



AMERICAN
NEUROLOGICAL
ASSOCIATION

INNOVATORS IN DISCOVERY,
EDUCATION, AND CARE

2023

ANNUAL REPORT

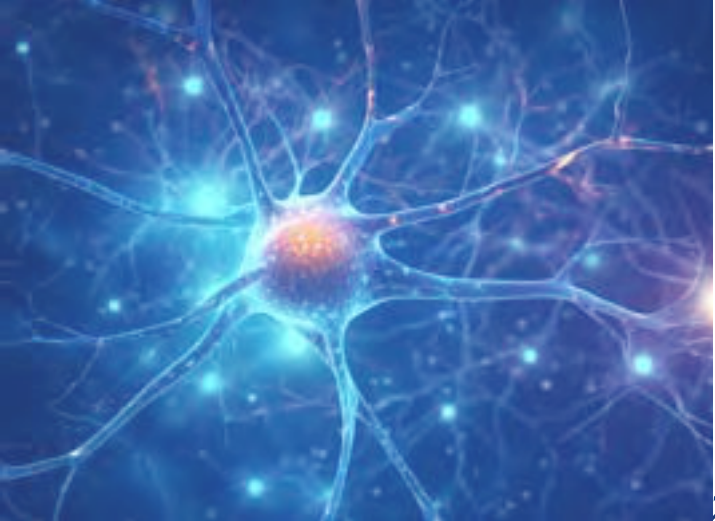


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MISSION:

Advancing science, education, and careers to improve neurologic health for all.

VISION:

A world without neurological disease.

GUIDING PRINCIPLES:

The ANA is a community of academic neurologists and neuroscientists dedicated to promoting brain health. Our work is guided by the following principles:

- Integrity in our professional work and communications
- Excellence across all programs and publications
- Community growth and cohesion
- Expanding diversity and ensuring inclusion
- Promoting innovation and discovery

COMMITMENT TO DIVERSITY, EQUITY, AND INCLUSION

The American Neurological Association believes that all people—across race, ethnicity, sexual orientation, gender identity, disability status, economic class, religion, national origin and more—deserve respect, empathy, and excellent neurological care. All aspiring and current neurologists deserve an academic and professional environment that is inclusive and free of discrimination so they can thrive in their chosen profession.

Systemic racism, sexism, ableism, and other forces affect access to neurologic care, the generalizability of research, and the professional prospects of aspiring neurologists and neuroscientists. In 2020, under the direction of Dr. Justin McArthur in his role of President, the ANA established a Task Force to pursue his vision for the ANA to create and foster a culture of diversity, equity, and inclusion. The work of the task force was effective and extremely valued, so in 2022, the task force became the Inclusion/Diversity/Equity/Anti-Racism/Social Justice (IDEAS) Committee. The committee continues to develop best practices for our members and the field of academic neurology. The committee serves as a resource for ANA leadership to provide feedback, work on DEI-related professional development and trainings, select award recipients, create opportunities for dialogue, and assess the ANA's progress toward DEI goals.



**IDEAS
COMMITTEE**

INCLUSION • DIVERSITY • EQUITY
ANTI-RACISM • SOCIAL JUSTICE

2023 has been an incredible year for the American Neurological Association (ANA) in so many ways. The ANA Executive Committee and board did incredible work in 2022 to begin building a team who will directly serve the ANA into the future. We began 2023 with ANA's new CEO, Brenda Orffer, CAE, in place and appointing Dr. Nadine Goldberg as Chief Program Officer. As the year progressed, we added Jennifer Summers, Meetings Logistics Manager, and Diana Hitchings, Controller to our growing team.

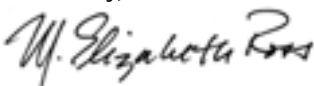
As our staff increased, the ability to support ANA's committees, projects, goals, and objectives has become stronger. During 2023, we saw the appointment of a new President-Elect, Secretary, and four Directors on the ANA Board of Directors. In addition, the ANA established a Clinical Affairs Committee and a Finance Committee, and seated approximately 40 new individuals to various ANA committees to help us advance our mission.

Our goals in 2023 included restructuring and reimagining our organization. Our primary objectives included expanding our reach and brand, increasing membership, enhancing programming, and continued excellence in the ANA journals. We worked to advance the ANA's global impact through initiatives spearheaded by the Global Engagement Committee, continued to provide an outstanding Annual Meeting experience for attendees by increasing our educational program offerings and networking opportunities, grew membership, and expanded our brand through connection with stakeholders. Throughout the year, we worked toward these goals and are proud to say that we accomplished much.

