

THE FOUNDATION OF THE ASNR



ROI²

Return on Investment: Raising our Influence



Annual Report 2018

Message from the Co-Chairs

On behalf of the Board of Trustees, it is a pleasure to report the Foundation of the American Society of Neuroradiology was able to **fund \$1.1 Million to 11 investigators in fiscal year 2018**. Thanks to the generosity of our donors, the Foundation continues to promote the stability and growth of neuroradiology by providing critical research needed to yield expert diagnoses, target patient care and apply sophisticated approaches to complex disease management.

As neuroradiologists and members of ASNR, we play a vital role in promoting the highest standards for training and practice, fostering research in our field, and ensuring the future of our specialty. Research is central to the future of our field; fostering new ideas for clinical practice and enhancing patient care.

Your continued support and donations have allowed the Foundation to grant \$6.3 million to fund over 115 members in our society as research investigators. **During the FY 2018 Campaign, ROI² Return on Investment: Raising our Influence, the ASNR Board of Directors sponsored a matching grant for first time donors which yielded a 17% increase in the number of first-time donors.** This increased Foundation support by our membership sends a clear message of commitment to preserve the integrity of our specialty and patient care.

Thank you for the opportunity to serve as the Co-Chairs of the Foundation and work collaboratively with a dedicated board of neuroradiologists whose vision and commitment allows us to fulfill our mission.

Trusting that our continued efforts will create a greater value for all of neuroradiology.



Laurie A. Loevner, MD

Co-Chair, The Foundation of the ASNR



Pina C. Sanelli, MD, MPH, FACR

Co-Chair, The Foundation of the ASNR

More than
116
Neuroradiology
Researchers
have been funded
since 1987

Increase of
41%
in donation
dollars from
FY 2017 to FY 2018

The Foundation funded
\$1.1 M
in grants in **FY2018**

Increase of
17%
in 1st time donors
in **FY2018**

Foundation of the ASNR 2017-2018 Board of Trustees



FOUNDATION CO-CHAIR

LAURIE A. LOEVNER, MD

University of Pennsylvania
Medical Center
Philadelphia, Pennsylvania



MEMBERS

ROBERT M. BARR, MD, FACP

Mecklenburg Radiological Associates
Charlotte, North Carolina



FOUNDATION CO-CHAIR

PINA C. SANELLI, MD, MPH, FACP

North Shore – LIJ Health System
Manhasset, New York



HOWARD A. ROWLEY, MD

University of Wisconsin
Madison, Wisconsin



EXECUTIVE DIRECTOR, ASNR

MARY BETH HEPP, MBA

Ex-Officio



TINA YOUNG POUSSAINT, MD, FACP

Boston Children's Hospital
Boston, Massachusetts



MEMBERS

JACQUELINE A. BELLO, MD, FACP

Montefiore Medical Center
Bronx, New York



ERIN SIMON SCHWARTZ, MD, FACP

Children's Hospital of Philadelphia
Philadelphia, Pennsylvania

Mission

The mission of The Foundation of the American Society of Neuroradiology is to promote research and education in the field of neuroradiology and the development of new ideas for clinical practice.

The Foundation of the American Society of Neuroradiology is the 501 (C) 3 philanthropic arm of the American Society of Neuroradiology (ASNR). Through providing resources to support the advancement of neuroradiology, the Foundation's goals are:

- To advance the mission of the American Society of Neuroradiology through philanthropic and marketing efforts.
- To secure the resources necessary to ensure research and educational opportunities for neuroradiologists and members of ASNR.
- To educate and encourage individuals, corporations, and grantors to partner with the Foundation through philanthropic investment strategies.
- To continue its role as a seed funder for neuroradiology research.

