American Association of Neuropathologists



Fall 2017 Newsletter

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Big News

ACCME Accreditation Decision

Excitement transpired in July 2017 when AANP was awarded *Accreditation with Commendation* from the Accreditation Council for Continuing Medical Education (ACCME). With the impeccable status of commendation, AANP will benefit from an extended, six-year accreditation term, running through July 31, 2023. This successful outcome is the result of significant collaboration and effort. Thank you to all those who contributed. Read more about the ACCME decision by viewing this announcement.



Important Items



Mark Your Calendars!

- Annual Membership Survey Launch: Early October
- November 1, 2017:
 - o 2018 Membership Renewal Launches
 - o 94th Annual Meeting Registration Launches
- **December 1, 2017**: AANP Abstract Submission Site open for submissions
- June 7 10, 2018: 94th Annual Meeting



Reminders

- Renew your membership by December 31, 2017 to ensure member benefits
- Complete the Annual Membership Survey by November 10, 2017

Thoughts for AANP Members

Hurricane Harvey, Hurricane Irma, and the Forest Fires in the Northwest

The year 2017 will be prominent in people's minds for many years to come. Natural disasters struck North America from all angles and left behind utter devastation. The AANP would like all in harm's way to know that you have and will be in the AANP's thoughts. Please feel free to reach out to aanp@aoeconsulting.com if there is anything the AANP can do to support members impacted.

On the Horizon

Membership Survey

The educational offerings at each year's Annual Meeting are largely based off of the Annual Membership Survey. Last year, there were 115 respondents, and this year we are hopeful to receive even more responses to assist in the selection of future topic areas. The Annual Membership Survey will launch in early October 2017. Responses are important in helping to document areas of educational need, which is a requirement of our accreditation board – the Accreditation Council for Continuing Medical Education (ACCME). For more information, see the Professional Affairs Committee update below.

2018 Membership Renewal

It's nearly that time of year again! Membership renewal for 2018 will launch on November 1, 2017. Last year membership renewal occurred after a transition to a new website hosted by MemberClicks. This year, 2018 Membership Renewal will remain with the same host, and we are hopeful that the process will ensue smoothly. During the renewal period, if you have inquiries, do not hesitate to contact the AANP Office at aanp@aoeconsulting.com or (720) 372 -0888.

SAMs Bundle Purchasing

The self-assessment modules (SAMs) bundle was an abounding success in 2017, with over 75 bundles purchased. The SAMs bundle will again be available for purchase during 2018 membership renewal, for \$150.00. This purchase allows for unlimited access to all live SAMs from December 1, 2017 through December 31, 2018. Each year the Education Committee will launch a minimum of 10 SAMs, which includes the SAMs for the Annual Meeting. Individual SAMs may still be purchased for \$25.00 each. We encourage those who must fulfill MOC requirements to purchase the SAMs bundle as it provides a discounted rate.

94th Annual Meeting

As 2017 begins to wind down, the excitement for the 94th Annual Meeting of the American Association of Neuropathologists begins to build. On deck, Louisville, Kentucky! The meeting will occur on June 7-10, 2018, at the Hyatt Regency Louisville. Be on the lookout for an email blast containing registration information, including the link for registration, as well as the link to book your hotel room. Annual Meeting registration will launch on Wednesday, November 1, 2017. As well, abstract submissions for



the Annual Meeting will begin on Friday, December 1, 2017. We are looking forward to seeing you in Kentucky!



248 days until June 7, 2018

93rd Annual Meeting Review

The 93rd Annual Meeting was quite a success! Nearly 400 attendees passed through the doors from June 8 – 11, 2017 at the Hyatt Regency in Orange County, California. The Annual Meeting kicked off on Thursday, June 8, with the *Special Course*, and concluded with the *Presidential Symposium* on Sunday, June 11. Platform sessions, named lectures, and poster viewing kept meeting goers captivated on Friday and Saturday.

The day-long Special Course: Genetics, Genomics, and Epigenomics in Clinical Neuropathology Practice and Understanding Autism, was planned and organized by Arie Perry, MD and Cheryl Palmer, MD. The Special Course included expert faculty all of whom were well-received by attendees.