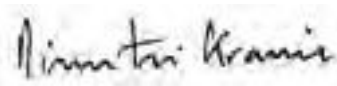
- The ANA awarded \$8,000 in funding through the Grant to Activate Global Engagement (GAGE) to support projects in low and lower-middle income countries. These funds were used to provide education and training including the Alzheimer's Disease and Related Dementias in Zambia (ADDIZ) Symposium in Zambia, the Guinean Society of Neurology's first National Scientific Symposium on Epilepsy, the Bahir Dar Outreach for Neurology Education (BORNE) Symposium and the Stroke Diagnosis and Management in a Resource-limited Setting Symposium in Uganda.
- The ANA provided a total of \$20,000 to neurological organizations in Ghana, Nigeria, Uganda and Zambia for the development of junior and early career investigators as a result of the Presidential Global Neurology Initiative started by Dr. Frances Jensen. Each organization developed programs in collaboration with ANA and funds were utilized to provide early career investigators with research grants, educational and professional development resources.
- The ANA recognized several individuals for outstanding research and achievements through its 2023 Awards Program. Award winners were recognized at the Annual Meeting in Philadelphia in September. [CLICK HERE FOR AWARD WINNERS](#)
- ANA2023 was an outstanding event hosted in Philadelphia in September. With a record number of abstracts, 1,031 registrations, and additional educational programming, ANA2023 received rave reviews by attendees, sponsors, and exhibitors. The media coverage of science and research shared at the meeting was excellent. [VIEW THE FINAL PROGRAM](#)
- The ANA launched an initial meeting of subspecialty groups in August. With more than 15 participating organizations, this meeting resulted in identifying common challenges, areas of opportunity, and potential collaboration among various subspecialties.
- The ANA hosted its first Academia-Industry Workshop at the New York Academy of Sciences in November with a focus on drug development and clinical trials with an emphasis on Alzheimer's Disease. Proceedings from the event will be published in the *Annals of Neurology* and shared with ANA members. [VIEW THE FINAL PROGRAM](#)
- ANA Membership increased with institutional program membership and through outreach to recruit other new members. The renewal rate for 2023 was 83%, an increase over the renewal rate of 70% in 2022.
- Throughout 2023, the ANA has celebrated heritage months to honor the contributions individuals have made to neurology, medicine, and science through the observation of heritage months.

We are grateful for our members, leaders, Board of Directors, and staff who help us work toward our mission of advancing science, education, and careers to improve neurologic health for all. We continue to strive toward our vision of a world without neurological disease and appreciate every contribution from our members to support this important work.

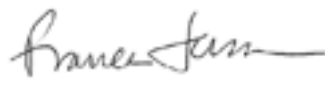
Sincerely,



M. Elizabeth Ross,
MD, PhD, FANA
President



Dimitri Krianc,
MD, PhD, FANA
President-Elect



Frances E. Jensen,
MD, FACP, FANA
Immediate Past President

MEMBERSHIP NUMBERS

1,498

Renewal Members

98

Honorary Members

652

New Members

2,248

Total Members

Associate Domestic	410
Associate - Corresponding	11
Associate - LMIC	13
Fellow - CNS	51
Fellow - EDB	32
Fellow - Domestic	730
Fellow - Corresponding	51
Fellow - Developing Country	16
Industry Liaison	21
Member - CNS	13
Member - Domestic	410
Member - EDB	1
Member - Corresponding	14
Member - LMIC	10
Senior	97
Senior - CNS	11
Student	259
Honorary	98

2023 Membership Goal: ~~1,947~~ 2,248
(Exceeded Goal by 301)



ANA EXECUTIVE COMMITTEE



PRESIDENT

M. Elizabeth Ross, MD, PhD,
FANA
2023 - 2025
Weill Cornell Medicine



PRESIDENT-ELECT

Dimitri Krainc, MD, PhD, FANA
2023 - 2025
Northwestern University



PAST PRESIDENT

Frances E. Jensen, MD, FACP,
FANA
2023 - 2025
University of Pennsylvania



VICE PRESIDENT

Romergryko G. Geocadin, MD,
FANA
2022 - 2024
Johns Hopkins University



SECRETARY

Lesli Skolarus, MD, MS, FANA
2023 - 2025
Northwestern University



TREASURER

Clifford Saper, MD, PhD, FANA
2022 - 2024
Beth Israel Deaconess Medical
Center/ Harvard Medical School

[Click Here](#) to View Executive Committee & Directors Online

ANA BOARD OF DIRECTORS



Beau Ances, MD, PhD, MSc, FANA
2023 - 2026
Washington University in
St. Louis



Devin Brown, MD, MS, FANA
2022 - 2025
University of Michigan



Salvador Cruz-Flores, MD, MPH,
FANA
2022 - 2025
Texas Tech University



Howard Goodkin, MD, PhD, FANA
2023 - 2026
University of Virginia



Ming Guo, MD, PhD, FANA
2021 - 2024
University of California,
Los Angeles



Roy H. Hamilton, MD, MS, FANA
2023 - 2026
University of Pennsylvania



Elisabeth Marsh, MD, FANA
2021 - 2024
Johns Hopkins University



Avindra Nath, MD, FANA
2021 - 2024
National Institutes of Health



Rajiv Ratan, MD, PhD, FANA
2022 - 2025
Burke Neurological Institute



Caroline Tanner, MD, PhD, FANA
2023 - 2026
University of California,
San Francisco



ANA EX OFFICIO



Ahmet Hoke, MD, FANA
*Editor-in-Chief, Annals of Clinical
and Translational Neurology*
2022 - 2026
Johns Hopkins University