Statement of Financial Position

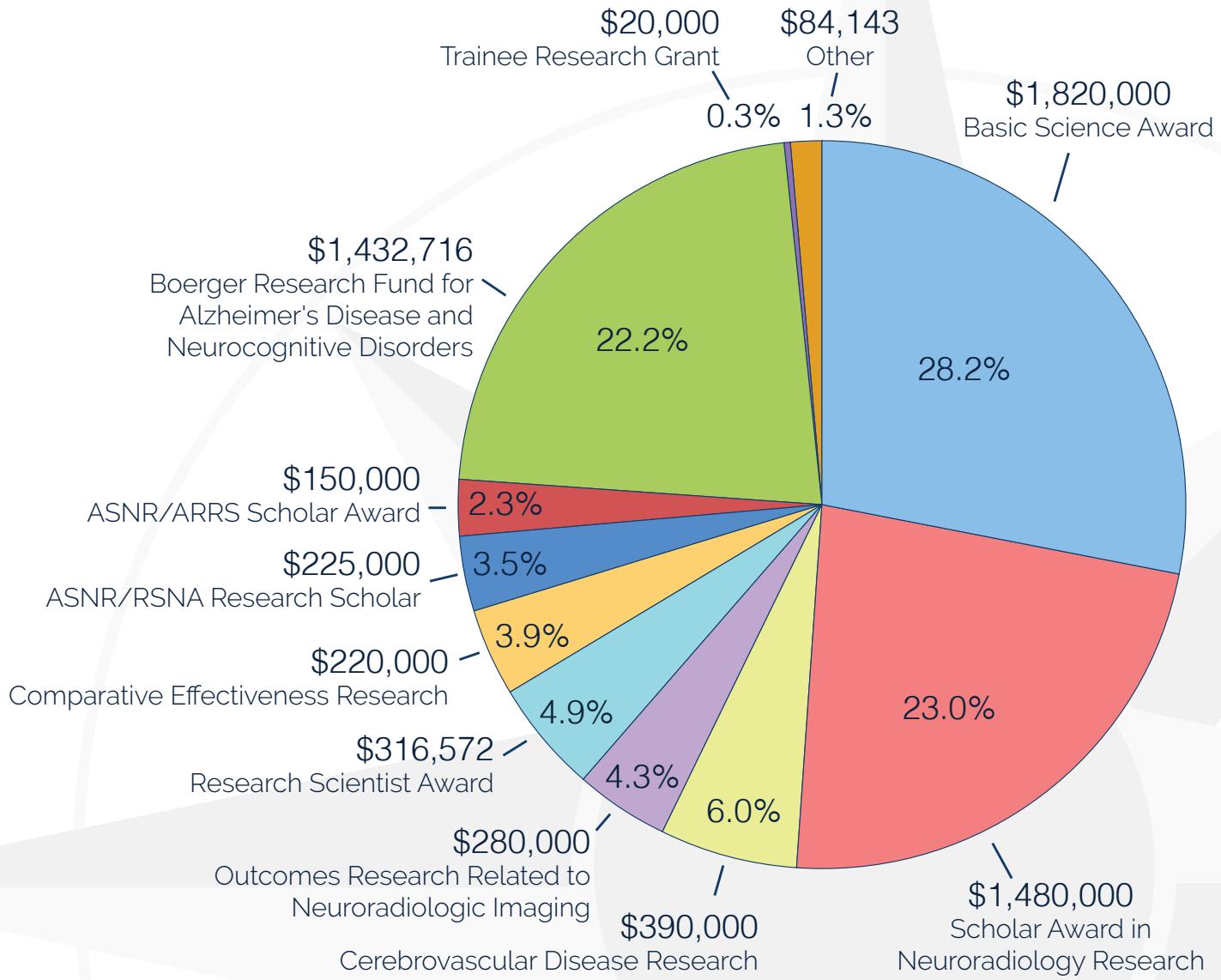
	2018	2017	
	THE FOUNDATION OF THE AMERICAN SOCIETY OF NEURORADIOLOGY	THE FOUNDATION OF THE AMERICAN SOCIETY OF NEURORADIOLOGY	
Assets			
Cash and cash equivalents	\$ 278,492	\$ 580,534	
Investments	8,503,055	8,792,526	
Total assets	\$ 8,781,547	\$ 9,373,060	
Liabilities and Net Assets			
Liabilities:			
American Society of Neuroradiology	\$ 52,686	\$ 23,210	
Other	7,676	153,918	
Total liabilities	\$ 60,362	\$ 177,128	
Net assets:			
Unrestricted:			
Undesignated	\$ 8,079,443	\$ 8,609,331	
Designated-pediatric neuroradiology, spine neuroradiology, and head and neck radiology	423,043	386,694	
Temporarily restricted:	91,915	73,123	
Permanently restricted:	126,784	126,784	
Total net assets	\$ 8,721,185	\$ 9,195,932	
Total liabilities and net assets	\$ 8,781,547	\$ 9,373,060	

Statement of Activities

	2018	2017						
	UNRESTRICTED	TEMPORARILY UNRESTRICTED	PERMANENTLY UNRESTRICTED	TOTAL	UNRESTRICTED	TEMPORARILY UNRESTRICTED	PERMANENTLY UNRESTRICTED	TOTAL
Operating Support and Revenue Under Operating Expenses								
Contributions and sponsorships								
Contributions and sponsorships	291,579			291,579	1,050,134			1,050,134
On-line CME	-			-	1,192			1,192
Net assets released from restriction	-			-	8,564	(8,564)		-
Total Operating Support and Revenue	291,579			283,015	1,837,554	(9,688)	-	1,827,866
Operating Expenses								
Annual Meeting								
Annual Meeting	-				125			125
Scholarships and awards	1,164,958			1,164,958	952,244			952,244
Education-maintenance of certification	20,000			20,000	85			85
Administrative	287,391			287,391	47,681			47,681
Fundraising	20,407			20,407	35,532			35,532
Total Operating Expenses	1,492,756	-	-	1,492,756	1,035,667	-	-	1,035,542
Other revenue (expense):								
Investment income	707,638	18,792		726,430	998,856	21,166		1,020,022
Award recoveries	-			-	-	-		-
Total Other Revenue	707,638	18,792	-	726,430	998,856	21,166	-	1,020,022
Change in Net Assets	(493,539)	18,792	-	(474,747)	1,023,079	12,602	-	1,035,681
Net Assets, Beginning of the Year	8,996,025	73,123	126,784	9,195,932	7,972,946	60,521	126,784	8,160,251
Net Assets, End of the Year	8,502,486	91,915	126,784	8,721,185	8,996,025	73,123	126,784	9,195,932

Your Donations at Work

Research Funded to Date



Make A Difference

The Foundation of the ASNR relies heavily on support from the neuroradiology community to further our mission of promoting education and research in the field of neuroradiology and the development of new ideas for clinical practice. Because your funds support innovative work of promising young investigators, you are building a vital pipeline of talent that will carry neuroradiology into the future.

