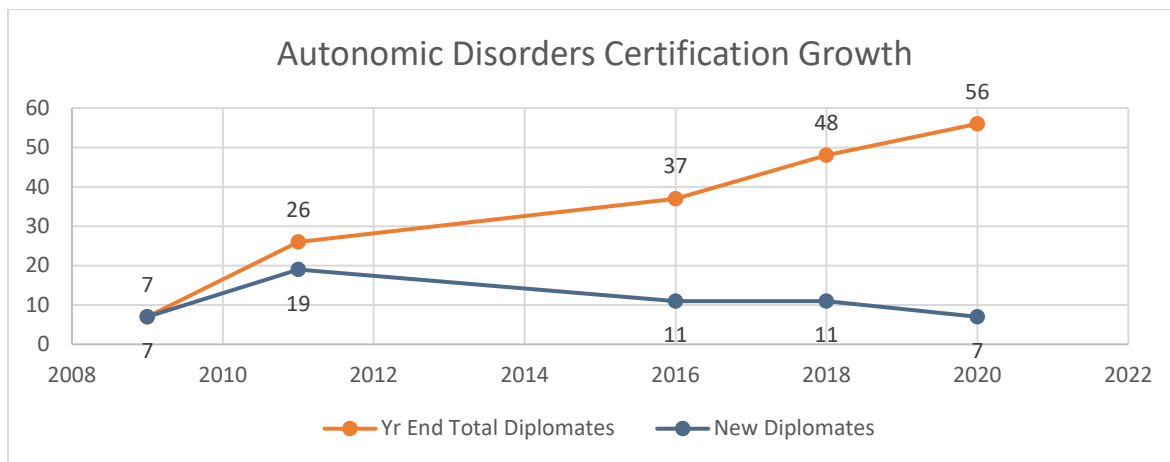
Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
GN	0	6	5	11	60%
HM	117	455	134	706	78%
NCC	0	1097	389	1486	74%
NI	0	138	78	216	64%
NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

Initial Certification Update



Certification Examination Pass Rates

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



Year-End Diplomate Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
Behavioral Neurology & Neuropsychiatry	388	403	382	407	421	475
Neuro-oncology	207	207	240	236	285	284
Clinical Neuromuscular Pathology	43	43	59	59	68	69
Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Autonomic Disorders Certification Examination](https://www.ucns.org) general eligibility criteria and online Diplomate Directory at www.ucns.org.

Subspecialty Sponsoring Organizations

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

- American Association of Autonomic Disorders
- American Academy of Neurology Autonomic Nervous System Section

2019/2020 UCNS Board of Directors Representative

- Imad T. Jarjour, MD, Baylor College of Medicine

2020/2021 Certification Examination Committee

- Paola Sandroni, MD, PhD, Chair, Mayo Clinic
- Elizabeth Coon, MD, Vice Chair, Mayo Clinic
- Phillip A. Low, MD, FAAN, Mayo Clinic
- Srikanth Muppidi, MD, Stanford Neuroscience Health Center
- Peter Novak, MD, PhD, Brigham and Women's Faulkner Hospital
- Brian Olshansky, MD, University of Iowa Hospitals and Clinics
- Lauren Phillips, MD, UT Southwestern Medical School
- Satish R. Raj, MD, MSCI, Health Research Innovation Centre
- Cyndya A. Shibao, MD, MSCI, Vanderbilt University Medical Center
- Howard Snapper, MD, WellStar Medical Group



2020 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.

UCNS Accredited Fellowship Programs

Fellowships

Currently Accredited: 37 | Attrition: 5 (2009, 2010, 2016, 2020 x 2)
 Program Construction: 1 year (12); 2 years (3); 1 or 2 years (20); 1, 2, or 3 years (2)
 Departments: Neurology (29); Neuro/IM (1); Neuro/Psych (1); Psychiatry (6)
 Program Director Specialty: Neuro (27); Neuro/IM (1); Neuro/Psych (6); Psych (2); Psych/IM (1)

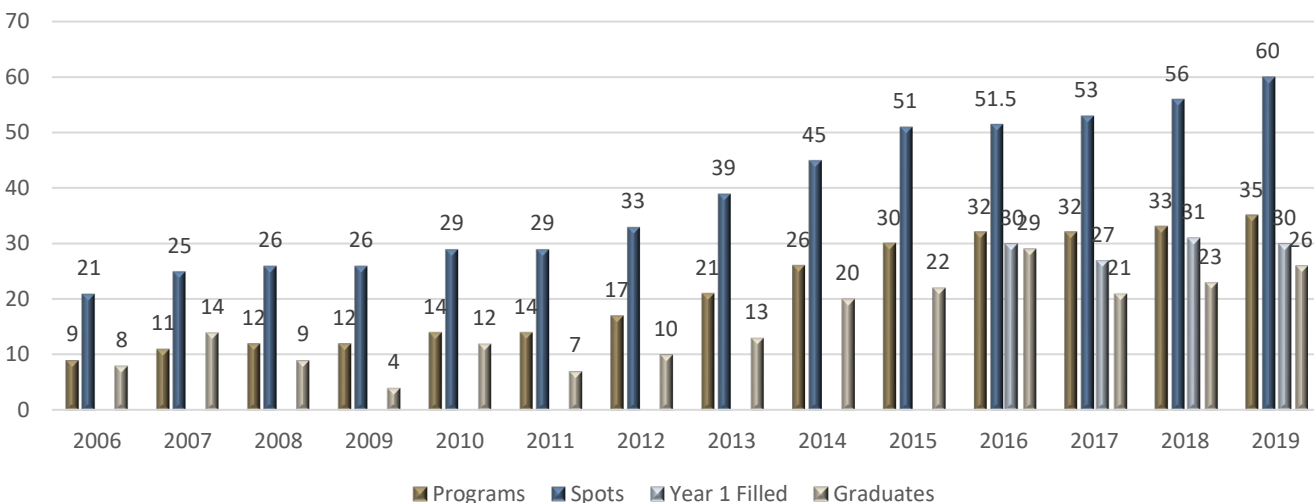
Fellows

Graduates: 218 | UCNS Certified: 135 (23 applications for 2020 examination)
 Primary Specialty: Neuro (147); Psychiatry (65); IM (2); IM/Psych (1); Neuro/Psych (1) |
 ABMS/RCPSC: ABMS (199); RCPSC (11); AOA (1)

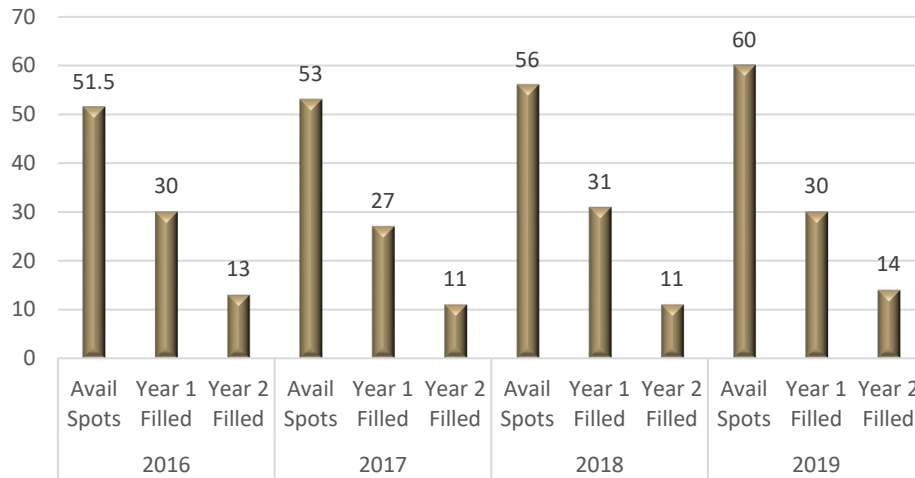
Enrollment

2016 Approved Spots: 51.5 | 2016 Filled: Year 1 (30); Year 2 (13)
 2017 Approved Spots: 53 | 2017 Filled: Year 1 (27); Year 2 (11)
 2018 Approved Spots: 56 | 2018 Filled: Year 1 (31); Year 2 (11)
 2019 Approved Spots: 60 | 2019 Filled: Year 1 (30); Year 2 (14)

BNNP Program Growth Through 2019



BNNP 2016-2019 Fellow Enrollment



UCNS Certification

Applicants must be a diplomate in good standing of the American Board of Medical Specialties (ABMS), American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC).

Diplomates

- 475 certified Behavioral Neurology and Neuropsychiatry diplomates
- Eligibility pathways:
 - Graduated from UCNS-accredited accredited training program
 - Practice track
 - Originally available through 2012
 - Subspecialty requested and was granted an extension for 2014 examination
 - Practice track closed for 2016 or 2018 examinations resulting in lower number of applications for certification
 - Slight increase in diplomates in 2019 due to practice track eligibility reopening for 2020
- 65 applications received for 2020 exam vs 47 received in 2018
- Examination took place on November 2-6, 2020
 - 59 sat for examination
 - 55 passed (93.2%)
- Next examination: October 31 – November 4, 2022
 - 2022 certification examination application period opens February 1, 2022