Sara Stern-Nezer, MD, MPH
*Chair, Junior and Early Career
Membership Subcommittee*
2023 - 2025
University of California, Irvine



Kenneth L. Tyler, MD, FANA
*Editor-in-Chief, Annals of
Neurology*
2022 - 2025
University of Colorado

COMMITTEES ARE SERVED BY

151

ANA members

90

Fellow Members

39

Members

18

Associate Members

2

Honorary Members

2

Students

73

Female
Members

78

Male
Members

ANA COMMITTEES

- Awards Committee
- ANA-NINDS Career Development Symposium Planning Subcommittee
- Annals of Neurology/Annals of Clinical & Translational Neurology Oversight Committee
- Annual Meeting Programming Committee
- Audit Committee
- Clinical Affairs Committee
- Education Innovation Committee
- Executive Committee & Directors
- Finance Committee
- Global Engagement Committee
- Governance Council
- Inclusion/Diversity/Equity/Anti-Racism/Social Justice (IDEAS) Committee
- Interactive Lunch Workshops Subcommittee
- Investment Committee
- Junior and Early Career Membership Subcommittee
- Local Arrangements Subcommittee
- Membership Committee
- Nominating Committee
- Professional Development Workshops Subcommittee
- Representatives
- Research Careers Reimagined Course Planning Subcommittee

[Click Here](#)
to View ANA
Committees
Online

ANA JOURNALS

ANNALS OF NEUROLOGY

Kenneth Tyler, MD, FANA, Editor-in-Chief

Associate Editors:

Erika F. Augustine, MD, MS
Amy R. Brooks-Kayal, MD
John R. Corboy, MD
Merit E. Cudkowicz, MD, MSc
Elizabeth C. Engle, MD
Eva Feldman, MD, PhD
Deborah A. Hall, MD, PhD
David M. Holtzman, MD
John A. Kessler, MD
Lawrence R. Wechsler, MD

Assistant Editors:

Erin Longbrake, MD, PhD
Erik S. Musiek, MD, PhD
Nigel P. Pederson, MD
Kathleen L. Poston, MD, MS
Marcelo Rocha, MD, PhD
Reza Seyedsadjadi, MD

Statistical Editor:

Rebecca A. Betensky, PhD

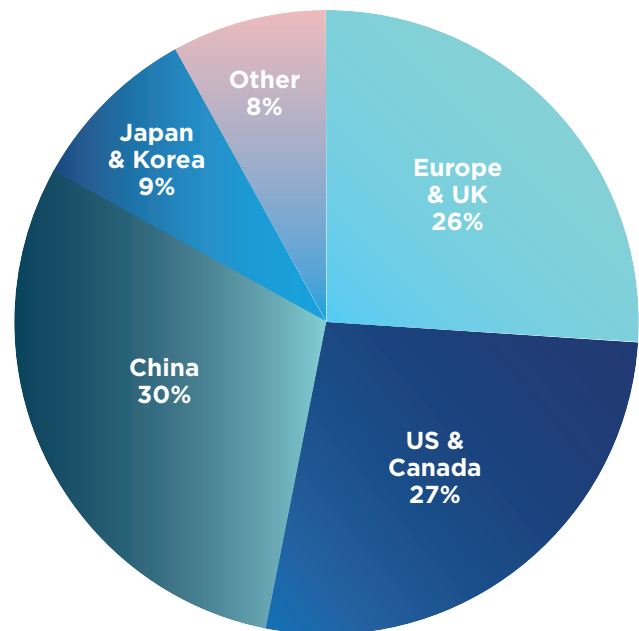
Senior & Deputy Managing Editors:

Daniel Roe, PhD, Senior Editor
Robert G. Kowalski, MBBCh,
Deputy Managing Editor

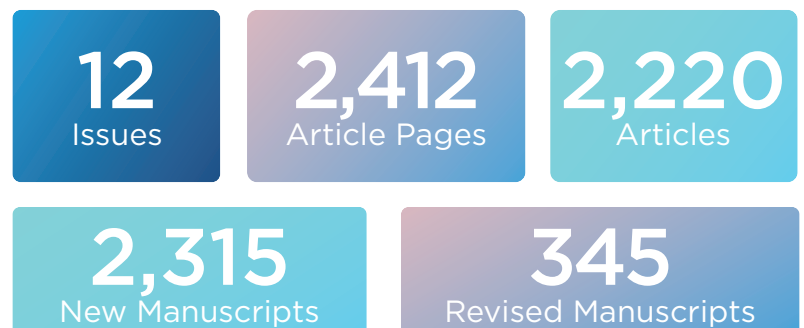
TOPIC	2023 Published Original Content
Vascular Neurology	17%
Movement	15%
Dementia	20%
Neuroimmunol/MS	10%
Epilepsy	9%
Neuromusc/ALS	7%
Gen Neuro NOS* NeuroGenetics* Peds Neuro NOS*	23%

Impact Factor 11.2

COUNTRIES OF ORIGIN OF MANUSCRIPTS SUBMITTED:



2023 PUBLISHING STATISTICS:



Annals of Neurology Initiatives

- Implemented a benefit for ANA Fellow members allowing for one guaranteed review per calendar year. In 2023, 39 ANA Fellow members have utilized this benefit and 48 Fellow members have utilized this benefit since it launched in October 2022.
- Incorporated rapid timely mini reviews
- Expanded traditional reviews
- Created AUPN and NINDS "Corners"

ANA JOURNALS

ANNALS OF CLINICAL AND TRANSLATIONAL NEUROLOGY

Ahmet Hoke, MD, PhD, FANA, Editor-in-Chief

Associate Editors:

Jing Ji, MD, PhD
Keith Josephs, MD, MSc
Samia Khoury, MD
Jun Li, PhD, FANA
Elisabeth Marsh, MD, FANA
Ludy Shih, MD, MMSd
Saurabh Sinha, MD, PhD

InterACTN Editors:

Leana Doherty, MD
Rebecca Pollard, MD

Social Media Editor:

Michael P.H. Stanley, MD

Managing Editor:

Keegan Brewster

Total Submissions* in 2023:

1,416

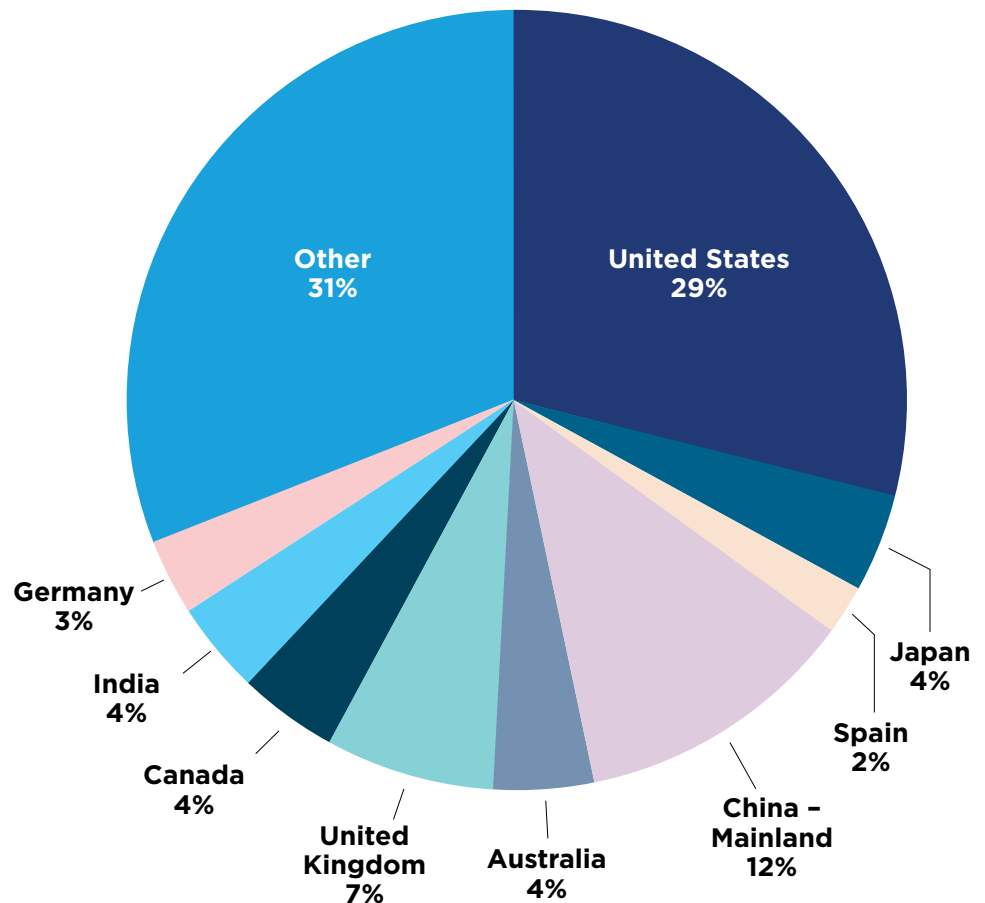
Total accepted:

261

*Some submissions from 2023 are still in the peer review process awaiting final acceptance decision.

Impact Factor 5.3

DOWNLOADS:



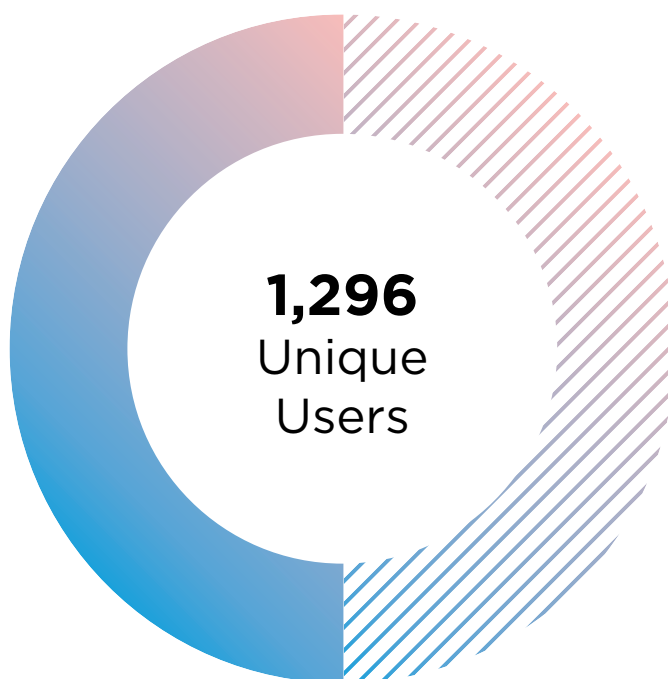
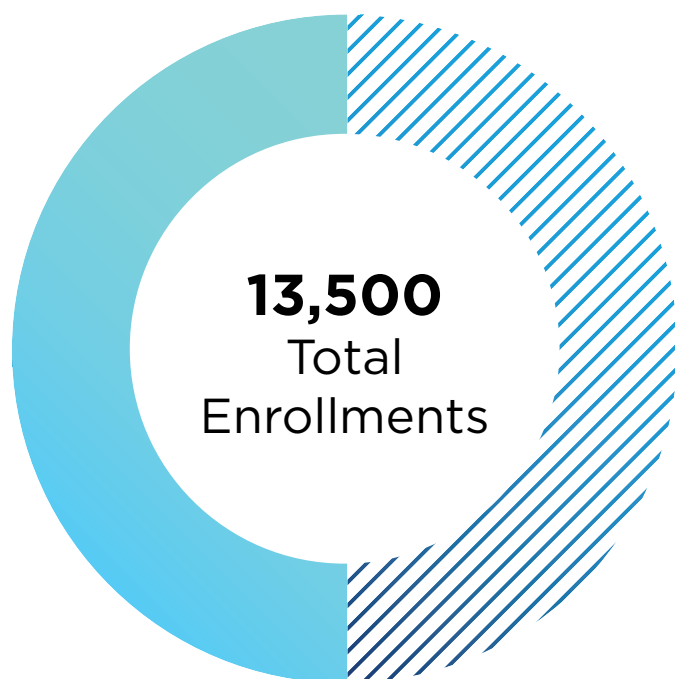
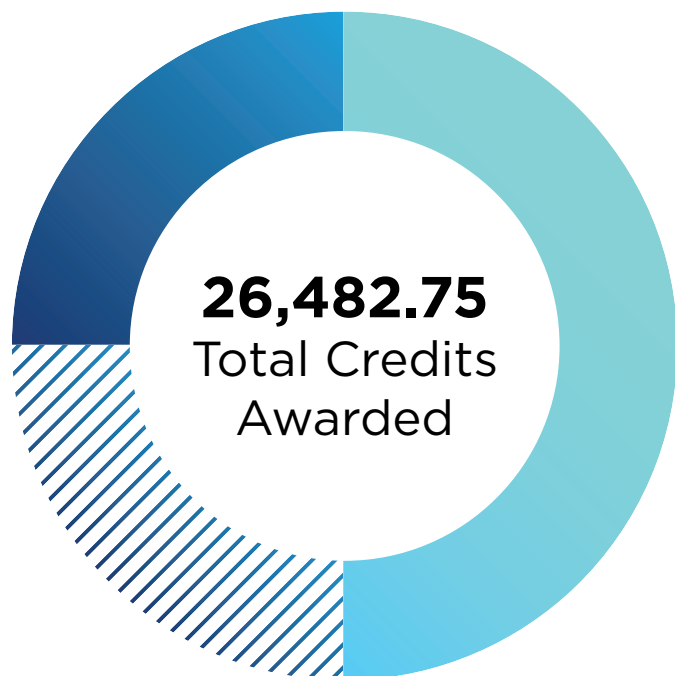
ACTN Initiatives

- Transitioned to a new editorial team beginning November 1, 2022
- Impact Factor remains steady despite a drop in COVID-related submissions
- Number of submissions increasing, especially in 2023
- InterACTN is increasing available cases and will be indexed and searchable next year

ONLINE EDUCATIONAL PROGRAMS THROUGHOUT THE YEAR

The ANA's Education Innovation Committee started in 2019, since that time...

ANA launched a learning management system (OnDEC) in 2020 to consolidate all offerings on one platform and ensure that members could obtain all transcripts for CME in one place.