When you make a gift to the Foundation, you send a clear message that you are committed to preserving the integrity of our specialty and that patient care is of utmost importance.

Please donate now to the Foundation of the ASNR online at foundation.asnr.org/page/donate

2018 Foundation of the ASNR Awards

Impact Statements



2018 Comparative Effectiveness Research Award

Akash Kansagra, MD, MS

Washington University School of Medicine and Barnes-Jewish Hospital

Science of Systems of Care: Simulating Care Delivery and Patient-Centered Health Outcomes in Acute Ischemic Stroke

"Recent clinical trials have proven the profound efficacy of interventional neuroradiology techniques... many questions remain about how to optimize countless variations in the delivery of this care. The grant I received from the (Foundation of the) ASNR is allowing me to study these questions using numerical simulations of stroke care in hundreds of thousands of patients. The findings of my work will help to address questions of how best to deliver this critical care while avoiding the time and expense of additional clinical trials."



2018 Scholar Award in Neuroradiology Research

Hediyeh Baradaran, MD | Boston University Medical Center

Carotid Intima-Media Thickness Progression and Subclinical Brain Ischemia, Brain Aging, and the Incidence of Dementia: Framingham Study

"My findings have provided strong evidence for a link between the progression of carotid atherosclerosis and premature loss of hippocampal volume which supports targeting atherosclerotic change for prevention and treatment of cognitive dysfunction... the Scholar Award has shaped my future career plans and has laid the foundation for a hopefully long and productive career as an academic neuroradiologist. I will be forever grateful to the Foundation...and hope the FASNR continues to support the dreams of aspiring clinician scientists."



2018 Scholar Award in Neuroradiology Research

Douglas Martin, MD | Stanford University

Noninvasive Neuromodulation in a Rat Model of Depression

"The Foundation awards provide an invaluable resource for both new and established neuroradiologists to explore new ideas that will advance the science of radiology and allow us to better diagnose and treat disease. By supporting the Foundation, you foster these advances and help ensure that neuroradiology remains dynamic and innovative in the years to come."



2018 Research Scientist Award in Neuroradiology

Kevin Chen, PhD | Stanford University

A Generalizable Deep Learning Network for Imaging Neuropathology with Ultra-low-dose PET/MRI

"I am grateful to the FASNR for this award...to pursue this impactful project and an opportunity to contribute to the extremely fast-moving field of artificial intelligence-aided neuroimaging. With generous support from the FASNR, the award will help me lay the foundation as I establish myself as an independent researcher, bridging the fields of engineering and neuroimaging."



2018 Trainee Research Award in Neuroradiology

Mikell Yuhasz, MD | New York University Langone Medical Center

Novel Structural MRI Characterization of Auditory Pathways in Pediatric Sensorineural Hearing Loss

"It has been my goal to harness and optimize the technology of our field in order to provide more clinically meaningful and relevant imaging techniques and in the process, foster closer collaboration among clinicians and radiologists. The 2018 Trainee Research Award has been invaluable to my burgeoning research interests, allowing me the opportunity to pursue an idea with protected time...I have been inspired to more fully dedicate myself to research with newfound confidence in my abilities and ideas."

The Boerger Research Fund for Alzheimer's Disease and Neurocognitive Disorders

In 2016 Mr. Paul Boerger's contributions of \$2.5 million created and endowed the Boerger Research Fund for Alzheimer's Disease and Neurocognitive Disorders. This fund allows the Foundation to support imaging-based research that advances our understanding of Alzheimer's disease, helps identify new treatment strategies, provides information to improve care for people with dementia, and will further our knowledge of brain health and disease prevention. The Foundation of the ASNR extends unending gratitude for the legacy that Mr. Boerger created and for his role in advancing the field of neuroradiology.

Impact Statements from 2017 Fund Recipients



Elizabeth Davenport, PhD
University of Texas Southwestern
MEG Spectral Analysis as a Biomarker in Alzheimer's Disease

"Receiving this foundation award will help me achieve a personal goal of fighting Alzheimer's disease. My grandmother was diagnosed with Alzheimer's Disease a few years ago, so I knew I wanted to do something to help future generations from suffering from this disease. This foundation award will help me collect preliminary data towards a goal of a clinically feasible non-invasive bio-marker for AD. With earlier detection, we can provide earlier treatment that will hopefully lead to a cure."



Christopher G Filippi, MD
The Feinstein Institute for Medical Research
Development of a Novel, Quantitative MR Imaging Biomarker of Glymphatic Flow for Alzheimer's Disease

"Receiving a grant from the Boerger Research Fund was critically important, as the quantitative MR imaging of glymphatic flow is a more experimental or "high risk/high reward" kind of grant that is unlikely to get funded through more traditional mechanisms. This funding is allowing us to get data for proof of concept and to gather necessary pilot data, so that we can apply for NIH funding. One of the most important missions of the Foundation of the ASNR is...to provide a critical lifeline of support to researchers at a time when securing extramural funding is increasingly difficult, especially for investigators who face increasing pressure to do more clinical work and relinquish academic days if those days are not funded by grants."