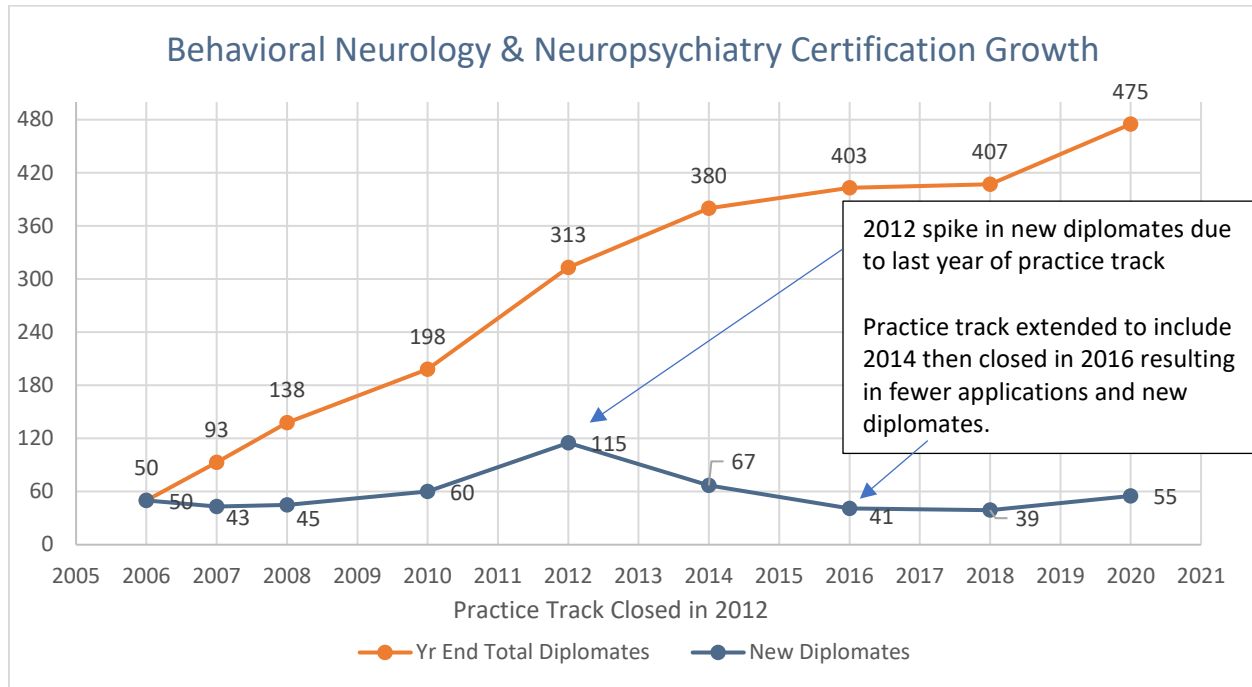
Continuous Certification (C-cert) Update

C-cert Quiz Outcomes (as of 12/31/20)				
Subspecialty	Total Passed Quiz	Average Pass Rate %	Average Quiz Completion Time (minutes)	Average CME Credits
AD	32	91.11	33.58	9.95
BNNP	307	91.16	55.81	10.07
CNMP	43	95.53	41.54	9.39
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NCC	1098	91.60	35.74	10.00
NI	130	90.95	54.59	10.53
NO	231	93.24	54.15	9.01
NRR	n/a	n/a	n/a	n/a
Totals	2289	92.19%	46.32	9.84

2020 Year End Diplomate C-cert Status Summary

Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
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NCC	0	1097	389	1486	74%
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NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

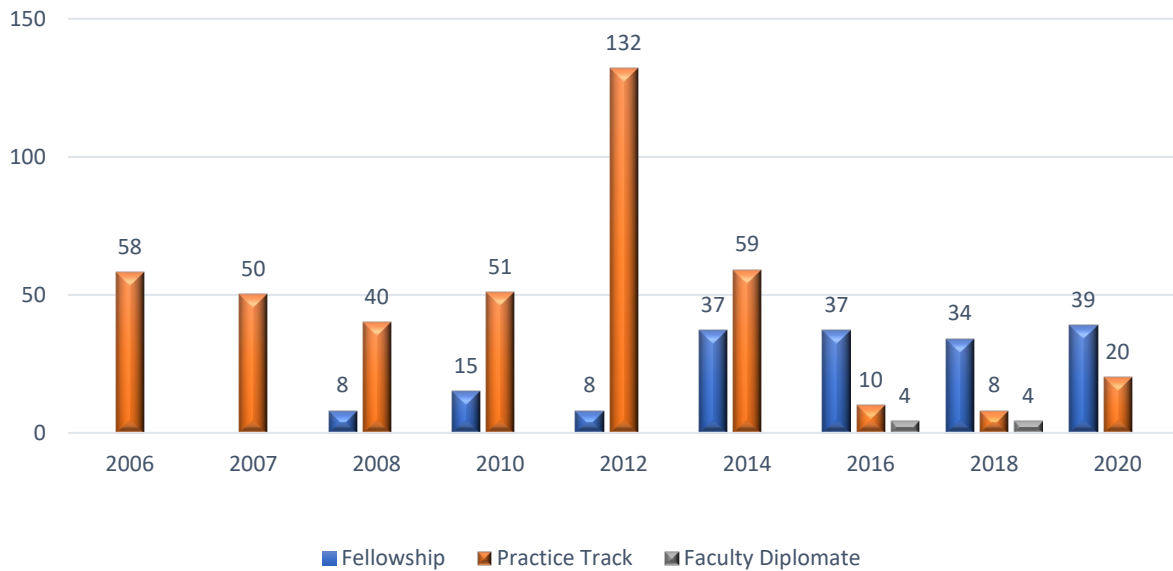
Initial Certification Update



Certification 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%

Behavioral Neurology and Neuropsychiatry Application Pathway Breakdown



Year-End Diplomat Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
Behavioral Neurology & Neuropsychiatry	388	403	382	407	421	475
Neuro-oncology	207	207	240	236	285	284
Clinical Neuromuscular Pathology	43	43	59	59	68	69
Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Behavioral Neurology & Neuropsychiatry Certification Examination](#) general eligibility criteria and online [Diplomat Directory](#) at www.ucns.org.

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

2019/2020 UCNS Board of Directors Representative

- Barbara Schildkrout, MD

2019/2020 Certification Examination Committee

- Robin A. Hurley, MD, Chair, Wake Forest School of Medicine
- James R. Bateman, III, MD, Wake Forest School of Medicine
- Miles G. Cunningham, MD, PhD, McLean Hospital
- Donald Eknoyan, MD, Kaiser Permanente
- Colin J. Harrington, MD, Rhode Island Hospital
- Claudia R. Padilla, MD, Baylor Scott & White AT&T Memory Center
- Mary E. Quiceno, MD, University of North Texas Health Science Center
- Michael Schrift, DO, MA, FANPA, Northwestern University Feinberg School of Medicine
- Kyle Steinman, MD, MAS, University of Washington/Seattle Children's Hospital
- Jonathan H. Woodcock, MD, University of Colorado – Anschutz Medical Campus



2020 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.

UCNS Accredited Fellowship Programs

Fellowships

Currently Accredited: 6 | Attrition: 0
 Program Construction: 1 year (4); 1 or 2 years (2)
 Departments: Neurology (5); Neurology/Pediatrics (1)
 Program Director Specialty: Neurology (6)

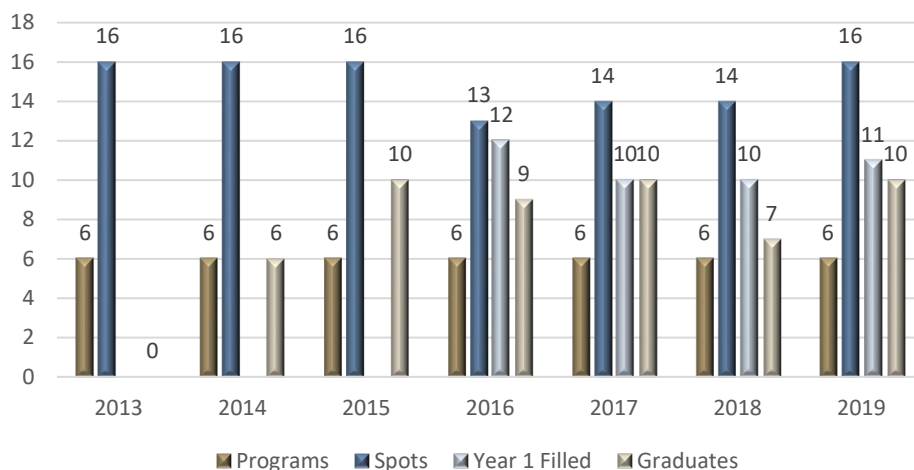
Fellows

Graduates: 52 | UCNS Certified: 15
 Primary Specialty: Neurology (50); Pediatrics (1); Peds Neuro (1) | ABMS/RCPSC: ABMS (43); RCPSC (2)

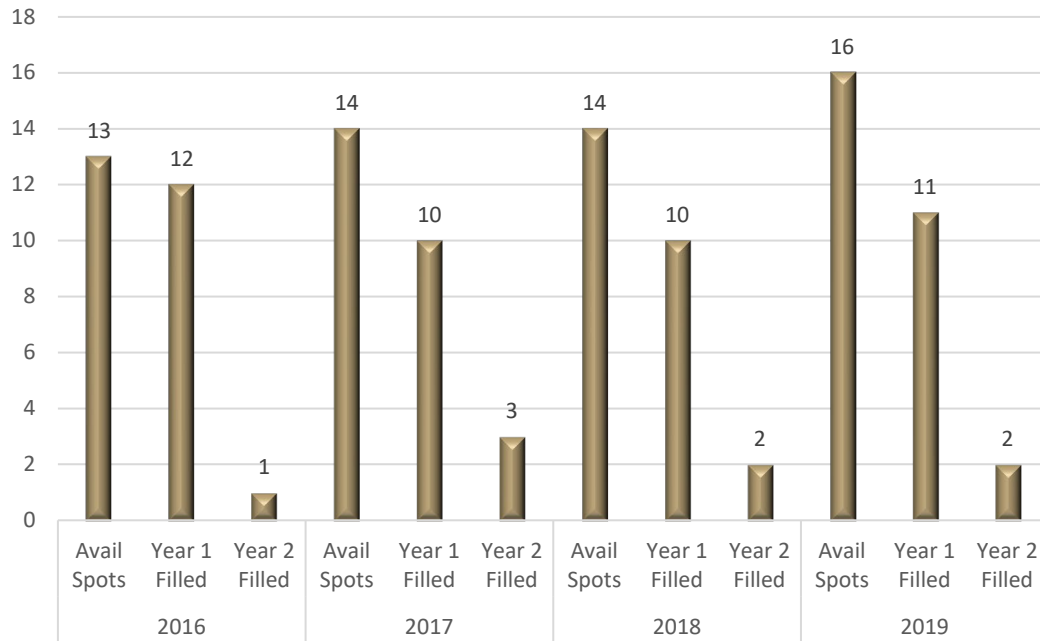
Enrollment

2016 Approved Spots: 13 | 2016 Filled: Year 1 (12); Year 2 (1)
 2017 Approved Spots: 14 | 2017 Filled: Year 1 (10); Year 2 (3)
 2018 Approved Spots: 14 | 2018 Filled: Year 1 (10); Year 2 (2)
 2019 Approved Spots: 16 | 2018 Filled: Year 1 (11); Year 2 (2)