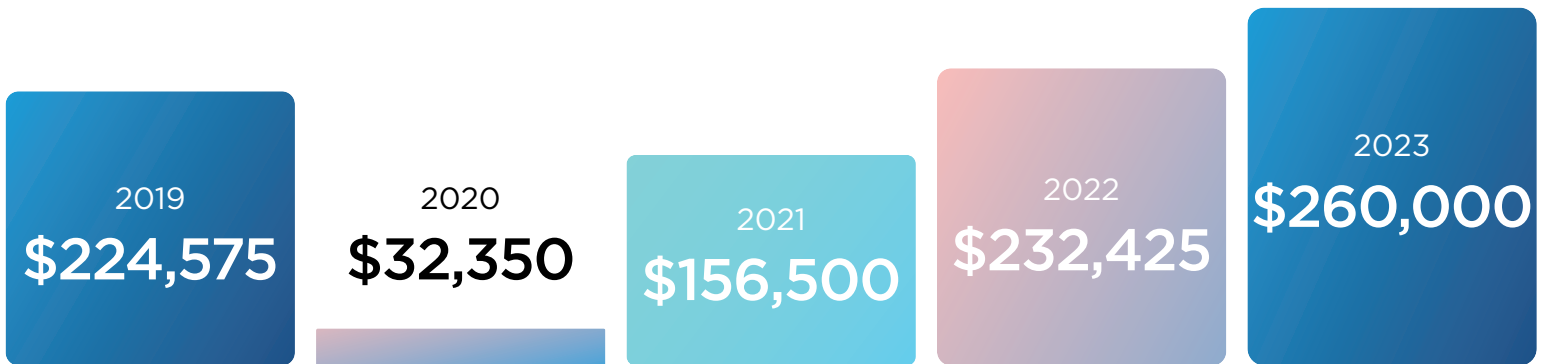
CME PROGRAM INCOME

The CME Program income since that time is:

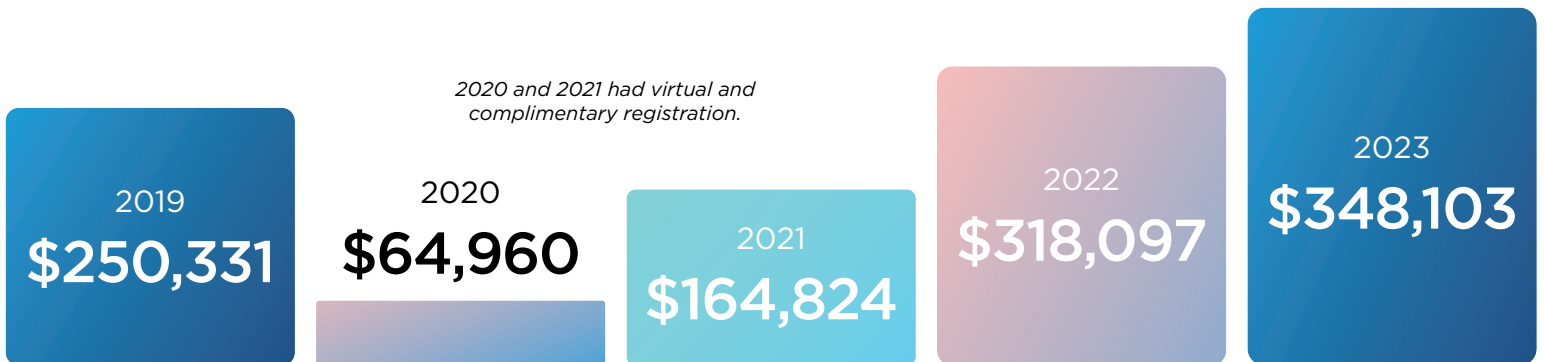
IME/COMMERCIAL SUPPORT REPORTED



ADVERTISING AND EXHIBITING REVENUE



REGISTRATION FEES



Additionally, there has been

\$6,000

in joint providerships in 2021, 2022, and 2023.

CME PROGRAM DETAILS



ANA HIGHLIGHTS:

8.5 CME credits and 8 hours of ABPN SA credit!

1. ANA Highlights Neurogenetics
2. ANA Highlights The Placebo Effect
3. ANA Highlights Statistical Snapshots



ANA INVESTIGATES:

1. ANA Investigates Chronic Pain - Nov 28, 2023
2. ANA Investigates The Neurovasculome - Oct 24, 2023
3. *Bonus Episode* ANA Investigates ANA2023! - Sep 12, 2023
4. ANA Investigates Insomnia and Stroke - Aug 28, 2023
5. ANA Investigates Fetal Therapy - Jul 24, 2023
6. ANA Investigates Parkinsons and Environmental Toxins - Jun 27, 2023
7. ANA Investigates Gut-Brain Axis - May 31, 2023
8. ANA Investigates Disruptive Technologies: The Future of Neurotechnology - Apr 27, 2023
9. ANA Investigates Thrombectomy in Patients with Large Ischemic Strokes - Mar 21, 2023
10. ANA Investigates TBI and Sports Medicine - Feb 20, 2023
11. ANA Investigates Neuroethics and Disruptive Technologies Part 2: You Read My Mind - Jan 30, 2023
12. ANA Investigates the Brain and CPR: Paths to Recovery - Jan 18, 2023

ANA2023 MEETING RECORDINGS:

8.5 CME credits

ANA MEETING RECORDING ARCHIVE:

Access hundreds of hours recorded sessions from the 2018, 2019, 2020, 2021, and 2022 meetings

ANA2023

- Cross-cutting SIGs
- New Interactive Lunch Workshop to Highlight Global Neurology
- New Professional Development Track for Program Directors
- Secured the Research Careers Reimagined (RCR) Course as an Annual Program
- Enhanced Junior and Early Career member programming and networking events

1,031
Registrations

- 415 Student Resident/Trainee/Postdoc Fellow
- 278 Full Professor and/or Department Chair
- 293 Associate Professor/Instructor
- 10 Senior Fellows
- 10 Honorary Fellows
- 25 Industry Liaisons

