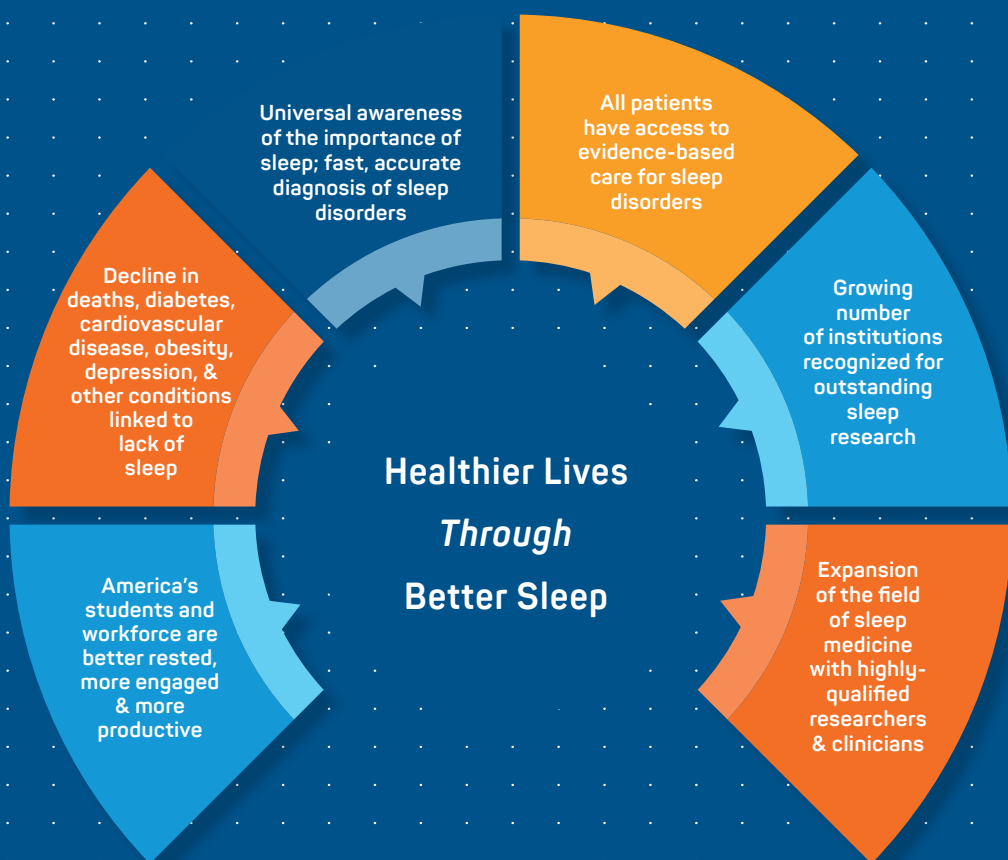




Healthier lives through  
**BETTER SLEEP**

2018 Annual Report

# Our **Vision** for Society and the Field of Sleep Medicine





## Mission

**Promote discoveries that  
advance the understanding of  
sleep for healthier lives**

# From the President:

## Celebrating 20 Years of Investing in Clinical Research



Dear Colleagues:

The 20th year of the AASM Foundation has been a year of exciting transitions and we have many things to celebrate:

- More than \$2.2 million in new sleep research funding was committed in 2018
- Introduction of an updated brand with a redesigned website that emphasizes our commitment to promoting sleep research and improving sleep health
- Distribution of more than \$13.5 million in funding for more than 200 awards since our founding in 1998
- Launch of a new electronic award application platform that streamlines the submission process for applicants
- Addition of dedicated staff members who are driving our initiatives and enhancing relationships with applicants, awardees, reviewers and donors

We also took important steps to prepare for the future by completing our first comprehensive strategic planning process in over a decade. A key focus of our planning was to identify how to leverage our resources to best support the future of sleep science and research. We also wanted to make sure that our award programs are aligned with the needs of both clinical researchers and the community.