CNMP Program Growth Through 2019



CNMP 2016-2019 Enrollment



UCNS Certification

Applicants must be a diplomate in good standing of the American Board of Medical Specialties (ABMS), American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons of Canada (RCPSC) in:

- Neurology
- Child neurology
- Physical medicine and rehabilitation

Diplomates

- 69 certified Clinical Neuromuscular Pathology diplomates
- Eligibility pathways:
 - Graduated from UCNS-accredited accredited training program
 - Practice track
- Next examination scheduled for October 4 – 8, 2021

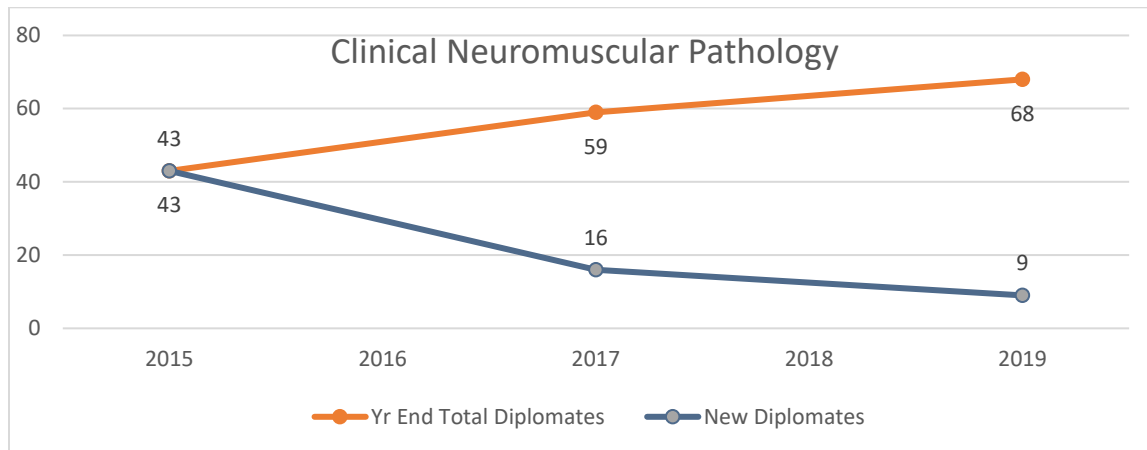
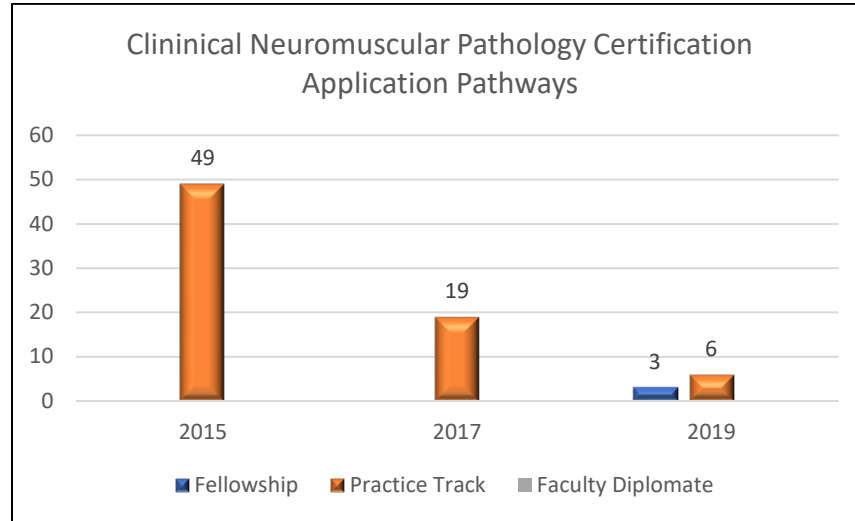
Continuous Certification (C-cert) Update

2020 Year End Diplomate C-cert Status Summary

Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
GN	0	6	5	11	60%
HM	117	455	134	706	78%
NCC	0	1097	389	1486	74%
NI	0	138	78	216	64%
NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

C-cert Quiz Outcomes (as of 12/31/20)				
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AD	32	91.11	33.58	9.95
BNNP	307	91.16	55.81	10.07
CNMP	43	95.53	41.54	9.39
GN	n/a	n/a	n/a	n/a
HM	448	91.74	48.8	9.92
NCC	1098	91.60	35.74	10.00
NI	130	90.95	54.59	10.53
NO	231	93.24	54.15	9.01
NRR	n/a	n/a	n/a	n/a
Totals	2289	92.19%	46.32	9.84

Initial Certification Update



Certification Pass Rates

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

Year-End Diplomate Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
Behavioral Neurology & Neuropsychiatry	388	403	382	407	421	475
Neuro-oncology	207	207	240	236	285	284
Clinical Neuromuscular Pathology	43	43	59	59	68	69
Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Clinical Neuromuscular Pathology Certification Examination](#) general eligibility criteria and online [Diplomate Directory](#) at www.ucns.org.

Subspecialty Sponsoring Organizations

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

- American Academy of Neurology Clinical Neuromuscular Pathology Section

2019/2020 UCNS Board of Directors Representative

- Mazen Dimachkie, MD, University of Kansas Medical Center

2019/2020 Certification Examination Committee

- P. James B. Dyck, MD, FAAN, Chair, Mayo Clinic
- Robert C. Bucelli, MD, PhD, Washington University School of Medicine
- Andrea M. Corse, MD, Johns Hopkins University School of Medicine
- Mazen Mohammad Dimachkie, MD, University of Kansas Medical Center
- Ahmed Mohamed Attia El-Dokla, MD, SUNY Upstate Medical University
- Raghav Govindarajan, MD, University of Missouri
- Shailani Mahajan, MD, Cedars-Sinai Medical Center
- Michelle L. Mauermann, MD, Mayo Clinic
- Margherita Milone, MD, PhD, Mayo Clinic
- Aziz Shaibani, MD, FACP, FAAN, Baylor College of Medicine



2020 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.

UCNS Accredited Fellowship Programs

Fellowships

Currently Accredited: 4 | Attrition: 3 (2015 x 2, 2019)
 Program Construction: 1 year (2); 1 or 2 years (1); 2 or 3 years (1)
 Departments: All programs located within neurology departments
 Program Director Specialty: Neurology (4)

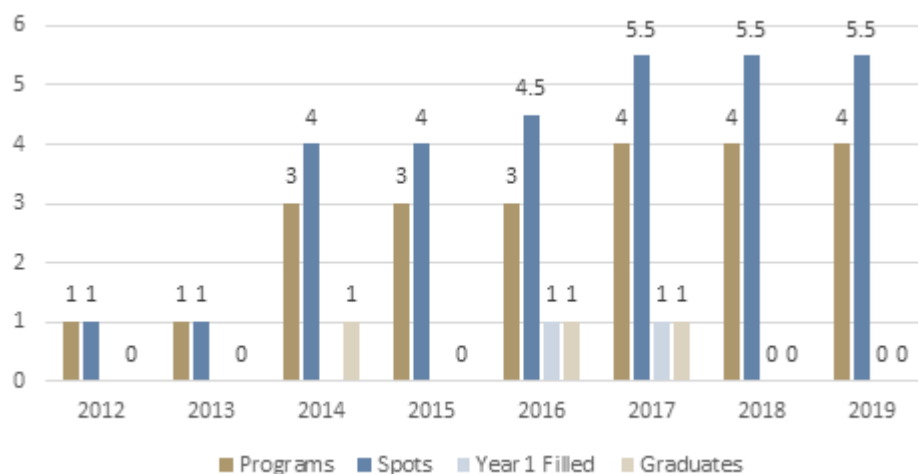
Fellows

Graduates: 3
 UCNS Certified: 0 (a UCNS examination has not been offered since fellows have graduated)
 Primary Specialty: Neurology (3) | ABMS/RCPS: ABMS (3)

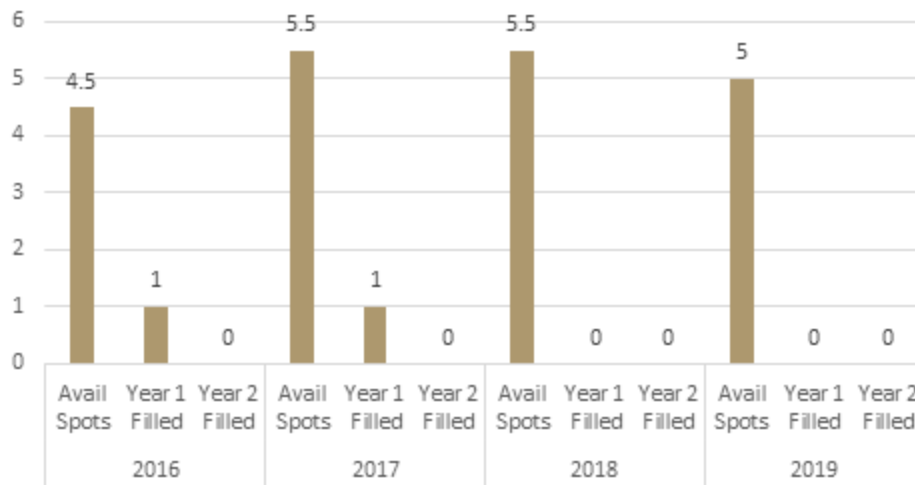
Enrollment

2016 Approved Spots: 4.5 | 2016 Filled: 1
 2017 Approved Spots: 5.5 | 2017 Filled: 1
 2018 Approved Spots: 5.5 | 2018 Filled: 0
 2019 Approved Spots: 5 | 2019 Filled: 0

GN Program Growth Through 2019



GN 2016-2019 Fellow Enrollment



UCNS Certification

Diplomates

- 11 certified Geriatric Neurology diplomates
- Certification examinations offered in 2009 and 2011 (8 and 11 applications respectively)
- Effective 2019, no future certification examinations will be offered for Geriatric Neurology due to low application numbers on previous examinations
- Subspecialty is eligible to reapply to reinstate certification if sustainable growth is demonstrated
- All remaining time-limited certificates expire at the end of 2021

2020 Year End Diplomat C-cert Status Summary

Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
GN	0	6	5	11	60%
HM	117	455	134	706	78%
NCC	0	1097	389	1486	74%
NI	0	138	78	216	64%
NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

Year-End Diplomate Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
Behavioral Neurology & Neuropsychiatry	388	403	382	407	421	475
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Clinical Neuromuscular Pathology	43	43	59	59	68	69
Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Behavioral Neurology & Neuropsychiatry Certification Examination](#) general eligibility criteria and online [Diplomate Directory](#) at www.ucns.org.

