

RESEARCH – GRANTS, FELLOWSHIPS AND AWARDS

NREF awarded and introduced the following grants and fellowships in 2017:

- 25 **Medical Student Summer Research Fellowships**, including 5 supported by a generous contribution from Aaron A. Cohen-Gadol, MD, FAANS
- 11 **NREF Research Grants and Young Clinician Investigator Awards** in spine, tumor, pediatrics, trauma, pain and cerebrovascular subspecialties, each a one year, \$40,000-50,000 award
- 6 **Post-residency Clinical Fellowships (PRCF)** for the 2017-18 academic year, supported by industry partners
- The **William P. Van Wagenen Fellowship** award of \$120,000, plus expenses for travel and neurosurgical study overseas
- A new award for **Advance Practice Providers (APPs)**: Two \$500 awards to the best APP abstracts at the 2018 AANS Annual Scientific Meeting
- A new fellowship – the **Joint Cerebrovascular Section Traveling Fellowship** allows a practicing, CAST-certified neurointerventionalist (of any specialty) to visit a high-volume cerebrovascular center for a one-week observership, with support from **Medtronic** and **MicroVention**. The first two traveling fellowships will be awarded at the **2018 AANS/CNS Cerebrovascular Section Annual Meeting** in February 2018.

EDUCATION – COURSES AND SPECIAL PROGRAMS

The NREF sponsored 6 **Resident Courses** in 2017 for neurosurgical residents and fellows to provide advanced educational training. The NREF also continued its complimentary webinar series with **Strategic use of BCNU Wafers in Contemporary Care**, supported by **Arbor Pharmaceuticals**.

The NREF will hold the **Second International Brain Mapping Course** in collaboration with the AANS during the 2018 Annual Scientific Meeting in New Orleans, featuring an international faculty from major brain mapping centers in Europe, North America and Asia.

A **Neurocritical Care Symposium** is planned for August 2018 for practicing neurosurgeons to fill practice and knowledge gaps they may encounter post-training as the state of neurocritical care changes.

OUTCOMES

The NREF Board of Directors announced support totaling nearly \$500,000 from **Medtronic** and **DePuy** for **Effectiveness of Fusion for Grade I Spondylolisthesis**, a **NeuroPoint Alliance (NPA)** QOD study in 2017. Additional funding is expected in 2018.

PARTNERSHIPS

The NREF extended its partnership with **B*CURED**, a non-profit organization whose mission is to end brain cancer, through 2020. The second \$50,000 **B*CURED-NREF Research Grant**, funded by B*CURED, was presented to **Pablo Valdes Quevedo, MD, PhD**, of Harvard/Brigham and Women's Hospital.

HONOR YOUR MENTOR FUNDS

The **Honor Your Mentor (HYM)** funds celebrate mentors of neurosurgery. There are now 37 HYM funds, with 5 funds pending. Pledges to HYM funds now total **\$4,043,718** from **799** donors. Current HYM fund honorees include:

A. Leland Albright
Roy A. E. Bakay
Ulrich Batzdorf
Edward C. Benzel
Warren C. Boop Jr.
Charles L. Branch Sr.
Kim J. Burchiel
Edward S. Connolly
Ralph G. Dacey
Charles G. Drake

Stewart B. Dunsker
Richard G. Fessler
Regis W. Haid Jr.
John A. Jane Sr.
Peter J. Jannetta
David L. Kelly, Jr.
David Kline
Charles Kuntz IV
Sanford J. Larson
Edward R. Laws

Lyal G. Leibrock
Anthony Marmarou
Karin M. Muraszko
Kent C. New
John C. Oakley
Andrew T. Parsa
Donald O. Quest
Albert L. Rhoton, Jr.
Jon H. Robertson
James T. Rutka

Henry G. Schwartz
Volker K. H. Sonntag
Philip E. Stieg
Charles H. Tator
Martin H. Weiss
Charles B. Wilson
Military Heroes

Disbursement of monies from HYM funds this year included:

- The **Regis W. Haid Fund** supported the administration and launch of the QOD study for NPA: Effectiveness of Fusion for Grade I Spondylolisthesis.
- The **Charles Kuntz Fund** supported resident travel to the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting.
- The first tumor research project funded by the **Andrew T. Parsa Fund** was awarded by the AANS/CNS Section on Tumors to **Darryl Lau, MD**, University of California-San Francisco. Proceeds from the **2016 Columbia University Charity Softball Tourney** (\$75,000) were directed to the Parsa HYM Fund.
- The **Warren C. Boop, Jr. Fund** supported a resident from the University of Arkansas in a presentation to the Southern Neurosurgical Society.

CUSHING CIRCLE OF GIVING

Welcome to the newest members of the **Cushing Circle of Giving**, a cumulative lifetime giving society for donors committed to advancing neurosurgery with a contribution or pledge of \$25,000 or more.

Individuals

Michael A. Chabraja, Esq.
 Ali Chahlavi, MD, FAANS
 Mrs. Elise Connolly
 H. Gordon Deen, Jr., MD, FAANS
 Jeremy L. Fogelson, MD, FAANS
 Drs. Kevin T. and Lynn M. Foley
 Allan H. Friedman, MD, FAANS
 Kai-Ming Fu, MD, PhD, FAANS
 Ricardo Alexandre Hanel, MD, PhD
 A. Bernhard Kliefoth III, MD, FAANS(L)

Eric W. Nottmeier, MD, FAANS
 D. Ryan Ormond, MD
 Rob G. Parrish, MD, PhD, FAANS
 Stephen M. Pirris, MS, FAANS
 Ashutosh Ashok Pradhan, MD, FAANS
 Eric Loren Rhoton, MD, FAANS
 James Thomas Robertson, MD, FAANS(L)
 J. Marc Simard, MD, PhD, FAANS
 Martin H. Weiss, MD, FAANS(L)

Institutions

American Academy of Neurological Surgery
 American Brain Tumor Association
 American College of Surgeons
 California Association of Neurological Surgeons
 Congress of Neurological Surgeons
 Haas Trust
 Henry Ford Hospital
 Keller Foundation / Mrs. Ruby C. Keller
 Massachusetts General Hospital Department
 of Neurosurgery
 Mayo Clinic-Florida Department of Neurosurgery

Rocky Mountain Neurosurgical Society
 Rush University Medical Center Department
 of Neurosurgery
 SUNY Syracuse Neurosurgical Residency
 University of Alabama Neurosurgical Residency
 University of California-San Francisco
 Neurosurgical Residency
 The University of Oklahoma Health Sciences Center –
 Dept of Neurological Surgery
 University of Virginia Department of Neurosurgery
 UPMC-Department of Neurological Surgery

NEWS AND NOTES

- There have been 23 QOD publications and an additional 22 NREF-sponsored talks. Three additional QOD manuscripts have been accepted for publication and 16 others are in process this year.
- Other notable donors include: **Ricardo Alexandre Hanel, MD, PhD**, welcomed into the Cushing Circle of Giving at the Silver level and **Robert F. Heary, MD, FAANS**, elevated to the Gold level. **Frederick G. Barker II, MD, FAANS**, **Drs. Robert E.** and **Kimberly S. Harbaugh**, **Praveen V. Mummaneni, MD, FAANS**, and **Seth M. Weingarten, MD, FAANS(L)**, promoted to the Silver Level.
- The **Young Neurosurgeons Circle of Giving**, a giving society for residents, includes: **Nitin Agarwal, MD**, **Stephen T. Magill, MD, PhD**, **Lisa Anne Feldman, MD**, **Allen H. Ho, MD**, and **Steven Tenny, MD**.
- **Pinnacle Partners in Neurosurgery**: The NREF gratefully acknowledges corporate supporters **Brainlab**, **Globus**, **Johnson & Johnson Medical Device Companies**, **Medtronic**, **Paradigm Spine**, **Synaptive** and **Varian Medical Systems** for their commitment to advance neurosurgery.