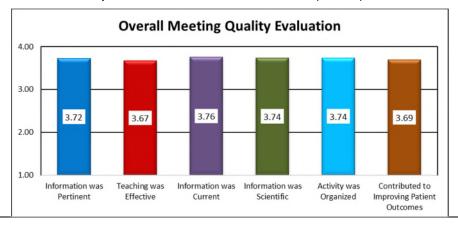
As the Annual Meeting progressed, speakers for named lectures shared their presentations. Sean Pittock, MD of the Mayo Clinic presented this year's Parisi Lecture, *Autoimmune Gliopathies: A Journey of Discovery*. The DeArmound Lecture, *Structure, Function, Connectivity, Development, and Evolution of Human Cerebral Cortex*, was given by David Van Essen, PhD, of Washington University in St. Louis. The Korey Lecture, *Disease Modifying Therapeutical Approaches for Synucleinopathies of the Aging Population*, was given by Eliezer Masliah, MD of the National Institute on Aging. The final named lecture presenter of the Annual Meeting was M. Beatriz S. Lopes, MD, PhD, who presented the Moore Lecture, *An Update of the WHO Classifications of Tumors of the Pituitary Gland*, 4th Edition.



Saturday evening held the ever popular, *Diagnostic Slide Session*, held by Caterina Giannini, MD, PhD, DSS Moderator and Rebecca Folkerth, MD, DSS Manager. The 2017 cases can be viewed here.

For the finale of the meeting, the *Presidential Symposium* focused on Zika Virus and perinatal neuropathology, and approaches to teaching neuropathology. Presentations were given by Leila Chimelli, MD, PhD; Marc Del Bigio, MD, PhD, FRCPC, and a joint-presentation by Arie Perry, MD; Brian Moore, MD, MEd; and Cheryl Palmer, MD.

Overall the meeting was well received. The figure below displays the mean ratings for each of the six questions assessing the participants' evaluations of the quality of the Annual Meeting. As can be seen, all ratings are uniformly high, indicating that participants felt that (1) the information presented was pertinent to their professional needs, (2) the teaching and learning methods were effective, (3) the information presented was current, (4) the information was presented in a fair and balanced manner with scientific rigor, (5) the activity was well organized and managed, and (6) the content contributes valuable information that will assist in improving patient outcomes (Response scale ranges from "1-Strongly Disagree" to "4-Strongly Agree"). Additionally, participants indicated that this activity was free from commercial bias (99.5%).



Awards

Terry Award

Best Basic/Translational paper in Neurodegeneration

Abstract 3

The atomic structures of Tau filaments from Alzheimer disease brain

Anthony Fitzpatrick¹, Ben Falcon¹, Shaoda He¹, Alexey Murzin¹, Garib Murshudov¹, Holly Garringer², R. Anthony Crowther¹, Bernardino Ghetti², Michel Goedert¹, Sjors Scheres¹

¹MRC laboratory of Molecular Biology; ²Indiana University School of Medicine



Terry Award

Best Basic/Translational paper in Neurodegeneration

Honorable mention:

Abstract 6

Cryptic exon splicing repression by TDP-43 represents its major function compromised in Alzheimer's disease and ALS/FTD





Hirano Award

Best Clinco-Pathologic paper in Neurodegeneration

Abstract 128

The Pathological Distribution of Lewy Body Disease in Chronic Traumatic Encephalopathy

Jason Adams¹, Victor Alvarez², B. Huber², Weiming Xia³, Ann McKee2, Thor Stein2

¹Boston University School of Medicine; ²Boston University School of Medicine Department of Veterans Affairs;

3Department of Veterans Affairs

Rubinstein Award

Best paper in Neuro-oncology

Moore Award

Best Clinco-Pathologic paper in Neuropathology (except neurodegeneration: Hirano)

Abstract 138

Brain Tumors and Neuroanatomical Imaging by Microscopy with UV Surface Excitation (MUSE)