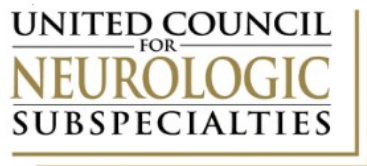
Subspecialty Sponsoring Organizations

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

- American Academy of Neurology Geriatric Neurology Section

2019/2020 UCNS Board of Directors Representative

- Barbara Joy Snider, MD, Washington University



2020 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.

UCNS Accredited Fellowship Programs

Fellowships

Currently Accredited: 45 | Attrition: 6 (2009, 2013, 2017 x 2; 2019, 2020)
 Program Construction: 1 year (43); 1 or 2 years (2)
 Departments: Neuro (38); Peds Neuro (3); Peds (3); Psych (1)
 Program Director Specialty: Neurology (44); Peds Neuro (1)

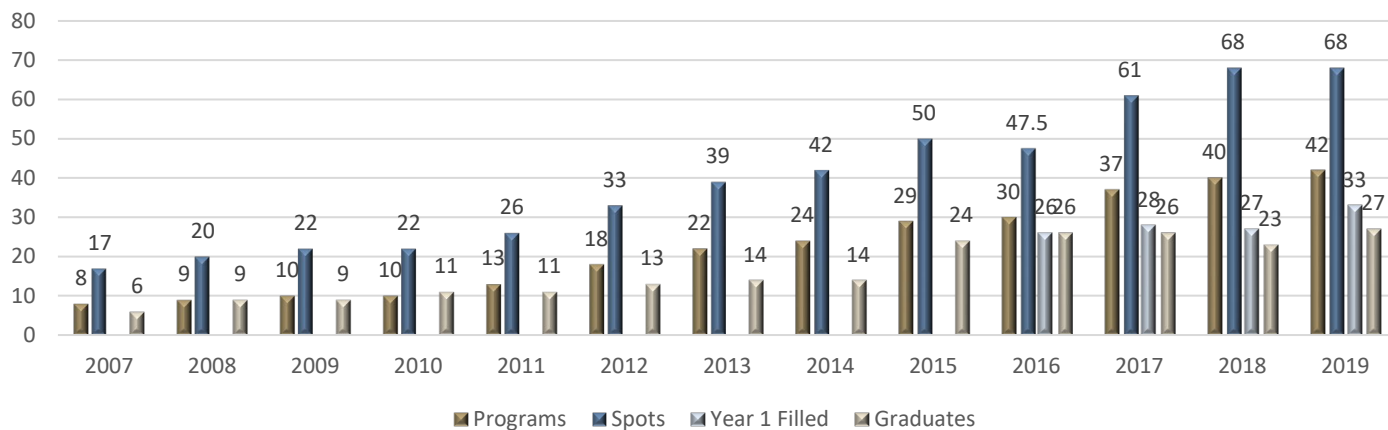
Fellows

Graduates: 213 | UCNS Certified: 153 (19 applications for 2020 examination)
 Primary Specialty: Neuro (194); Family Med (5); Physiatry (3); IM (4); Peds (2); Psych (2); Peds Neuro (1); Ophthalmology (1); Dentistry (1) | ABMS/RCPSC: ABMS (193); RCPSC (7); AOA (4)

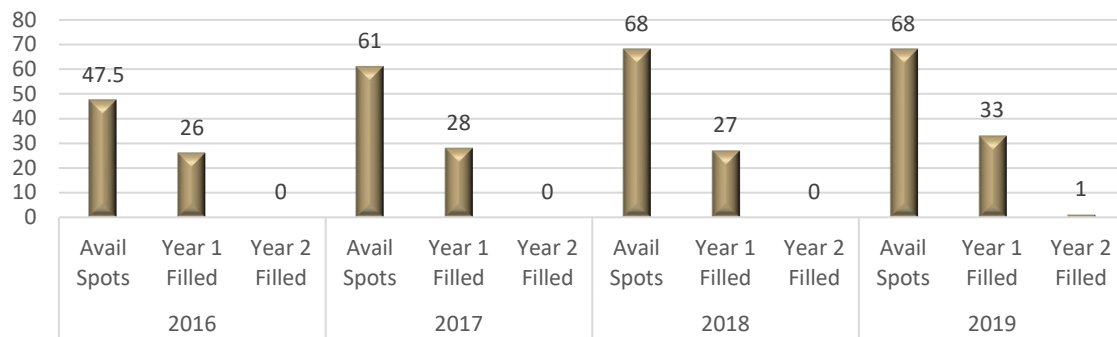
Enrollment

2016 Approved Spots: 47.5 | 2016 Filled: Year 1 (26); Year 2 (0)
 2017 Approved Spots: 61 | 2017 Filled: Year 1 (28); Year 2 (0)
 2018 Approved Spots: 68 | 2018 Filled: Year 1 (27); Year 2 (0)
 2019 Approved Spots: 68 | 2019 Filled: Year 1 (33); Year 2 (1)

HM Program Growth Through 2019



HM 2016-2019 Fellow Enrollment



UCNS Certification

Applicants must be a diplomate in good standing of the American Board of Medical Specialties (ABMS), American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC).

Diplomates

- 706 certified HM diplomates
- 126 applications received for 2020 exam vs 105 in 2018
 - 118 passed/4 failed
- Examination Date: October 5-9, 2020
- Next Examination Date: October 10-14, 2022
 - Application Period Opens: January 1, 2022
- Eligibility pathways:
 - Graduated from UCNS-accredited accredited training program or practice track

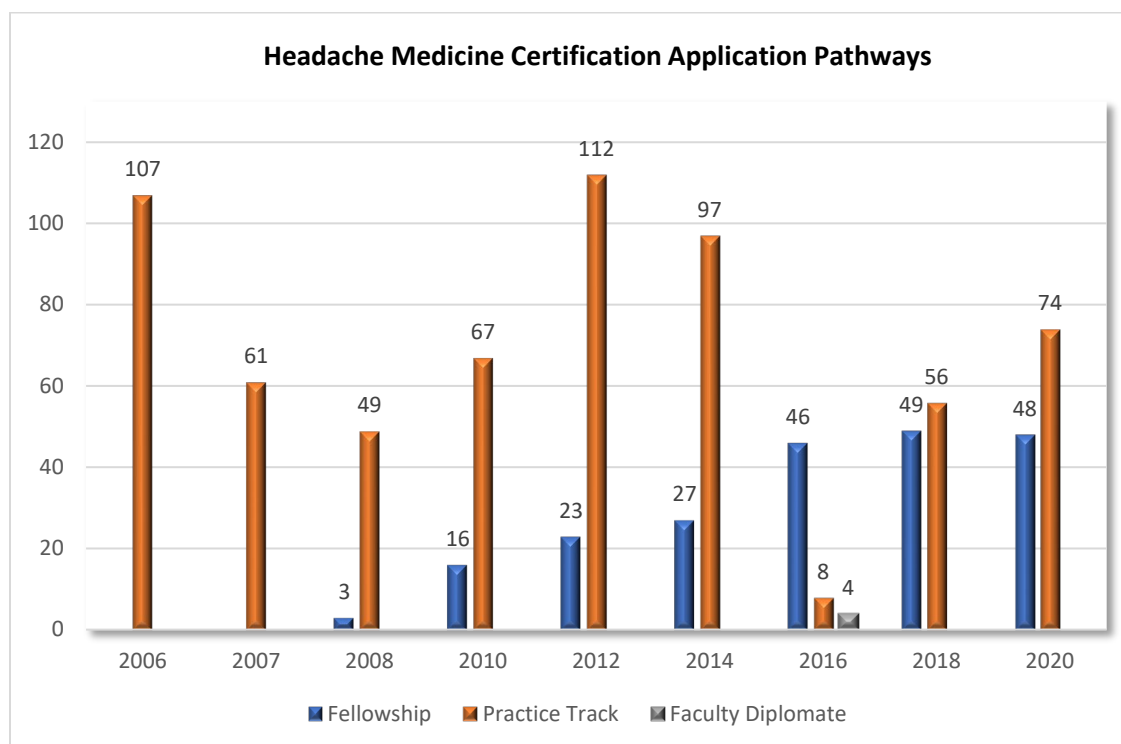
Continuous Certification (C-cert) Update