Cyrus Raji, MD, PhD
Washington University
Diffusion MR Imaging based Edge Density Connectome Mapping for Prediction Alzheimer's Disease

"My research, funded by the FASNR Boerger (Research) Fund for Alzheimer's Disease, has allowed me to demonstrate the diagnostic utility of diffusion MRI in identifying persons who will develop Alzheimer's Disease up to almost three years in advance...The FASNR grants ideally position junior investigators such as myself to apply for NIH grants...Continued support and donations to the FASNR ensures that junior faculty can be successful at establishing productive careers in academic neuroradiology."



Michael Zeineh, MD, PhD
Stanford University
Iron-Based Neuroinflammation: A New Window to AD Pathology

"The ASNR Boerger fund has had a very positive impact upon my research, lab, and career. The clinical implications are that we are evaluating the prospect of using quantitative measures of iron as an important factor in Alzheimer's disease mechanism and prognosis. This funding has been a springboard for my research, and it has enabled me to successfully submit and receive a NIH R01."

The Foundation of the ASNR Symposium 2018: Adding Value & Improving Healthcare



TARGET AUDIENCE

The Foundation of the ASNR Symposium 2018 focused on adding value and improving healthcare in neuroradiology. The symposium is centered on how neuroimaging adds value in many subspecialty areas, including brain, spine, head & neck, pediatric and neurointerventional procedures. The target audience included practicing neuroradiologists, other radiologists charged with interpreting neuroimaging studies, radiology fellows and residents, neuroscientists interested in the latest advances, and non-radiology colleagues whose practices include neuroimaging. Dedicated topic areas included screening and diagnostic neuroimaging, evidence based neurointerventional treatment, emergency neuroimaging use and usefulness, advanced imaging strategies, and healthcare reform.



OBJECTIVES

- Discuss neuroimaging adding value in clinical care by improving health outcomes and healthcare delivery.
- Explore the extensive utilization of neuroimaging in the emergency setting.
- Diagnose low back pain and recommend other spine imaging and interventions.
- Report on incidental findings and how to manage follow-up evaluations.
- Review normal imaging and understand how negative exams are identified as positive results for patients.
- Evaluate head and neck imaging and determine patient management and treatment.
- Describe ways to improve quality and safety in pediatric neuroimaging.
- Review methods to improve patient outcomes utilizing advanced neuroimaging.
- Discuss the meaning and future of healthcare reform for Neuroradiologists.



Honor Roll of Contributors

Leadership Circle

Cumulative Gifts made over a lifetime

Founder

\$50,000+

Paul H. Boerger*
Castillo-Alvarez Charitable Fund at Triangle
Community Foundation
Dr. Anne G. Osborn
Dr. Gordon K. Sze

Patron

\$10,000-\$49,000

Austin Radiological Association
Drs. A. James Barkovich and Karen K. Jernstedt
Drs. Robert and Tara Barr
Dr. Craig N. Bash
Drs. Jacqueline A. Bello and Peter Carmel
Bracco Memorial Fellowship
Dr. Robert and Cathy Breit
Dr. Jonathan Breslau and Mrs. Lisa Breslau
R. Nick and Jean Bryan
Dr. Kim D. Burroughs
Dr. Charles M. Citrin
Dr. Rama Devasthal
Dr. Burton P. Drayer
James and Vera Gantenberg
Dr. Jeffrey T. Hall
Dr. Carl W. Hardin
Dr. Anton N. Hasso
Dr. Victor M. Haughton
Dr. John R. Hesselink
Dr. Michael and Beverly Huckman
Dr. William D. Keyes
Mrs. Mary and Dr. Edmond Knopp
Dr. Bernadette Koch and Mr. Peter Morey
Dr. and Mrs. Irvin I. Kricheff
Dr. Andrew Ku and Ms. Diane Bandy
Dr. Roland R. Lee
Dr. Laurie A. Loevner and Mr. Steven A. Berger*
Dr. and Mrs. Robert R. Lukin
Dr. Jeffrey E. Magnuson
Drs. Vincent and Laura Mathews
Dr. Carolyn and Mr. Kenneth Meltzer
Dr. Walter Olsen and Zdenka Fronek
Dr. M. Judith Donovan Post
Dr. Robert M. Quencer and Christine Quencer
Dr. Varadareddy T Reddy
Dr. Patricia A. Rhyner
Dr. Leroy Roberts, Jr.
Dr. Michael & Mrs. Lynn Rothman
Drs. Carol Diamond and Howard Rowley
Drs. Eric J. Russell and Sandra K. Fernbach
Dr. Erin and Mr. Darren Schwartz
Dr. Marc D. Shapiro
Ron Shapiro Charitable Trust
Drs. J. Keith Smith and Lisa L. Jones
Dr. Raymond K. Tu
Dr. Patrick and Deborah Turski
Dr. Samuel M. Wolpert
Kelly and David Yousem
Dr. Robert and Mrs. Ellen Zimmerman