Nicholas Coley¹, Miao Tian¹, Ferez Fereidouni¹, Zachary Harmany¹, Alexander Borowsky¹, David Zagzag², Richard Levenson¹, Mirna Lechpammer¹

¹University of California, Davis; ²New York University



Rubinstein Award

Best paper in Neuro-oncology

Honorable mention:

Abstract 202

LEF1 Immunohistochemistry Identifies CTNNB1-mutated Medulloblastomas



Diana Thomas¹, Geoffrey Murdoch¹, Ronald Hamilton¹ ¹University of Pittsburgh



Alternative splicing of neurofibromin 1 is an alternate mechanism of MAPK pathway activation in high grade astrocytoma



Cynthia Hawkins¹, Arun Ramani¹, Man Yu¹, Michael Brudno², Robert Siddaway¹

¹The Hospital for Sick Children; ²The Hospital for Sick Children, The University of Toronto





Weil Award

Best paper in Experimental Neuropathology

Abstract 114
Elucidating the roles of the NBIA-mutated protein c19orf12 in mitochondrial function and metal homeostasis

Rajnish Bharadwaj¹, Leo Pallanck¹

¹University of Washington Medical Center



Diagnostic Slide Session

For the Best Case Presented at the 93rd Annual Meeting

Case 2017-2

Drew Williamson

Diagnostic Slide Session

Honorable Mention
For the Best Case Presented at the
93rd Annual Meeting

Case 2017-10

Andrew R. Guajardo, MD





Meritorious Contributions to Neuropathology

The awards for Meritorious Contributions to Neuropathology recognize members who have made significant contributions to the advancement of knowledge in neuropathology and provided service to the American Association of Neuropathologists. Each recipient of the award is nominated by the President, in conjunction with the Nominating Committee, and with the approval of the Executive Council. This year's awards were presented to Harry V. Vinters, MD and Ronald C. Kim, MD.





Trainee Luncheon

The annual Trainee Luncheon occurred on June 9, 2017 and was hosted by Suzanne Powell, MD. This annual event was sponsored by *JNEN*, and an overview of the journal was presented by Ray Sobel, MD. The luncheon included a neuropathologist panel discussion about the job market, a book raffle, and the presentation of travel awards.

<u>Travel Awards:</u> The American Association of Neuropathologists presented six \$1,000.00 travel awards to the following recipients: Timothy E. Richardson, DO, PhD; Nicholas B. Coley, MD, PhD; Hsiang-Chih Lu, MD, PhD; Diana L. Thomas, MD, PhD; Krystal Herline, and Eri Saijo, PhD. Along with the AANP travel awards, there were four travel awards, at \$2,500 each, presented from the International Society of Neuropathology to recipients: Ho Keung Ng, MD; Yasha T. Chickabasaviah, MD; Seong-lk Kim, MD; and Malak Abedalthagafi, MD.

Annual Business Meeting – June 2017

The following committee updates provide a high-level overview of the committee reports presented at the June 2017 Business Meetings as well as pertinent updates.

Committee Updates

Awards Committee

The Awards Committee, consisting of 21 total members, reviewed 219 abstracts for 2017. This was a substantial increase from 178 abstracts submitted in 2016. Of the 219 abstracts this year, 64 were presented as platform sessions, and 155 were poster presentations. During the 93rd Annual Meeting, there were 5 awards and 2 honorable mention awards presented for abstracts. See the <u>Awards</u> section in 93rd Annual Meeting Review.

Program Committee

The Program Committee organized abstract submissions using the same abstract management site as last year. Overall, 219 abstracts were submitted, and 124 of these were submitted by trainees. The total number of abstracts submitted showed a 23% increase from 2016 (178 abstracts), and a 16% increase form 2015 (188 abstracts). The following chart shows the distribution of abstracts submitted across categories.