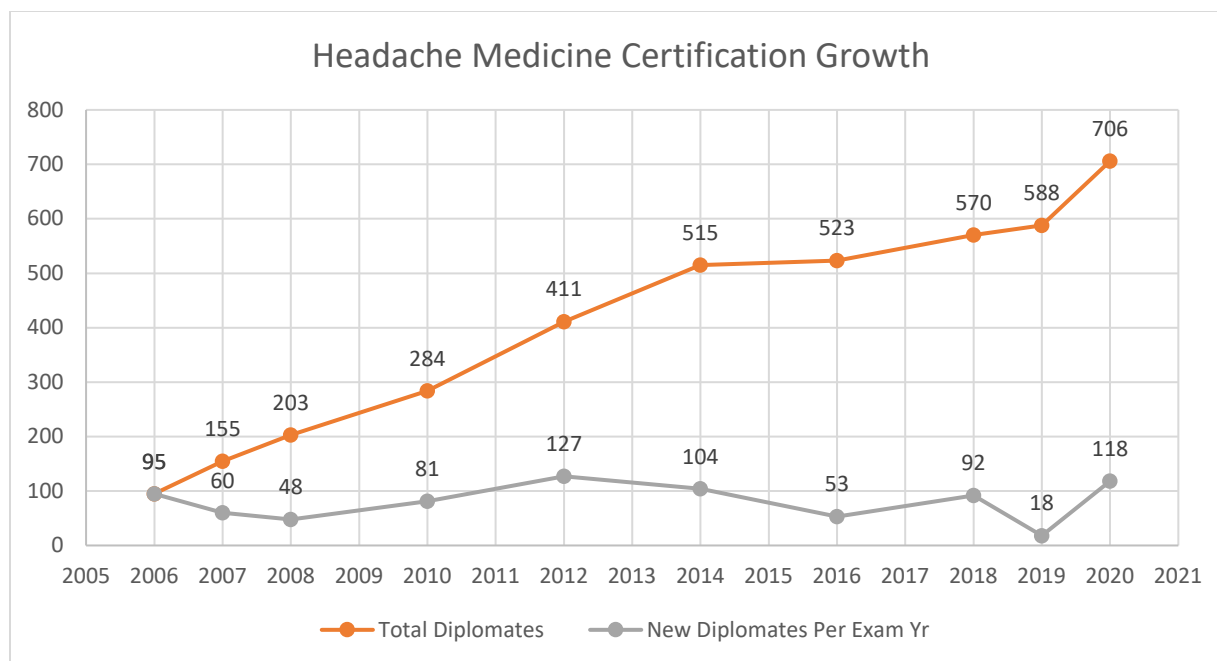
2020 Year End Diplomate C-cert Status Summary

Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
GN	0	6	5	11	60%
HM	117	455	134	706	78%
NCC	0	1097	389	1486	74%
NI	0	138	78	216	64%
NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

2020 C-cert Quiz Year End Outcomes				
Subspecialty	Total Passed Quiz	Average Pass Rate %	Average Quiz Completion Time (minutes)	Average CME Credits
AD	32	91.11	33.58	9.95
BNNP	307	91.16	55.81	10.07
CNMP	43	95.53	41.54	9.39
GN	n/a	n/a	n/a	n/a
HM	448	91.74	48.8	9.92
NCC	1098	91.60	35.74	10.00
NI	130	90.95	54.59	10.53
NO	231	93.24	54.15	9.01
NRR	n/a	n/a	n/a	n/a
Totals	2289	92.19%	46.32	9.84

Initial Certification Examination Update





NOTE: 2019 new diplomates were lapsed diplomates who reinstated. Not an exam year.

Practice track history and impact on certification:

- Originally available through 2012 with spike in certification applications for that year prior to closure
- Subspecialty requested and was granted an extension for 2014 examination
- Practice track not in place for 2016 examination resulted in 51% drop in applications from 2014
- Subspecialty requested and was granted a second practice track extension that includes the 2018 and 2020 examinations
- ~80% increase in applications received in 2018 when practice track reopened compared to 2016 when practice track was closed
- Number of potential applications received through fellowship pathway is directly related to number of programs and enrolled fellows

Certification Pass Rates (UCNS started tracking this in 2014)

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

Year-End Diplomate Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
Behavioral Neurology & Neuropsychiatry	388	403	382	407	421	475
Neuro-oncology	207	207	240	236	285	284
Clinical Neuromuscular Pathology	43	43	59	59	68	69
Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Headache Medicine Certification Examination](#) general eligibility criteria and online [Diplomate Directory](#) at www.ucns.org.

Subspecialty Sponsoring Organizations

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

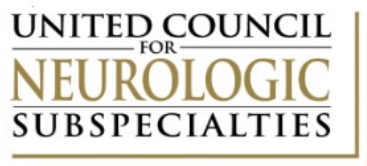
- American Academy of Neurology Headache & Facial Pain Section
- American Headache Society

2019/2020 UCNS Board of Directors Representative

- Noah L. Rosen, MD, Northwell Health Zucker School of Medicine

2019/2020 Certification Examination Committee

- Jerry Swanson, MD, Chair, Mayo Clinic
- Robert Kaniecki, MD, Vice-Chair, The Headache Center
- Randolph Evans, MD, Houston Methodist
- P. Christopher H. Gottschalk, MD, Yale Neurology Group
- Christine Lay, MD, Women's College Hospital
- Christopher B. Oakley, MD, Johns Hopkins University
- Jelena M. Pavlovic, MD, PhD, Montefiore Headache Center
- Lauren D. Strauss, DO, FAHS, Wake Forest Baptist Health
- Stewart J. Tepper, MD, Dartmouth College



2020 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.

UCNS Accredited Fellowship Programs

Fellowships

Currently Accredited: 73 | Attrition: 1 (2019)

Program Construction: 2 years (29); 1 or 2 years (42); 1, 2, or 3 (1); 2 or 4 (1) – post-graduate critical care medicine training (13); post-graduate neurosurgery (3); both (27)

Departments: Neuro (52); NS (14); CCM (3); Anesth (2); Infectious Disease (1); IM (1); Neuro/IM (1)

Program Director Specialty: Neuro (60); Emer Med (3); Neuro/IM (5); IM (3); NS (1); Anesth (1)

Fellows

Graduates: 652 | UCNS Certified: 495

Primary Specialty: Neuro (500); IM (66); EM (35); NS (18); Anesth (15); IM/Neuro (12); Radiology (2)

Family Med (1); Anesth/IM (1); Pulm (1); Vas Sur (1) | ABMS/RCPSC: ABMS (612); AOA (2); RCPSC (1)

Enrollment

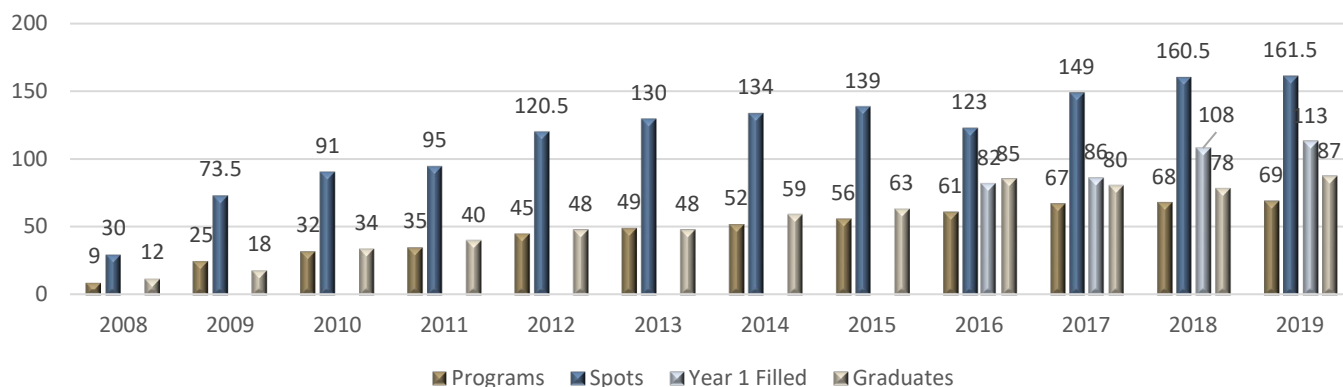
2016 Approved Spots: 123 | 2016 Filled: Year 1 (82); Year 2 (79)

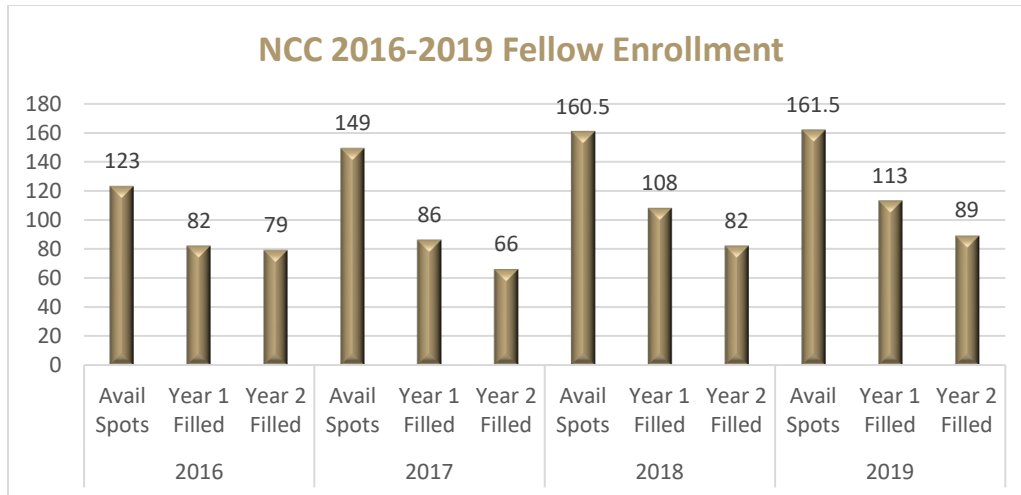
2017 Approved Spots: 149 | 2017 Filled: Year 1 (86); Year 2 (66)

2018 Approved Spots: 160.5 | 2018 Filled: Year 1 (108); Year 2 (82)

2019 Approved Spots: 161.5 | 2019 Filled: Year 1 (113); Year 2 (89)

NCC Program Growth Through 2019





UCNS Certification

Applicants must be a diplomate in good standing of the American Board of Medical Specialties (ABMS), American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC) in:

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

Diplomates

- 1,486 Neurocritical Care diplomates
- Eligibility pathways:
 - Graduated from UCNS-accredited training program or practice track
- 2021 certification examination scheduled for November 1-5
 - Application period opened February 1, 2021
 - Early application deadline: May 3, 2021
 - Extended application deadline: May 17, 2021
 - First ABPN NCC certification exam also offered in 2021