Ambassador

\$5,000- \$9,999

Dr. Joseph P. Alenghat
Dr. Yoshimi Anzai

Dr. John AufderHeide

Dr. Jayapalli Rajiv Bapuraj
Dr. Jose A. Bauza
Dr. Carlos Bazan, III
Dr. David L. Bloom
Dr. Jerryold Boxerman
Dr. Bruce H. Braffman
Dr. Barton F. Branstetter IV
Dr. Bradley R. Buchbinder
Dr. Oscar F. Carbonell
Dr. Asim F. Choudhri
Dr. Lawrence M. Davis
Dr. Michael Deck
Elise Galman Dee Foundation
Drs. William P Dillon and Irene Balcar Dillon
Dr. and Mrs. James N Dreisbach
Dr. David J. Feldman
Dr. Glenn S. Forbes
Dr. Erik H. Gaensler
Dr. Alisa D. Gean
Dr. John P. German
Dr. Christine M. Glastonbury
Dr. David and A Raechele Hackney
Dr. Charles M. Hecht-Leavitt
Dr. Linda A. Heier
Dr. Steven W. Hetts
Dr. Leo Hochhauser
Dr. Jeffrey G. Jarvik
Dr. Michele H. Johnson
Dr. Edward E. Kassel
Dr. Kelly K. Koeller
Dr. Andrew J. Kurman
Dr. Daniel J. Loes
Dr. Rene P. Manzo
Dr. Lee G. Michels
Dr. Lex A. Mitchell
Dr. Karen K. Moeller
Dr. Pratik Mukherjee
Dr. F. Reed Murtagh
Dr. Susan Palasis
Dr. J. Arliss Pollock
Dr. D. Gordon Potts
Dr. Tina Young Poussaint
Dr. Haricharan P. Reddy
Dr. John H. Rees
Dr. Jeffrey S. Ross
Dr. Noriko Salamon
Dr. Pina C. Sanelli
Dr. Pamela W. Schaefer
Dr. Balasundaram Chandra Sekar
Dr. I. Scott Sutherland
Dr. Chip Truwit
Dr. Apostolos John Tsioris
Dr. Robert E. Watson
Dr. Douglas H. Yock

Visionaries

*Donors who have contributed \$1,000
or more annually*

\$10,000 & Above

Dr. Laurie A. Loevner
In loving memory of Steve Berger
Dr. Anne G. Osborn

\$5,000 - \$9,999

Drs. Jacqueline A Bello and Peter Carmel

Dr. John P. German

*In honor of Dr. Thomas A. Tomsick; thank you
for years of support and o mentoring.*

Dr. Jeffrey S. Ross

Mayo Clinic Neuroradiology

*This donation to the ASNR Foundation is
made in honor of Dr. O. Wayne Houser by his
grateful Neuroradiology colleagues at the
Mayo Clinic. Dr. Houser served as President
of the ASNR from 1983 - 1984; and has been
a tremendously inspirational leader and role
model in our field. Sincere thanks to you Dr.
Houser for your profound contributions to
our group and your embodiment of the
Mayo model of care.*

\$2,500 - \$4,999

Drs. Robert and Tara Barr
Dr. Rama Devasthal
Dr. Anton N. Hasso
Mary Beth Hepp, MBA
Dr. William D. Keyes
Mrs. Mary and Dr. Edmond Knopp
Dr. Lex A. Mitchell
Dr. Susan Palasis
*In honor of all that volunteer their time and
knowledge towards teaching
neuroradiology around the world.*
Dr. Tina Young Poussaint
Dr. Jacques Romano
Drs. Howard Rowley and Carol Diamond
*Our donation is made in honor of Dr. Anne G.
Osborn; and in support of the new Osborn
ASNR International Outreach Professor
program - Thank you Anne*
Dr. Pina C. Sanelli
Dr. Erin and Mr. Darren Schwartz
Drs. Keith Smith and Lisa Jones
Dr. Chip Truwit
Dr. Raymond K. Tu
To our terrific ASNR Health Policy team
Dr. Samuel M. Wolpert
Dr. Robert and Mrs. Ellen Zimmerman

\$1,000 - \$2,499

Dr. Jayapalli Rajiv Bapuraj
Drs. A. James Barkovich and Karen K. Jernstedt
T. Hans Newton
Dr. Barton F. Branstetter IV
Dr. Bradley R. Buchbinder
Todd and Charlene Burt
Dr. David C. Carrington
Castillo-Alvarez Charitable Fund at
Triangle Community Foundation
Dr. Asim F. Choudhri
Drs. William P and Irene Balcar Dillon
Dr. Burton P. Drayer
Dr. Edward J. Escott
Dr. John Stears
Dr. Christopher G. Filippi
In Loving Memory of Lorna Marke, DVM
Dr. Glenn S. Forbes
Dr. Erik H. Gaensler
Dr. Alisa D. Gean
*This donation is in honor of Dr. Howard
Rowley because he always donates large
sums of money to honor other individuals*