| Category | Abstracts (n) | Abstracts (%) | Platform (n) | Platform (%) |
|----------------------------|---------------|------------------|-----------------|-----------------|
| Tumors | 95 | 43 | 23 | 36 |
| Neurodegenerative | 66 | 30 | 16 | 25 |
| Muscle, Nerve and Eye | 8 | 4 | 8 | 12.5 |
| Pathology | | | | |
| Demyelinating/inflammatory | 7 | 3 | 0 | 0 |
| Infectious | 6 | 3 | 0 | 0 |
| Developmental/Pediatric | 15 | 7 | 8 | 12.5 |
| CTE/Trauma | 8 | 4 | 8 | 12.5 |
| Vascular/Stroke | 5 | 2 | 0 | 0 |
| Other | 9 | 4 | 1 | 1.5 |
| Total | 219 | 100 | 64 | 100 |

The Abstract Submission site will be open for submissions for the 94th Annual Meeting beginning December 1, 2017.

Nominating Committee

At the 2017 Annual Meeting, the Nominating Committee announced the following Executive Council Nominations:

President-Elect: Matthew Frosch, MD, PhD Vice President-Elect: R. Ross Reichard, MD

VP for Professional Affairs: Douglas Anthony, MD, PhD Assistant Secretary-Treasurer: Eddie Lee, MD, PhD

Membership Committee

The seven members of the Membership Committee, led by Dr. Pytel, suggested changes to the bylaws to clarify the definition of membership categories. They also worked to ensure that the membership database for AANP was as up-to-date as possible. Between November 2016 and July 2017, the Membership Committee approved 24 new member applications.

| New Active Members | w Active Members New Junior Members | |
|---------------------------|-------------------------------------|----------------------------|
| Jennifer Cotter | Rati Chkheidze | Kyle Hurth |
| Mirna Lechpammer | Julieann Lee | Michelle Madden Felicella |
| David Nauen | Kathryn Scherpelz | Jennifer Ross |
| David Davis | Vanessa Smith | Malak Abedalthagafi |
| Xuemo (Sean) Fan | John DeWitt | Esther Bit-Ivan |
| Anita Huttner | Meghan Driscoll | Cheng-Hsuan (Jason) Chiang |
| Jiancong Liang | Sean Ferris | Melissa Gener |
| Jo Elle Peterson | Nelli Lakis | Grant Kolar |
| Abeer Tabbarah | Hsiang-Chih Lu | Derek Mathis |
| | Masoud Movassaghi | Declan McGuone |
| | Derek Oakley | Hope Richard |
| | Samuel Guzman | Cynthia Welsh |
| | William Harrison | Woon Chow |
| | Mari Perez-Rosendahl | Matthew Cykowski |
| | Xinhai Zhang | Jeremy Deisch |
| | | Avneesh Gupta |
| | | Debra Hawes |
| | | Andrew Lieberman |
| | | Aaron Wagner |
| | | Andrea Wiens |

| Election to Senior Member | ship | |
|----------------------------------|-----------------------|--------------------|
| John Andrews | Katerina Dorovini-Zis | Donald Price |
| Peter Burger | Maie Herrick | Rajeswari Chandran |
| Meredith Miller | Edward Koo | Michael Hart |
| Yoichi Nakazato | Boleslaw Lach | Jose Paltan-Ortiz |
| | | Matias Röyttä |

Deaths Reported Between the 92nd Annual Meeting and 93rd Annual Meeting

Ursala Slager, MD

Surl Nielsen, MD

Catherine Haberland, MD

Sidney Schulman, MD Christos Katsetos, MD, PhD, MRCPath

James Nelson, MD
Yves Robitaille, MD

Steven Bauserman, MD
Robert D. Terry, MD

Constitution & Bylaws Committee

The following provides a high-level overview of changes to the Bylaws and Constitution that were reviewed, voted upon, and approved at the 2017 Annual Business Meeting. The updated Bylaws are posted on the <u>website</u> for further review.