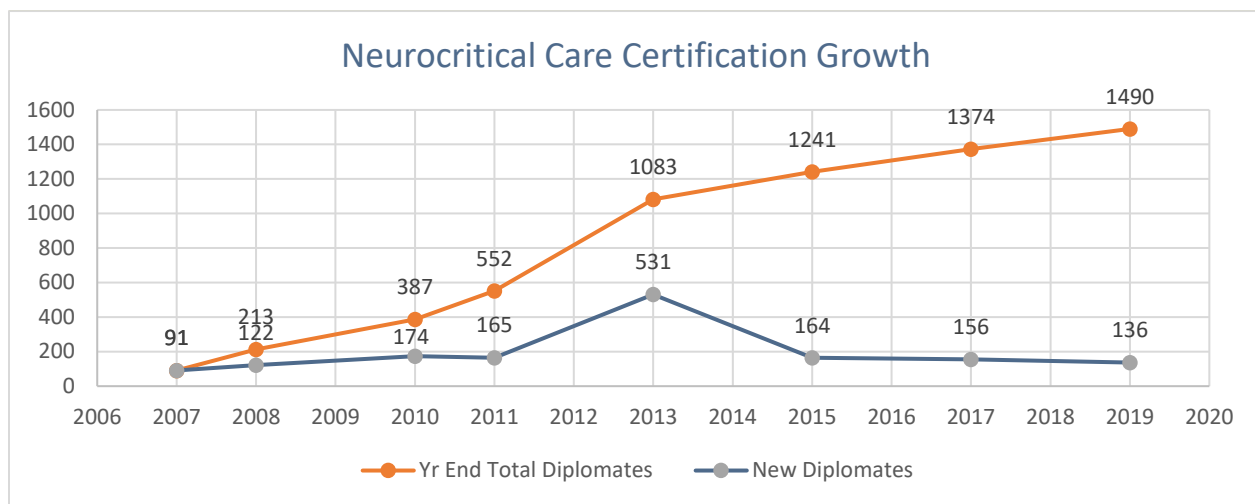
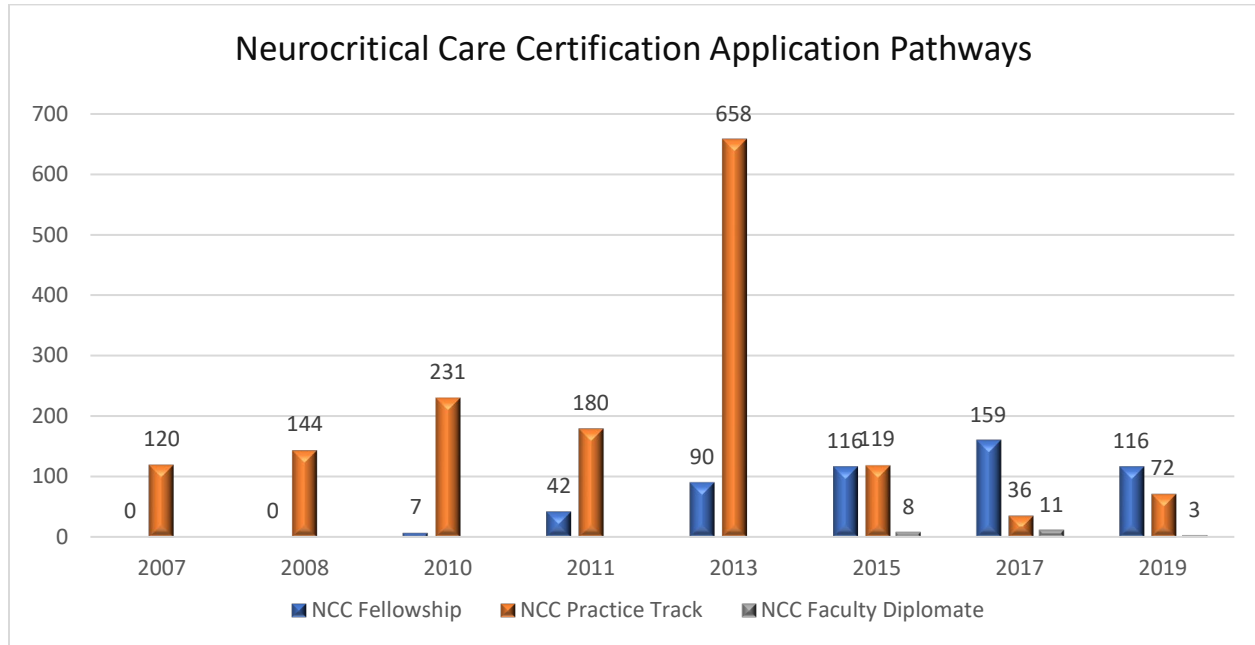
Continuous Certification (C-cert) Update

2020 Year End Diplomate C-cert Status Summary

Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
GN	0	6	5	11	60%
HM	117	455	134	706	78%
NCC	0	1097	389	1486	74%
NI	0	138	78	216	64%
NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

C-cert Quiz Outcomes (as of 12/31/20)				
Subspecialty	Total Passed Quiz	Average Pass Rate %	Average Quiz Completion Time (minutes)	Average CME Credits
AD	32	91.11	33.58	9.95
BNNP	307	91.16	55.81	10.07
CNMP	43	95.53	41.54	9.39
GN	n/a	n/a	n/a	n/a
HM	448	91.74	48.8	9.92
NCC	1098	91.60	35.74	10.00
NI	130	90.95	54.59	10.53
NO	231	93.24	54.15	9.01
NRR	n/a	n/a	n/a	n/a
Totals	2289	92.19%	46.32	9.84

Initial Certification Update



Certification 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%

Year-End Diplomate Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
Behavioral Neurology & Neuropsychiatry	388	403	382	407	421	475
Neuro-oncology	207	207	240	236	285	284
Clinical Neuromuscular Pathology	43	43	59	59	68	69
Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Behavioral Neurology & Neuropsychiatry Certification Examination](#) general eligibility criteria and online [Diplomate Directory](#) at www.ucns.org.

Subspecialty Sponsoring Organizations

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

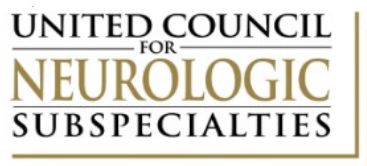
- American Academy of Neurology Critical Care & Emergency Neurology Section
- Neurocritical Care Society

2019/2020 UCNS Board of Directors Representative

- Angela Hays Shapshak, MD, University of Alabama Birmingham

2019/2020 Certification Examination Committee

- Christos Lazardis, MD, Chair University of Chicago
- Marin Darsie, MD, University of Wisconsin
- Bradley Dengler, MD, Walter Reed National Military Medical Center
- Sayona John, MD, Rush University Medical Center
- Lauren Koffman, DO, Rush University Medical Center
- Richard R. Riker, MD, FCCM, Maine Medical Center
- Ivan Rocha Ferreira da Silva, Rush University Medical Center
- 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



2020 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.

UCNS Accredited Fellowship Programs

Fellowships (Through June 2020)

Currently Accredited: 4 | Attrition: 2 (2013; 2019)

Program Construction: All four programs are one-year in duration

Departments: All four programs located within neurology departments

Program Director Specialty: All four program directors are neurologists

Fellows (Through December 2019)

Graduates: 37 | UCNS Certified: 24 (3 applications for 2020 examination)

Primary Specialty: Neurology (36); Unknown (1) | ABMS/RCPSC: ABMS (32); Unknown (1)

Enrollment

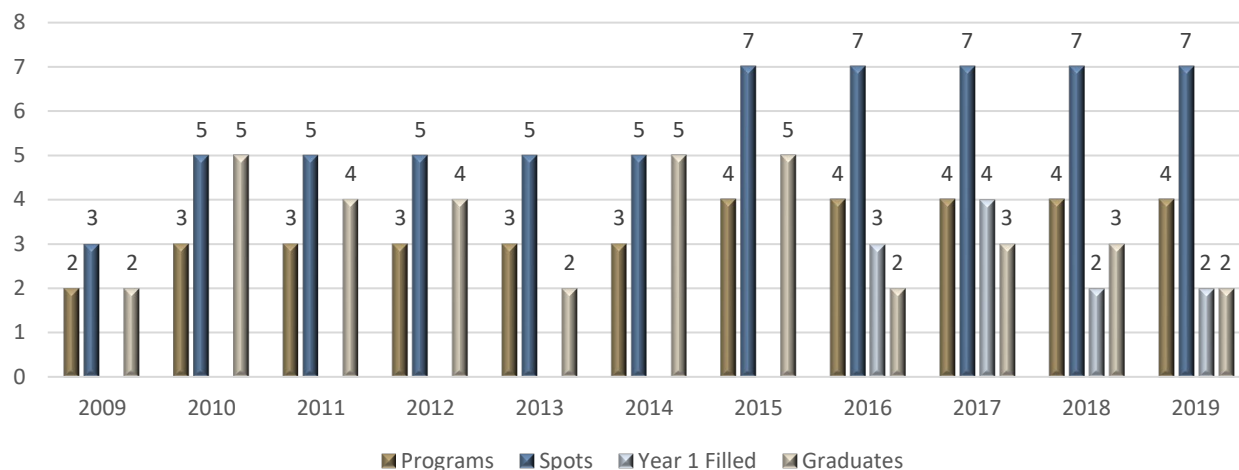
2016 Approved Spots: 7 | 2016 Filled: 3

2017 Approved Spots: 7 | 2017 Filled: 4

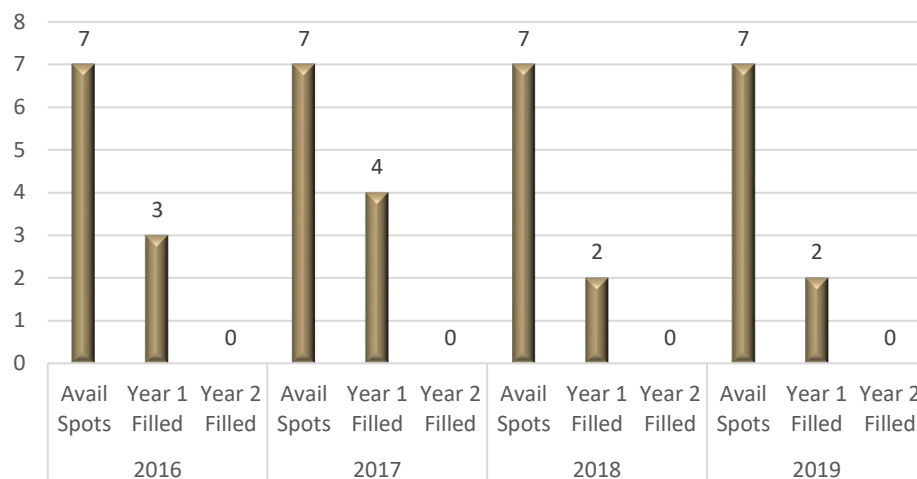
2018 Approved Spots: 7 | 2018 Filled: 2

2019 Approved Spots: 7 | 2019 Filled: 2

NI Program Growth Through 2019



NI 2016-2019 Fellow Enrollment



UCNS Certification

Applicants must be a diplomate in good standing of the American Board of Medical Specialties (ABMS), American Osteopathic Association (AOA), or the Royal College of Physicians and Surgeons (RCPSC) in:

- Neurology
- Child Neurology

Diplomates

- 216 Neuroimaging diplomates
- Eligibility pathways:
 - Graduated from UCNS-accredited training program
 - Practice track (Available since 2013)
- 2021 examination took place February 8-12, 2021
 - 6 applications approved for 2021 exam
 - ~50% decrease in applications from 15 applications received in 2019, third consecutive decrease in applications

Continuous Certification (C-cert) Update

2020 Year End Diplomate C-cert Status Summary

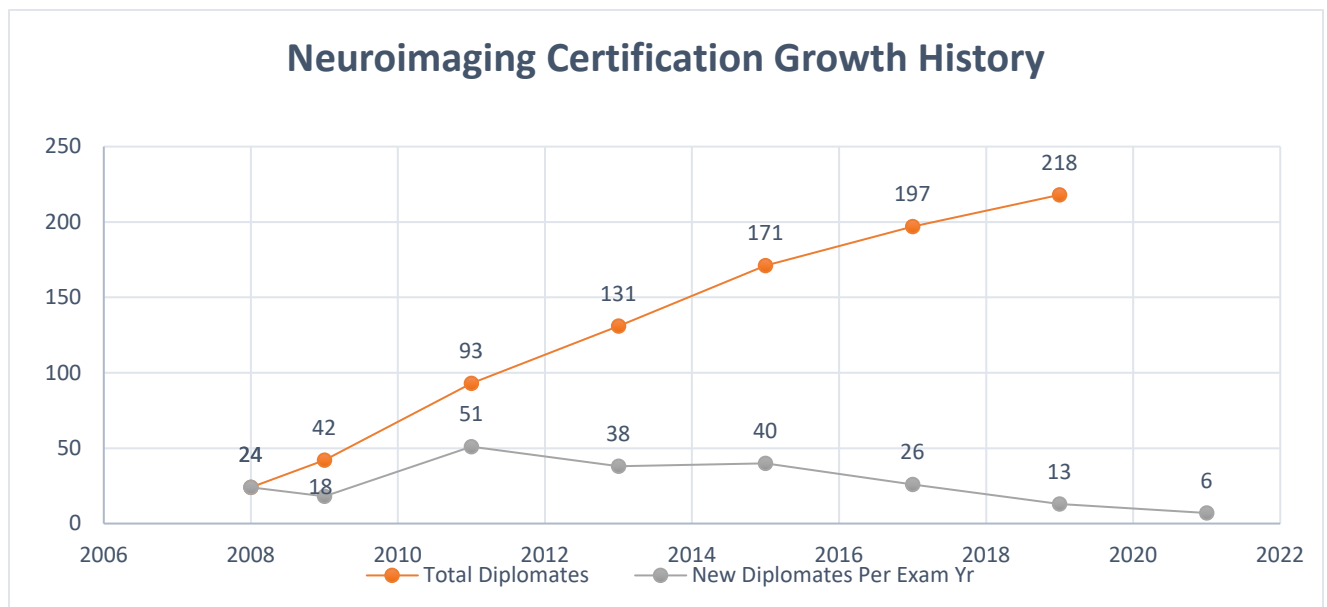
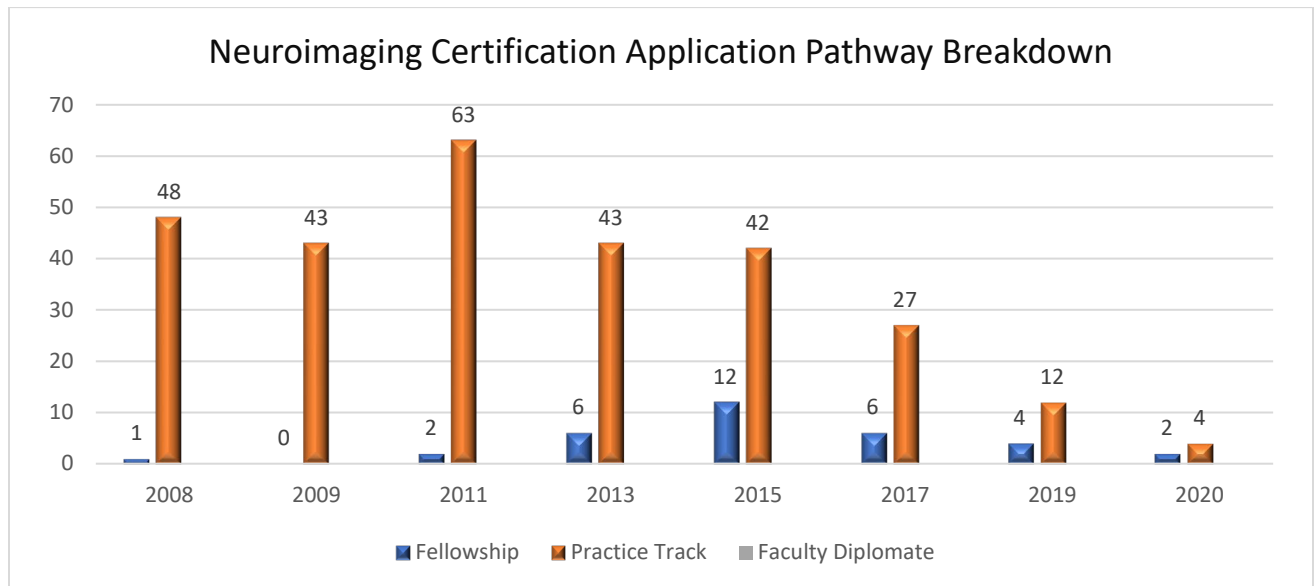
Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
GN	0	6	5	11	60%
HM	117	455	134	706	78%
NCC	0	1097	389	1486	74%
NI	0	138	78	216	64%
NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

C-cert Quiz Outcomes

(as of 12/31/20)

Subspecialty	Total Passed Quiz	Average Pass Rate %	Average Quiz Completion Time (minutes)	Average CME Credits
AD	32	91.11	33.58	9.95
BNNP	307	91.16	55.81	10.07
CNMP	43	95.53	41.54	9.39
GN	n/a	n/a	n/a	n/a
HM	448	91.74	48.8	9.92
NCC	1098	91.60	35.74	10.00
NI	130	90.95	54.59	10.53
NO	231	93.24	54.15	9.01
NRR	n/a	n/a	n/a	n/a
Totals	2289	92.19%	46.32	9.84

Initial Certification Update



Certification Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Neuroimaging	2015	90%	86%
	2017	100%	84%
	2019	100%	100%
	2021	N/A	N/A
NOTE: Data collection started in 2013; Non-fellow category includes practice track, retests, and faculty diplomate candidates			

Year-End Diplomat Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
Behavioral Neurology & Neuropsychiatry	388	403	382	407	421	475
Neuro-oncology	207	207	240	236	285	284
Clinical Neuromuscular Pathology	43	43	59	59	68	69
Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Neuroimaging Certification Examination](#) general eligibility criteria and online [Diplomate Directory](#) at www.ucns.org.

Subspecialty Sponsoring Organizations

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

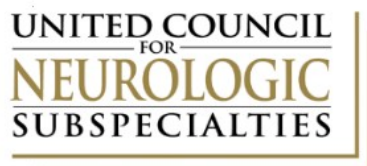
- American Society of Neuroimaging

2019/2020 UCNS Board of Directors Representative

- Joseph Masdeu, MD, PhD, Houston Methodist Hospital

2019/2020 Certification Examination Committee

- Joshua Peter Klein, MD, PhD, Chair, Brigham and Women's Hospital
- Rebecca M. Sugg, MD, Vice-Chair, University of Mississippi Medical Center
- Carmel Armon, MD, MHS, Tel Aviv University Sackler School of Medicine
- Jon Y. Choi, MD, PhD, Walter Reed National Military Medical Center
- Alireza Faridar, MD, Houston Methodist Neurological Institute
- Jerome Graber, MD, University of Washington Medical Center
- Nazar Haidri, MD
- Gustavo Rodriguez, MD, Paul L. Foster School of Medicine
- Mohammad Obadah Nakawah, MD, Houston Methodist Neurological Institute
- Catherine A. Weymann-McKinney, MD, Guilford Neurologic Associates



2020 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.

UCNS Accredited Fellowship Programs

Fellowships

Currently Accredited: 36 | Attrition: 1 (2015)
 Program Construction: 1 year (8); 2 years (6); 1 or 2 years (18); 1, 2, or 3 years (3); 2 or 3 years (1)
 Departments: Neurology (30); Neurosurgery (5); Psychiatry (1)
 Program Director Specialty: Neurology (33); Neurosurgery (1); Neuro Peds (1)

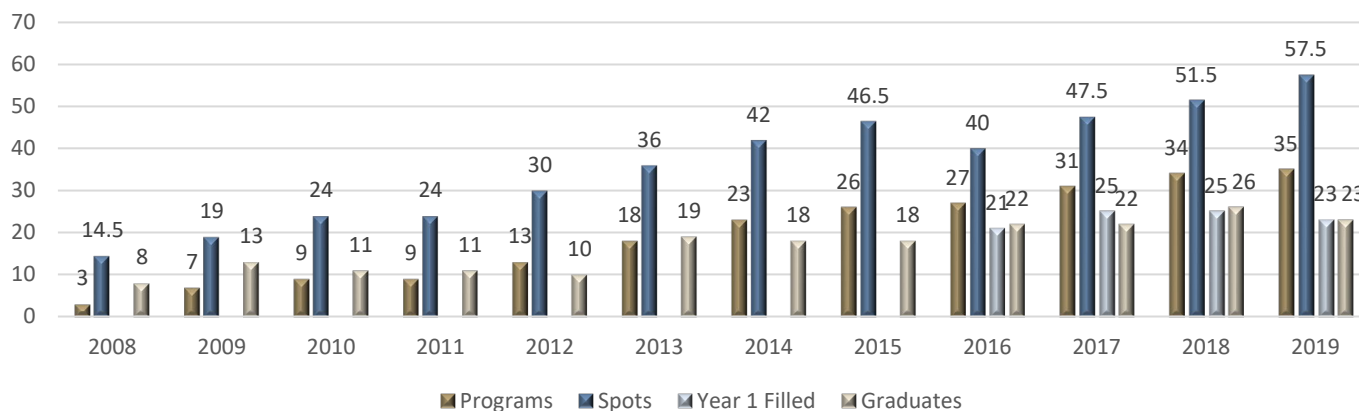
Fellows

Graduates: 201 | UCNS Certified: 154
 Primary Specialty: Neuro (182); Hem-Onc (4); IM (4); IM/Hem-Onc (3); Med Onc (3); NS (2); Peds (1); Psych/Neuro (1); Peds/Hem Onc (1) | ABMS/RCPSC: ABMS (165); RCPSC (3)