**Deceased*

Dr. Brent D. Griffith
 Dr. Lotfi Hacein-Bey
Dr. Juan M Taveras
 Dr. Victor M. Haughton
 Dr. Christopher Hess and Dr. Theresa Allison
 Paul Lauterbur
 Dr. Steven W. Hetts
 Dr. Joshua A. Hirsch
 Dr. Michael and Beverly Huckman
 Dr. Michele H. Johnson
 Dr. John E. Jordan
 Dr. William G. Bradley
 Dr. Claudia F.E. Kirsch
 Dr. Kelly K. Koeller
 Dr. Amy L. Kotzenas
 Dr. Roland R. Lee
In Memory of Dr. William G. Bradley, In honor of Dr. Rosalind Dietrich
 Dr. Yueh Z. Lee
 Dr. Kenneth R. Maravilla
 Dr. Erik H. Middlebrooks
 Dr. Gregory N. Nicola
 Dr. Walter Olsen and Zdenka Fronek
 Dr. Haricharan P. Reddy
 Dr. Leroy Roberts, Jr.
 Dr. Timothy P. L. Roberts
In memory of Bill Bradley; friend; mentor. In recognition of Howard Rowley; friend; colleague (and expert tutor in the ways of frequent flyer miles). And for my daughter; Sophie: only 3 years old and such a motivational influence. And to the ASNR; who welcomed in an English PhD type a couple of decades ago; and let me make the society my home. Thank you
 Drs. Eric J Russell and Sandra K. Fernbach
 Dr. Marc D. Shapiro
In honor of Robert Shapiro, M.D.
 Dr. In Sook Yu Song
"In Memory of President of ASNR
Dr. Ernest H. Wood 66-67
Dr. Sadek K. Hilal 77-78"
 Dr. Thomas A. Tomsick
In honor of Dr. Robert Lukin
 Dr. Apostolos John Tsouris
 Drs. Patrick and Deborah Turski
 Dr. Kirk M. Welker
 Kelly and David Yousem

Rising Stars

Donors who have contributed up to \$999 annually

\$500 - \$999

Applied Radiology
In Memory of William Bradley, MD
 Dr. Yoshimi Anzai
Bill Bradley
 Dr. Nafi Ayyun
 Dr. Jerrold Boxerman
 Dr. Jonathan Breslau and Mrs. Lisa Breslau
 Dr. Kim D. Burroughs
 Dr. Bradford S. Burton
 Dr. Oscar F. Carbonell
 Dr. Rebecca S. Cornelius
 Dr. Lawrence M. Davis
 Dr. Steven Falcone
 Dr. Nikdokht Farid
In memory of my mentor and first Chair; Dr. William G. Bradley.
 Dr. Scott H. Faro
 Dr. Wende N. Gibbs
My Neuroradiology mentors: AH; MO; JR; LT;

you made all the difference
 Dr. Christine M. Glastonbury
 Dr. John L. Go
In memory of William Bradley, MD and Brian Bowen, MD
 Dr. Edward H. Herskovits
 Dr. John R. Hesselink
 Dr. Thu-Anh Hoang
 Dr. Patricia A. Hudgins
 Dr. Steven G. Imbesi
 Dr. Jeffrey G. Jarvik
 Dr. Tabassum A. Kennedy
In honor of my mentors Dr. Howard Rowley; Dr. Carol Diamond and Dr. Aaron Field
 Dr. Neil U. Lall
 Dr. Mykol Larvie
 Dr. Jeffrey E. Magnuson
David B Kispert, MD
 Dr. Christie M. Malayil-Lincoln
 Dr. Rene P. Manzo
 Dr. Pejman J. Maralani
In honor of Allan J Fox
 Drs. Vincent and Laura Mathews
 Dr. Carolyn and Mr. Kenneth Meltzer
 Dr. Philip M. Meyers
 Dr. Karen K. Moeller
 Dr. Randy L. Niblett
 Dr. Alexander M. Norbush
Bill Bradley; friend; mentor; and beloved colleague
 Dr. David R. Payne
 Dr. Whitney B. Pope
 Dr. Vijay M. Rao
 Dr. Varadareddy T. Reddy
 Dr. John H. Rees
Anne G. Osborn International Outreach Professors Program
 Dr. Noriko Salamon
 Dr. Karen L. Salzman
In honor of Dr. Anne Osborn and Dr. Ric Harnsberger.
 Dr. Balasundaram Chandra Sekar
 Dr. Gaurang V. Shah
Vrindavan Shah
 Dr. Achala S. Vagal
In honor of Dr. Robert Lukin
 Dr. Murugusundaram Veeramani
 Dawn Winters, MBA
 Dr. Ronald L. Wolf
 Dr. Gregory G. Zaharchuk

\$250 - \$499

Dr. Ashley H. Aiken
 Dr. Laura M. Allen
Dr. Anne Osborn
 Dr. John G. Alley, Jr.
 Dr. Linda J. Bagley
In loving memory of Angie DiSpirito
 Dr. Jose A. Bauza
 Dr. Royce Biddle
 Dr. Matthew Bobinski
 Dr. Bruce H. Braffman
 Dr. Sharon E. Byrd
 Dr. George J. Carstens, III
 Dr. Rakesh D. Chaudhari
 Dr. James Y. Chen
 Dr. Melissa Mei Chen
 Dr. Taylor P. Chen
 Dr. Daniel Chow
 Dr. Arthur D. Cortez
 Dr. Robert L. DeLaPaz
 Dr. Andrew J. DeNardo
 Dr. Adam E. Flanders