- Amendments for the Constitution Article 2: Purpose
 - Section 2.2 was updated to: The science of neuropathology is understood to include the study of diverse aspects of diseases of the nervous system and associated structures, including, but not limited to, peripheral and central nervous system, sensory organs and muscle, to include changes at the organ, tissue, cellular, subcellular and molecular levels, with a consideration of the etiology and pathophysiology, genetics, epidemiology, and clinical manifestations of such diseases. The practice of neuropathology is understood to include diagnosis of diseases of the nervous system, and teaching and training in the science, research, and practice of neuropathology.
- Amendments for the Constitution Article 4: Membership
 - Section 4.1 updated to: Replace the term Affiliate with Junior and add a new membership category: Associate.
- Amendments for the By-Laws Article 2: Membership
 - o Section 2.1 was updated to clarify the meaning of Active members.
 - Section 2.2 was changed to remove the term "Affiliate members" as well as the corresponding definition. This was replaced with two new member types and descriptions for each; section 2.2 Junior members, and Section 2.3 Associate members.
 - o Honorary members, transitioned to Section 2.4
 - o Senior members, transitioned to Section 2.5
 - o Election of members, transitioned to Section 2.6
 - The language of the Bylaws document was updated to incorporate the deletion of "Affiliate" and addition of "Junior" and "Associate"

Professional Affairs

At the annual Business Meeting on June 10, 2017, the Professional Affairs Committee discussed the membership survey. The Fall 2016 AANP Membership Survey occurred October 26 – December 2, 2016, with 115 submissions providing responses to 23 questions.

Analysis of the Fall 2016 Membership Survey shows:

- Areas for additional education for members
- Helpful responses regarding teaching neuropathology to medical students
- Need for Continuing Medical Education (CME) and Self-Assessment Modules (SAMs)
- Helpful feedback on the Journal of Neuropathology and Experimental Neurology

What is the purpose of the annual membership survey?

The annual membership survey serves to...

- Gauge educational need amongst AANP members which is utilized in planning Annual Meetings
- Provide an opportunity for membership to express interest in specific topics
- Address ACCME requirements for CME such as documentation of professional practice gaps
- Collect information that helps AANP support our members as we are the only professional society for neuropathologists in the United States.

Currently, the Professional Affairs Committee is working in collaboration with the Education Committee to finalize the Fall 2017 Membership Survey, which is expected to launch the first week of October. Survey responses are anonymous. We ask that you please complete the survey by **November 10, 2017.**

Website Committee

In year three of existence, the Website Committee is still working meticulously to manage the foundationally solid website they've created for the AANP. The Website Committee has been busy this last year, and already has plans in play for next.

Highlights from the past year include:

- Implementation of the membership database
- Membership renewal online through the website
- Implementation of Annual Meeting registration through the website
- Enhancement and expansion of the menu, and posted FAQs
- Addition of the DSS pulldown menu
- Moved and updated DSS content, although the images still remain at the previous site
- Added SAM content, although SAMs are still hosted at the previous site
- Addition of the first two AANP online videos

Make certain to visit the website regularly, <u>www.neuropath.org</u>, as it is continually updated with pertinent AANP information!

Education Committee



Self-Assessment Modules: The Education Committee completed an annual submission of SAMs to the American Board of Pathology (ABP). Further, the committee submitted *Evidence of Compliance* demonstrating that SAMs questions are in alignment with ABP requirements. The Education Committee has worked diligently to launch 14 SAMs in 2017. This includes seven journal-based SAMs and seven Annual Meeting SAMs. There are several more SAMs in development and an e-mail announcement will be sent once they become available.



ACCME Reaccreditation: AANP submitted materials in December 2016 for ACCME reaccreditation. In July 2017, the news of *Accreditation with Commendation* was given to AANP! With a successful reaccreditation, AANP can continue to certify activities for *AMA PRA Category 1 Credit*TM. Read more in the <u>Big News</u> section above.



On the Horizon - Education Committee Activities

- Future Annual Meetings: Three-year contract with Hyatt Regency (2017 2019) and four-year contract with PSAV for audio-visual services (2016 2019)
 - 94th Annual Meeting: June 7 10, 2018 at the Hyatt Regency Louisville
 - 95th Annual Meeting: June 6 9, 2019 at the Grand Hyatt Atlanta
- New contract negotiations for 2020-2022 Annual Meetings to begin soon.