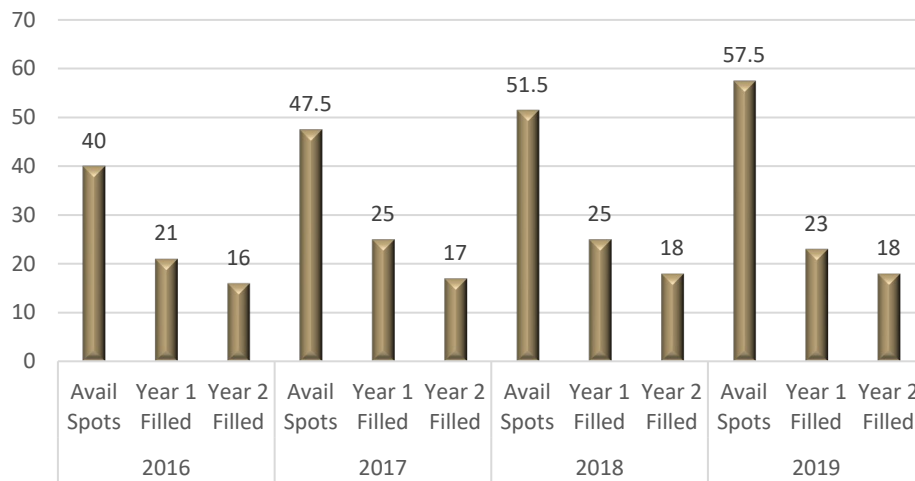
Enrollment

2016 Approved Spots: 40 | 2016 Filled: Year 1 (21); Year 2 (16)
 2017 Approved Spots: 47.5 | 2017 Filled: Year 1 (25); Year 2 (17)
 2018 Approved Spots: 51.5 | 2018 Filled: Year 1 (25); Year 2 (18)
 2019 Approved Spots: 57.5 | 2019 Filled: Year 1 (23); Year 2 (18)

NO Program Growth Through 2019



NO 2016-2019 Fellow Enrollment



UCNS Certification

Applicants must be a diplomate in good standing of the American Board of Medical Specialties (ABMS), 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

Diplomates

- 284 certified NO diplomates
- Eligibility pathways:
 - Graduated from UCNS-accredited accredited training program
 - Practice track
 - Was available through 2015 examination
 - Practice track expired for 2017 exam resulting in 57% fewer applications
 - Practice track eligibility reopened and available for 2019 and 2021 examinations
 - Next certification examination: September 13-17, 2021
 - 54 applications received for 2021 examination

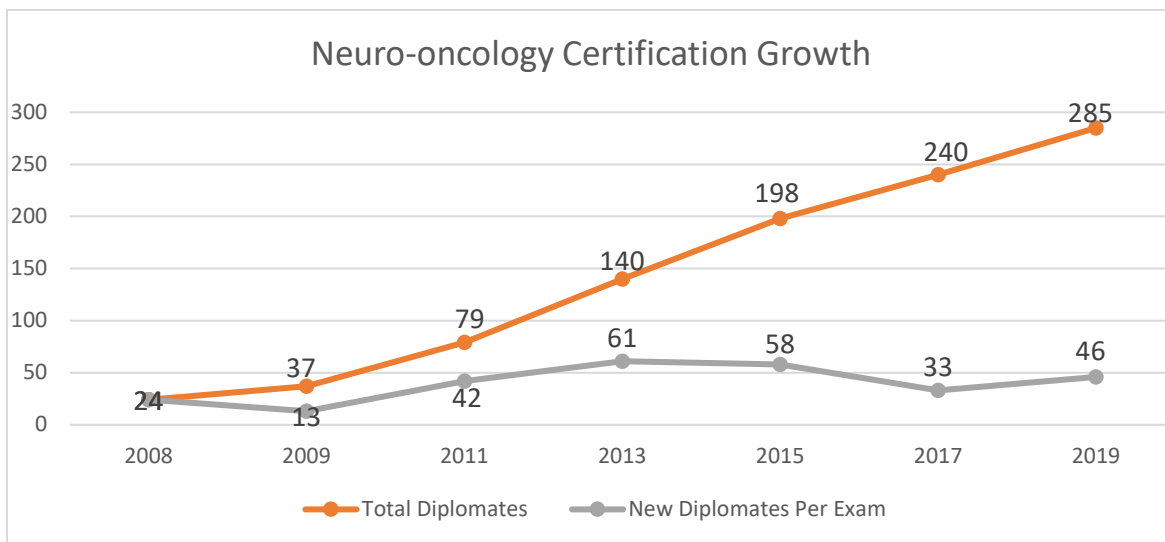
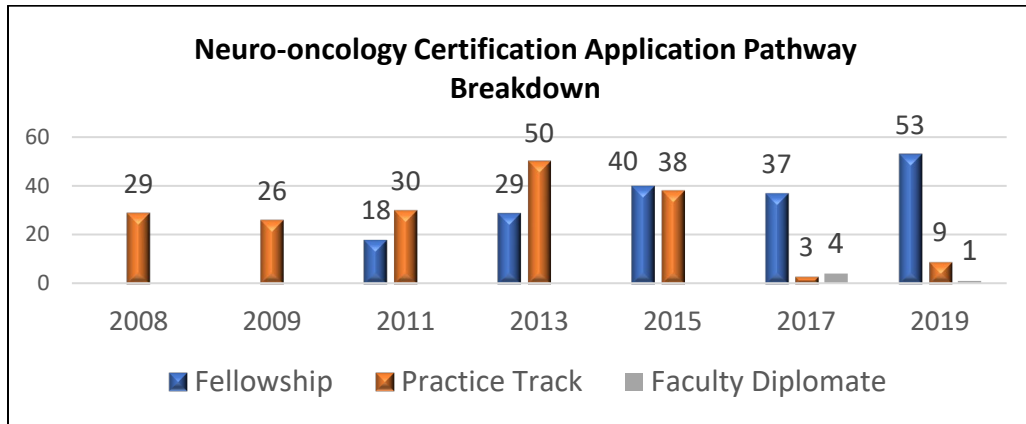
Continuous Certification (C-cert) Update

2020 Year End Diplomate C-cert Status Summary

Subspecialty	2020 New Dips	YE 2020 Dips Mtg Req	YE 2020 Dips Not Mtg Req	YE 2020 Total Dips	% of Total 2019 Dips Mtg Req at YE 2020
AD	7	37	12	56	77%
BNNP	55	315	105	475	75%
CNMP	0	54	15	69	79%
GN	0	6	5	11	60%
HM	117	455	134	706	78%
NCC	0	1097	389	1486	74%
NI	0	138	78	216	64%
NO	0	237	47	284	83%
NRR	0	8	14	22	36%
Totals	179	2347	799	3325	75%

C-cert Quiz Outcomes (as of 12/31/20)				
Subspecialty	Total Passed Quiz	Average Pass Rate %	Average Quiz Completion Time (minutes)	Average CME Credits
AD	32	91.11	33.58	9.95
BNNP	307	91.16	55.81	10.07
CNMP	43	95.53	41.54	9.39
GN	n/a	n/a	n/a	n/a
HM	448	91.74	48.8	9.92
NCC	1098	91.60	35.74	10.00
NI	130	90.95	54.59	10.53
NO	231	93.24	54.15	9.01
NRR	n/a	n/a	n/a	n/a
Totals	2289	92.19%	46.32	9.84

Initial Certification Update



Certification Pass Rates

Subspecialty	Year	Fellow Pass Rate	Non-Fellow Pass Rate
Neuro-oncology	2015	89%	76%
	2017	83%	67%
	2019	77%	56%
NOTE: Data collection started in 2013; Non-fellow category includes practice track, retests, and faculty diplomate candidates			

Year-End Diplomate Counts by Subspecialty

Subspecialty	2015 Yr End Diplomates	2016 Yr End Diplomates	2017 Yr End Diplomates	2018 Yr End Diplomates	2019 Yr End Diplomates	2020 Yr End Diplomates
Neurocritical Care	1,241	1,240	1,374	1,337	1,490	1,486
Headache Medicine	520	523	484	570	588	706
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Autonomic Disorders	27	38	37	48	48	56
Neuroimaging	180	180	206	187	218	216
Geriatric Neurology	18	18	18	18	18	11
Neural Repair and Rehabilitation	23	23	23	23	23	22
TOTALS	2,647	2,675	2,823	2,885	3,159	3,325

View the [UCNS Neuro-oncology Certification Examination](#) general eligibility criteria and online [Diplomate Directory](#) at www.ucns.org.

Subspecialty Sponsoring Organizations

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

- American Academy of Neurology Neuro-oncology Section

2019/2020 UCNS Board of Directors Representative

- Justin T. Jordan, MD, MPH

2019/2020 Certification Examination Committee

- Howard Colman, MD, Chair, University of Utah Huntsman Cancer Institute
- Minesh P. Mehta, MD, Vice Chair, University of Maryland Medical School
- Joy Ellen Burke, MD, University of Rochester
- David M. Cachia, MD, Medical University of South Carolina
- Christian Grommes, MD, Memorial Sloan Kettering Cancer Center
- Yasmine 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