**419 OF 1,031 WERE
NON-MEMBERS**



519
Abstract
Submissions

- 264 of those were from Junior & Early Career Members. Student, Resident, Trainee, or Postdoc Fellow

485 ACCEPTED



55

INTERNATIONAL MEMBERS

Chile, China, Denmark, Ecuador, England, Finland, France, Georgia, Germany, Ghana, India, Israel, Japan, Jordan, Kuwait, Lebanon, Pakistan, Peru, Qatar, Republic of Korea, Spain, Taiwan, United Arab Emirates, United Kingdom, Zambia



ANA | 2023

148TH ANNUAL MEETING

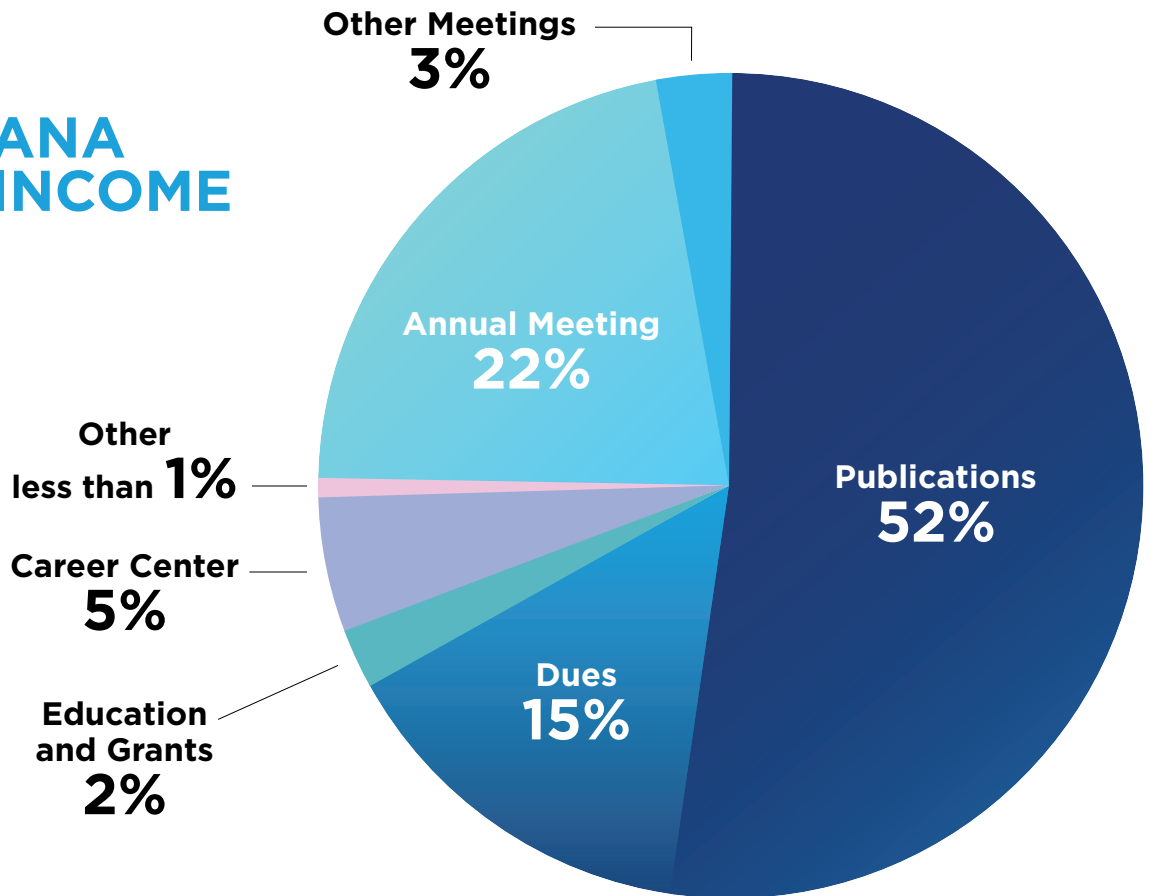
OF THE AMERICAN NEUROLOGICAL ASSOCIATION