Unfortunately, our profession has a critical shortage of clinical scientists, and federal funding to support sleep science has not kept pace with the growth of funding in other areas.

These significant challenges are leaving the field of sleep medicine at a critical crossroads, but we believe the AASM Foundation is uniquely positioned to address these headwinds with our new strategic plan that has prioritized the following goals:

**Goal 1:** Improve patient-centered sleep care through high-impact research

**Goal 2:** Develop the careers of sleep and circadian investigators

**Goal 3:** Increase the engagement of current and potential stakeholders

As you will see throughout this report, our programs are actively working to address our challenges, but we can do more. Our five-year strategic plan includes many new initiatives that will enable AASM Foundation to achieve our goals while taking a leading role in addressing unanswered scientific questions that will improve care for patients and the community, while also helping to train the next generation of sleep scientists.<sup>1</sup>

*“Our vision is to improve the health of all people by supporting the sleep science that matters to patients, practitioners and the public.”*

Thanks to the generous support of our donors, volunteers and the sleep community, we can make our vision a reality.

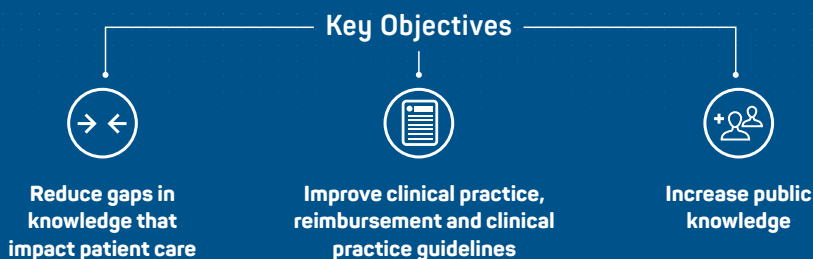
Sincerely,



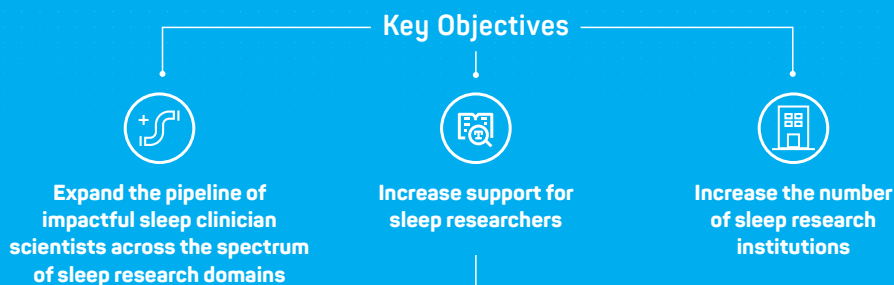
Jennifer L. Martin, PhD, CBSM, FAASM  
President

1. Martin JL. Healthier lives through better sleep: a new vision for the AASM Foundation. *J Clin Sleep Med*. 2019;15(5):679–681.

## Goal 1: Improve Patient-Centered Sleep Care through High-Impact Research



## Goal 2: Develop the Careers of Sleep and Circadian Investigators



## Goal 3: Increase the Engagement of Current and Potential Stakeholders



### 2018 – 2019 Board of Directors

Jennifer L. Martin, PhD  
*President*

Raman Malhotra, MD  
*Secretary/Treasurer*

Steve Van Hout  
*Executive Director, Ex officio*

R. Nisha Aurora, MD, MHS

Kelly Carden, MD, MBA

Douglas Kirsch, MD

David Kristo, MD

Eric Olson, MD

Kannan Ramar, MD

Carol L. Rosen, MD

Ilene Rosen, MD, MS

James A. Rowley, MD

Anita Shelgikar, MD, MHPE

### Investigator-Initiated Awards

**Strategic Research Award**  
Fosters health services research and patient-oriented research in sleep medicine, to improve patient outcomes and to demonstrate value. Awards are focused on specific topic areas that will advance the field of sleep medicine.  
**Category I:**  
Up to \$250,000 over 3 years  
**Category II:**  
Up to \$100,000 over 2 years