Dr. Calvin H. Flowers, Jr.
 Dr. Reza Forghani
 Dr. Connie J. Gapinski
 Dr. Orit A. Glenn
 Dr. Ajay Gupta
 Dr. Stanley F. Handel
T. Hans Newton
 Dr. Gregory A. Hatfield
 Dr. Jeremy J. Heit
 Dr. John F. Hiehle, Jr.
 Dr. Jennifer A. Hill
 Dr. Ellen G. Hoeffner
In honor of past; present and future Neuroradiology Fellows at the University of Michigan.
 Dr. Barry F. Jeffries
 Dr. Blaise V. Jones
 Dr. Stephen E. Jones
 Dr. Edward E. Kassel
In honour of Dr. Laurie Loevner
 Dr. Herni Kieffer
 Dr. Bernadette Koch and Mr. Peter Morey
 Dr. Klaus W. Krueger
 Dr. Andrew J. Kurman
 Dr. James L. Leach
 Dr. Michael H. Lev
 Dr. Johnson B. Lightfoote
William G. Bradley
 Dr. Camilla E. Lindan
 Dr. Kenneth P. Lynch, III
 Dr. Alexander S. Mark
In member of Daniel Mark
 Dr. Jennifer L. McCarty
 Dr. Robert C. McKinstry, III
 Dr. Barry J. Menick
 Dr. Joel R. Meyer
 Dr. Frank R. Mihlon, IV
 Dr. William D. Miller
 Dr. James W. Moseley
 Dr. Sugoto Mukherjee
 Dr. Seyed Ali Nabavizadeh
 Dr. Kambiz Nael
My mother Maryam Izadi
 Dr. Cuong T. Nguyen
 Dr. Mitchell T. Pace
 Dr. Wallace W. Peck
 Dr. Todd R. Peebles
 Dr. Jeffrey R. Petrella
William and Carmela Petrella.
 Dr. Douglas Phillips
Dr. Deborah Shatzkes; my wife and best friend
 Dr. Jay J. Pillai
 Dr. Bruno A. Policeni
 Dr. Michael F. Polise
 Dr. Jeffrey M. Pollock
 Dr. Bidyut K. Pramanik
 Dr. Bryan A. Pukenas
 Dr. Prashant Raghavan
Samanvitha Murali
 Dr. Roy F. Riascos
 Dr. Javier Romero
 Dr. Michael B. Ruff
 Dr. Craig P. Russo
 Dr. Joshua M. Sapire
 Dr. Daniel G. Schwartzberg
 Dr. Deborah R. Shatzkes
Bill Bradley
 Dr. Dikoma C. Shungu
 Dr. Louis O. Smith, III
 Dr. Joel M. Stein
 Dr. Valerie Jewells Summers
 Dr. Jody L. Tanabe

Ms. Lora Di Padova-Tannehill
Maria P. and Frank C. Di Padova
Dr. Carlos H. Torres
Dr. Behroze A. Vachha
Dr. Arastoo Vossough
Dr. J. Geoff Wiot
Dr. Wade H.M. Wong
Dr. Stephen M. Ying
Dr. Amir A. Zamani
Dr. Albert Zilkha

Up to \$249

Dr. Jay P. Agrawal
Dr. Vikas Agarwal
Afthab Ahmed
ASNR Staff
Dr. Scott H. Allen
Dr. Michael U. Antonucci
Dr. Maria Aragao
Dr. Andres Arbelaez
Angelo Artemakis
Dr. Boyd C. Ashdown
Dr. Andrew E. Auber
Dr. Joseph M. Aulino
Dr. Gregory D. Avey
Dr. Lev Bangiyev
Dr. Daniel P. Barboriak
In memory of Paul F.J. New, MD, FACP
Dr. Douglas J. Bates
Dr. Clifford J. Belden
Dr. George Benashvili
Dr. David Berns
Rahul Bhala
Giles Black
Dr. Ari M. Blitz

In memory of Dr. Bill Bradley

Dr. Sarah A. Bochar
Dr. Eric C. Bourekas
Dr. Richard A. Bronen
Dr. Allan L. Brook
Dr. Douglas C. Brown
Dr. Anthony J. Bruno, Jr.
Dr. John Timothy Burger
Dr. Vernon D. Byrd
Ken F. Cammarata
Dr. James B. Carrico, Jr.
Dr. Donald W. Chakeres
Dr. Stephen Chan
Dr. Jennifer Chang
Dr. Yin J. Chen

In honor of Division of Neuroradiology at University of Pennsylvania

Dr. Sammy Chu
Dr. Alexander Copelan
Dr. Joseph P. Cousins
Dr. Mougnyan Cox
Dr. Jeffrey L. Creasy
Dr. Juan Pablo Cruz
Dr. J. Matthew Debnam
Dr. Jamal J. Derakhshan
Dr. Anna Derman
Dr. Nripendra C. Devanath
Dr. Jon J. DeWitte
Dr. William D. Donovan
Dr. Sathish K. Dundamadappa
Dr. Steven A. Dunnagan
Dr. Christopher R. Durst
Theresa Espinosa
The ASNR staff
Dr. Richard T. Falter, Jr.
Dr. Nancy J. Fischbein
Dr. Maurice Fitzpatrick
Dr. Robert M. Freedy