Additional Updates

Diagnostic Slide Session

Moderator: Caterina Giannini, MD, PhD; Manager: Rebecca Folkerth, MD

Each year at the AANP Annual Meeting, the *Diagnostic Slide Session* is held. At the 93rd Annual Meeting, it was hosted the evening of Saturday, June 10, 2017, and was a certain highlight for meeting attendees. Ten cases were presented, chosen among 46 new submissions. Of the ten presented, eight were presented by neuropathology trainees. The 46 submissions covered a vast array of pathology, but predominantly of tumors, as well as vascular, muscle developmental and infectious disorders, and neurodegenerative diseases that are still uncommon.

At the 94th Annual Meeting, the *Diagnostic Slide Session* will be held on Saturday, June 9, 2018 at 8:00 pm. The deadline for submissions for the 2018 Annual Meeting will be set in January 2018, and the final presenter decisions will be made in February 2018.

How to Submit a Case:

Please submit the following to Caterina Giannini:

- Brief clinical summary and key diagnostic points outlined in short PowerPoint or Word document.
- Single representative H&E stained slide
- One unstained slide sent via mail

Please let the moderator know if the submitted case has sufficient tissue to prepare glass slides for the "glass slide boxes". Small biopsies of interest are also welcome for consideration and will be posted using virtual microscopy.

Caterina Giannini, MD, PhD Mayo Clinic Pathology Department 200 First Street SW Rochester, MN 55905

Phone: 507-538-1181

Giannini.Caterina@mayo.edu

If selected for presentation...

If selected for presentation, contributors should submit all slides having studies necessary for diagnosis indicating which ones should be made available for whole slide imaging before the session and which, by virtue of giving away the diagnosis, should be posted after the meeting. Whole slide images will be posted to the DSS website along with the protocol.

Announcements

Upcoming Meetings of Interest

| Meeting | Meeting Dates and Location |
|---|--|
| 107 th USCAP Annual Meeting | March 17 – 23, 2018 in Vancouver, BC, Canada |
| International Congress of Neuropathology | September 23 – 27, 2018 in Tokyo, Japan |
| College of American Pathologists Annual Meeting | October 21 – 24, 2018 in Chicago, IL |
| Society for Neuro-Oncology 2018 Annual Meeting | November 15 – 18, 2018 |
| World Congress of Neurology (WCN 2019) | 2019 in Dubai |
| European Congress of Neuropathology | June 3 – 6, 2020 in Odense, Region of Southern Denmark |

AANP Organization

American Association of Neuropathologists

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Other Executive Council Members

Eileen H. Bigio, MD
Rebecca Folkerth, MD
Michael N. Hart, MD (JNEN)
Arie Perry, MD
Suzanne Powell, MD
Thomas J. Montine, MD, PhD

<u>Councilors to the</u> International Society of Neuropathology

E. Tessa Hedley-Whyte, MD Alexander Judkins, MD Arnulf H. Koeppen, MD George Perry, PhD Adekunle Adesina, MD, PhD

Officers

President: Elizabeth Cochran, MD
President-Elect: Matthew Frosch, MD, PhD
Vice President: Daniel J. Brat, MD, PhD
Vice President-Elect: R. Ross Reichard, MD
VP of Professional Affairs: Douglas Anthony, MD, PhD
Secretary-Treasurer: Karen M. Weidenheim, MD
Asst. Secretary-Treasurer: Eddie Lee, MD, PhD

Committee Chairs

Awards: Fausto Rodriguez, MD
Constitution: Steven L. Carroll, MD, PhD
Education: Eddie Lee, MD, PhD
Membership: Peter Pytel, MD
Nominating: Arie Perry, MD
Neuropathology Fellowship Program Directors: Suzanne
Powell, MD

Professional Affairs: Douglas Anthony, MD, PhD
Program: Julia Kofler, MD, PhD
Website: Doug Anthony, MD, PhD

Official Journal

Journal of Neuropathology & Experimental Neurology
Michael N. Hart, MD, Editor-in-Chief
Eileen S. Healy, Managing Editor
E-mail: jnen@pathology.wisc.edu