**Community Sleep Health Award**  
Supports a wide range of projects spearheaded by community leaders and/or interprofessional individuals who are dedicated to addressing sleep health needs in the community and sustaining population sleep well-being.  
Up to \$20,000 per award for 1 year

### Additional Awards Available

**Disaster Relief Fund**  
These funds are intended to aid sleep centers that have lost their ability to operate and provide patient care due to devastating damages to their facilities caused by natural disasters. Financial assistance is offered to affected sleep centers to ensure that medical care remains available to the sleep patients that need it.

**Clinical Fellowship Rescue Funding Award**  
These funds are intended to provide matching funds to maintain ACGME-accredited sleep medicine fellowship slots at organizations at risk of losing funding. The goal of this award is to provide supporting funds for a one-year sleep fellowship slot while the program works to secure funding for the subsequent year(s).

### Career Path

Training

POST  
DOCTORAL  
FELLOWS  
& CLINICAL  
FELLOWS

Transition

FACULTY

Independent

### Career Development Awards

**Young Investigators Research Forum**  
Research retreat aimed at providing guidance, tactics, and strategies to better position early career investigators for a successful career in sleep research.  
Travel and lodging expenses paid by the AASM Foundation.

**Focused Projects Award for Junior Investigators**  
Supports career development of junior investigators through mentored projects across a wide variety of topics relevant to sleep medicine.  
Up to \$20,000 per award for 1 year

**Bridge to Success Award for Early Career Investigators**  
Provides bridge funding to promising early career sleep scientists who have applied for a federal career development award and need additional time and resources to respond to critiques.  
Up to \$100,000 per award for 1 year

**Physician Scientist Training Award**  
Following a clinical sleep medicine fellowship, provides mentored research training during the gap year for physicians who wish to pursue careers as physician scientists.  
Up to \$100,000 per award for 1 year

**ABSM Junior Faculty Award**  
Provides mentored sleep and circadian research project support for early career faculty who are physician scientists and certified in sleep medicine by a member of the American Board of Medical Specialties.  
Up to \$100,000 per award for 2 years

**Bridge to Success Award for Mid-Career/Senior Investigators**  
Provides bridge funding to established sleep scientists who have been independently supported by the NIH or other government research grants while reapplying for external funding.  
Up to \$100,000 per award for 1 year

# 2018 AASM Foundation Award Recipients

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## Strategic Research Award

### **Jennifer Albrecht, PhD**

University of Maryland School of Medicine  
*Impact of High PAP Adherence on Cardiovascular Outcomes Among Medicare Beneficiaries with Obstructive Sleep Apnea, 2006-2015*

### **Ruth Benca, MD, PhD**

University of California, Irvine  
*PAP Adherence and Longitudinal Accumulation of Alzheimer's Disease Pathology in Cognitively Normal Older Adults with Obstructive Sleep Apnea*

### **Indira Gurubhagavatula, MD**

University of Pennsylvania  
*Adherence to Positive Airway Pressure in Law Enforcement Officers with Obstructive Sleep Apnea: Role of Telemedicine Strategies*

### **Kiran Maski, MD**

Boston Children's Hospital  
*Development and Validation of Pediatric Narcolepsy Patient Reported Outcomes Scale (PN-PROS)*

### **Diego Mazzotti, PhD**

University of Pennsylvania  
*Leveraging Polysomnographic Physiological Signals for Improved Cardiovascular Risk Stratification in Obstructive Sleep Apnea*

### **Lynn Marie Trotti, MD, MSc**

Emory University School of Medicine  
*Informing Treatment Decisions in the Central Disorders of Hypersomnolence: A Pragmatic Clinical Trial of Modafinil Versus Amphetamines*

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## Physician Scientist Training Award