Dr. Timothy A. Frye
Dr. John R. Gaughen, Jr.
Dr. Bernard T. Gero
Dr. Rachael E. Gordon
Dr. Neilesh Gupta
Dr. David Gutman
Dr. Richard A. Haas
Dr. H. Phillip Hahn
Dr. Grant Hieshima
Dr Anne Osborne Professor program
Dr. Peter G. Hildenbrand
Dr. Virginia B. Hill
Dr. Jenny K. Hoang
Dr. Alan J. Holz
Dr. Kuang-chun J. Hsieh
Dr. Raymond Y. Huang
Dr. Steven T. Hunt
Dr. Jason Michael Huston
Dr. Sarah F. Ifthikharuddin
Dr. Jana Ivanidze
Michael Voryk; ZL
Dr. Christopher R. Joy
Dr. Peter W. Joyce
Dr. Brian T. Kaineg
Dr. Andrew J. Kalnini
Dr. Boris A. Karaman
Dr. Gregory A. Kaufmann
Dr. Irwin A. Keller
Dr. Prabhakar P. Kesava
Dr. Leena M. Ketonen
Dr. Arshad A. Khan
Dr. Virendra Kumar
Dr. JoAnne L. Lacey
Dr. Theodore C. Larson, III
Dr. Meng Law
Dr. Jillian W. Lazor
Rick Empric
Dr. Grace M. Lee
Dr. Raisa Lev
Dr. Alan Lobo
Dr. Karl O. Lovblad
Dr. Yvonne Lui
Dr. and Mrs. Robert R. Lukin
Karen L. Lyp
Dr. Andrew C. McClelland
Dr. David J. Mikulis
Dr. Christine M. Miller
Dr. Michelle M. Miller-Thomas
Dr. Bradd R. Millian
Dr. Suyash Mohan
My father, Late Madan Mohan
Dr. Walter J. Montanera
Dr. Robert E. Morales
Dr. Andrés Moreno De Luca
Dr. Jonathan A. Morgan
Dr. Todd A. Mulderink
Dr. Sofia Muzzafar
Dr. Surya P. Nadimpalli
Dr. Dan Thach Dam Nguyen
Dr. Sumit N. Niogi
Dr. Edward R. Noble
Dr. Olaf B. Nordling
Dr. Michael J. Opatowsky
Dr. Mark C. Oswood
Dr. Prashant Parashurama
Dr. Gaetano T. Pastena
Dr. Thomas W. Peltola
Dr. Mark J. Pfleger
Dr. Mylien S. Pham
Bill Bradley
Dr. Gregory M.S. Phelan
Dr. G. Lee Pride, Jr.

Dr. Robert M. Quencer and Christine Quencer

Dr. Scott D. Rand
Dr. Otto Rapalino
Dr. Ronald A. Rauch
Dr. Charles A. Raybaud
Dr. Feliza Restrepo
Dr. John L. Ritter
Dr. Pavel Rodriguez
Dr. Pablo Rodriguez-Covili
Dr. Rafael Rojas
Dr. Mary C. Russell
Dr. Osamu Sakai
Dr. Steven M. Schonfeld
Dr. Eric D. Schwartz
In memory of Brian C. Bowen, MD, PhD
Dr. Neda I. Sedora Roman
Dr. David J. Seidenwurm
Dr. Andrew H. Shaer
Dr. Rakesh R. Shah
Dr. Vinil N. Shah
Dr. Karuna V. Shekdar
Dr. Keivan Shifteh

In honor of Drs. Jacqueline A. Bello and Peter Carmel
Dr. Joshua S. Shimony
Dr. Mark S. Shiroishi
Dr. Clark W. Sitton
Dr. Aaron D. Skolnik
Dr. James G. Smirniotopoulos
Dr. Kudavalli Somashekhar
Dr. Jae W. Song
Dr. Kenneth A. Spero
Dr. Ashok Srinivasan
Dr. Jason M. Stoane
Dr. Drew A. Streicher
Dr. Bradley S. Strimling
Dr. Andrew J. Sundblad
Dr. Amar S. Swarnkar
Dr. Krishnamoorthy Thamburaj
Dr. Paul J. Tobben
Dr. Duc D. Tran
Dr. Sunil S. Trasi
Dr. Juan N. Useche
Dr. Jeffrey B. Ware
Dr. Andrew E. West
Dr. Richard E. Whitehead
Dr. Elysa Widjaja
Dr. Richard H. Wiggins III
Dr. Michael A. Wilczynski
Dr. Alan L. Williams
Dr. Lorna S. Williams
Dr. John H. Woo
Suzanne and Robert C. Wood, MD
Dr. William L. Woodard, Jr.
Dr. German Zamora

The Foundation of The ASNR

**800 Enterprise Drive, Suite 205
Oak Brook, Illinois 60523-4216**

Phone: 630-574-0220

Foundation.ASNR.org