PHILADELPHIA, PA

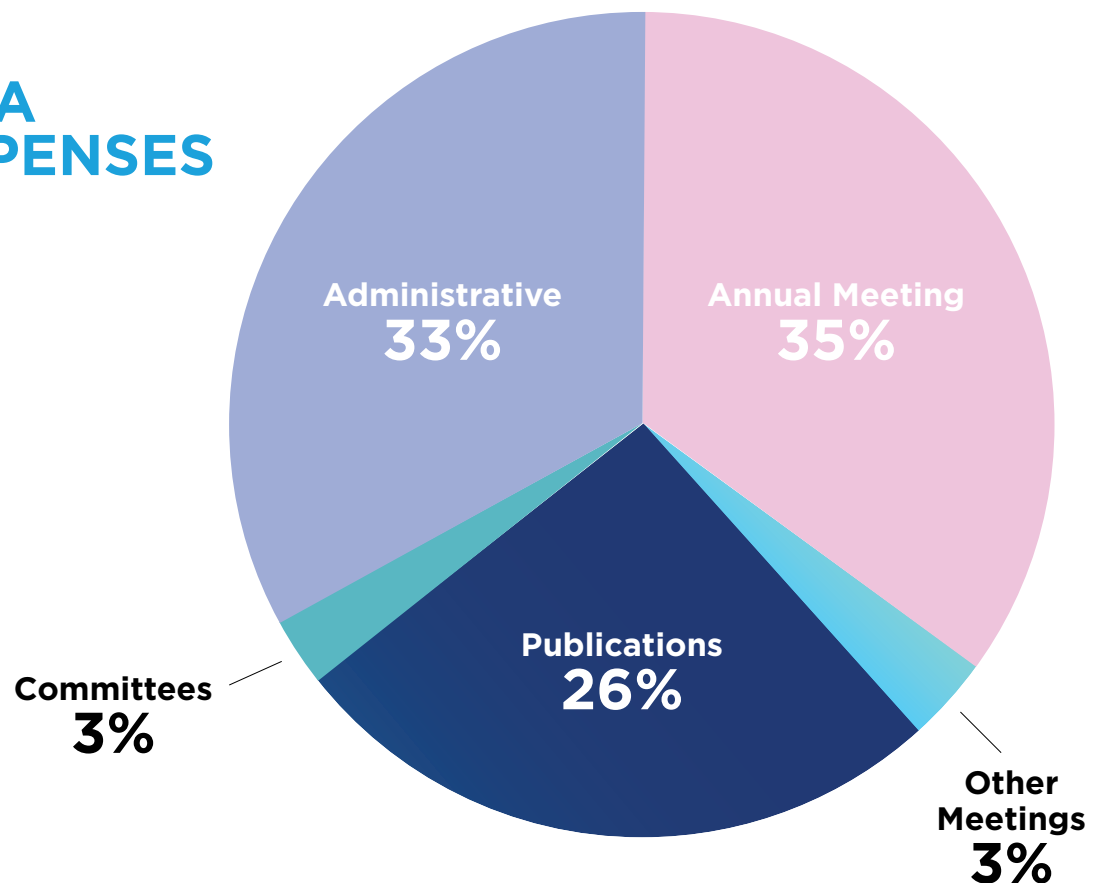
SEPTEMBER 9-12 • OPENING SYMPOSIUM SEPTEMBER 9

ANA FINANCIAL HIGHLIGHTS

ANA INCOME



ANA EXPENSES



ANA FINANCIAL HIGHLIGHTS

ANA FINANCE COMMITTEE:

Chair: Clifford B. Saper, MD, PhD, FANA

Beth Israel Deaconess medical Center/Harvard Medical School

Clifton L. Gooch, MD, FANA

University of South Florida

Ming Guo, MD, PhD, FANA

University of California, Los Angeles

Frances E. Jensen, MD, FANA

University of Pennsylvania

John Kessler, MD, FANA

Northwestern University

Dimitri Krainc, MD, PhD, FANA

Northwestern University

Jun Li, MD, PhD, FANA


Houston Methodist Hospital

Rajiv Ratan, MD, PhD, FANA

Burke Neurological Institute

M. Elizabeth Ross, MD, PhD, FANA

Weill Cornell Medicine



The main sources of income to the ANA are membership dues, annual meeting registrations, publication revenues for *Annals of Neurology* and *Annals of Clinical and Translational Neurology*, and commercial support from sponsors and exhibitors for our meetings. Our main expenses continue to be providing high quality meetings that meet the needs of our members and their trainees, publication costs for the journals, and administrative costs associated with those activities. Balancing the expenses with our income sources can at times be challenging, but we are committed to providing high quality publications, meetings, and support for academic neurology, in a sustainable balance.

The ANA is currently building an administrative team and moving away from utilizing an association management company so that we will be a stand-alone organization. This process has incurred some one-time expenses that we expect will be done by the end of 2024. The ANA Board of Directors, Finance Committee, and staff continue to work together to safeguard the financial resources of the ANA, identify cost savings, recruit additional members, and explore new support opportunities to ensure financial stability to support the strategic goals and objectives of the ANA.

HERITAGE MONTHS

Throughout 2023, the ANA celebrated and recognized pioneers in neurology, science, and medicine from various communities. Beginning in February, we celebrated Black History Month, Women's History Month in March, Asian American, Native Hawaiian, and Pacific Islander Month in May, Pride Month in June, Disability Pride Month in July, Hispanic Heritage Month in September/October, and Native American Heritage Month in November.



LOOKING FORWARD

- As we close 2023, we are already looking into 2024 and making plans for continued growth and expansion of ANA programs and membership services. We look forward to welcoming the Association of University Professors of Neurology's (AUPN) Annual Meeting as a satellite event of ANA2024 in Orlando. We hope you can join us September 14 – 17, 2024, for the ANA's 149th Annual Meeting.



- The ANA is also working toward coordinating its annual meeting with that of the Child Neurology Society as we build on the relationship of the journals and our common members.