### **Eric Landsness, MD, PhD**

Washington University – St. Louis  
*Focal Slow Wave Sleep in Brain Repair and Recovery After Stroke*

### **Brienne Miner, MD**

Yale University  
*Insomnia with Short Sleep Duration in Aging Populations*

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## Bridge to Success Award for Early Career Investigators

### **Eric Landsness, MD, PhD**

Washington University – St. Louis  
*Local Slow Wave Sleep and Stroke Recovery*

### **Mary Beth Miller, PhD**

University of Missouri  
*Treating Insomnia Among Heavy-Drinking Veterans*

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## Bridge to Success Award for Mid-Career/Senior Investigators

### **Thomas Scammell, MD**

Beth Israel Deaconess Medical Center  
*Mechanisms of Cataplexy*

### **Jag Sunderram, MD**

Rutgers Robert Wood Johnson Medical School  
*Exploring Mechanisms of OSA in World Trade Center Responders*

The AASM Foundation has provided  
**\$13.5M**  
**IN RESEARCH FUNDING**  
**FOR MORE THAN**  
**200 AWARDS**  
in 25 states and Canada.

---

## Focused Projects Award – Humanitarian/Educational

### **Tracy Rupp Hockmeyer, PhD, MAc**

EbbTide Wellness Studio

*Community Acupuncture Sleep Intervention for  
Hispanic Immigrants: A Preliminary Investigation*

### **Christine Spadola, PhD**

**& Danielle Groton, PhD**

Florida Atlantic University

*Empowering Social Work Students to Promote  
Sleep Health Among Underserved Populations*

### **Yu Sun Bin, PhD**

University of Sydney

*An Interdisciplinary Sleep and Circadian  
Online Course for First-year Undergraduates*

---

## Focused Projects Award for Junior Investigators

### **Nicole Bowles, PhD**

Oregon Health & Science University

*Effect of Tetrahydrocannabinol (THC)  
on Sleep in Humans*

### **David Kalmbach, PhD**

Henry Ford Health System

*Treating Perinatal Insomnia and Rumination  
to Reduce Postpartum Depression Symptoms:  
A Randomized Control Trial of Digital  
Cognitive-Behavioral Therapy for Insomnia*

### **Junjie Liu, MD, PhD**

Yale University

*Mapping Brain Activity During Arousals in  
Obstructive Sleep Apnea Patients*

### **Ankit Parekh, PhD**

Icahn School of Medicine at Mount Sinai

*Sleep Microarchitecture, Neuroimaging and  
Daytime Sleepiness in OSA and its Treatment*

### **Megan Petrov, PhD**

Arizona State University

*Markers of Early Atherosclerotic Progression  
in Insomnia*

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## ABSM Junior Faculty Research Award

### **Salma Patel, MD, MPH**

University of Arizona

*Cardiorespiratory Interactions during  
Noninvasive Ventilation*

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## Disaster Relief Fund

Established in 2005, the fund is available to sleep centers that have lost their ability to operate and provide patient care due to devastating damages to their facilities in the wake of natural disasters. In 2018, the AASM Foundation provided funding to two facilities:

### **American Sleep Centers, Inc.**

Carolina, Puerto Rico

### **SJHC Sleep Lab, Inc.**

San Juan, Puerto Rico

*In order to quickly respond to any sleep center that has been impacted by a natural disaster, the AASM Foundation accepts disaster relief fund applications throughout the year; the application is available on our website.*

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## High School Video Contest

The AASM Foundation invited high school students to participate in the “Make Time 2 Sleep” contest by making videos that focus on motivating teens to prioritize the importance of sleep in their lives. Each prize was split evenly between the winning student and his or her school.

### **1st Place – \$1,000**

#### **Joseph O’Brien**

Homeschooled

Roseville, MN

### **2nd Place – \$500 and People’s Choice – \$250**

#### **Michelle Kwon**

Glenbard South High School

Glen Ellyn, IL



# 2018 Social Media Highlights



**/AASMFoundation**

**Katie Sharkey MD, PhD**

@katie\_sharkey

11 Dec 2018

“Great @AASMorg article about Dr. @NeomiShah and her successful research career including new funding to study sleep apnea and atherosclerosis foundation. #YouGoGirl”

**AASM Foundation**

@aasmfoundation

25 Nov 2018

“#GivingTuesday is November 27, but these @AASMorg employees have a head start on celebrating the season of giving by making personal contributions to the AASM Foundation! We hope you'll join our generous staff by making a contribution today.”

**Dr. Neomi Shah**

@NeomiShah

5 Dec 2018

“Dr. Ari Shechter @Columbia visits us @Respiratory\_NYC #sleep #grandrounds Discusses his ongoing research on #bluelight #blocking #sleep #insomnia work funded by @aasmfoundation and @nih\_nhlbi”

**Diego R. Mazzotti, PhD**

@mazzottidr

1 Nov 2018

“Thanks for the opportunity offered by the @aasmfoundation ! I feel honored to be one of the Strategic Research Award recipients! Looking forward to put my project in practice!”

**Sam Morkous, MD, FAAP, FAAN**

@samehserry20

29 Dec 2018

“Join (the campaign) and make a difference in your field and your patient's life 🙌🙌🙌”

**NIH NHLBI**

@nih\_nhlbi

17 Oct 2018

“Tune in to watch our panel "Stakeholders Speak: Women Service Members and Veterans - Unique Challenges and Opportunities" with #NHLBI Cheryl Anne Boyce, @aasmfoundation Jennifer Martin & @USUhealthsci Col. Candy Wilson #WomenSleep2018 @DeptVetAffairs”

# Better Together

Three award recipients collaborate to make a larger impact on sleep medicine

*Three recipients of the 2017 Strategic Research Award have projects that focus on the role of telemedicine, using the AASM Sleep™ platform, in the evaluation and management of patients with insomnia. All three projects are examining similar research questions, but from different perspectives and with slightly different study designs and patient outcomes. The sleep researchers met at the beginning of their projects to share data collection methods and, long term, consider pooling data for analyses of a combined dataset. Learn more about their on-going collaboration.*



## Increasing Access to Care Through Patient Satisfaction

Philip Gehrman, PhD, is an Associate Professor in the Department of Psychiatry at the Perelman School

of Medicine at the University of Pennsylvania. His project is focused on determining if cognitive behavioral therapy for insomnia (CBT-I) delivered by AASM Sleep™ is effective in improving insomnia severity, satisfaction and adherence to treatment, compared to in-person delivery of CBT-I in patients with chronic insomnia. The overarching hypothesis is that use of telemedicine to deliver

*“Although CBT-I is the gold standard recommended treatment for insomnia, many patients with insomnia do not have direct access to this type of treatment.”*

CBT-I produces similar clinical improvements to in-person delivery and is acceptable to patients.

Sixty individuals with insomnia are being randomly assigned to receive CBT-I either in-person or via telemedicine. “Although CBT-I is the gold standard recommended treatment for insomnia, many patients with insomnia do not have direct access to this type of treatment,” said Gehrman. “If it is demonstrated that delivery via telemedicine is as efficacious as in-person treatment, that would open the door to using this technology to greatly increase access to care.”



## Providing a New Avenue for Post-Hospitalization Care

Sairam Parthasarathy, MD, is a Professor of Medicine and Interim

Chief in the Division of Pulmonary, Allergy, Critical Care and Sleep Medicine at the University of Arizona. His project compares telemedicine CBT-I (via AASM Sleep™) versus conventional office-based CBT-I in patients with insomnia who are discharged from the hospital to determine its effectiveness in improving insomnia severity and patient satisfaction.

*“Our program of research is aimed at understanding whether telemedicine approaches to treatment of insomnia can improve patient-centered outcomes.”*

The rationale for this study is that recently hospitalized patients who are recuperating in their homes would find it difficult to return for weekly visits with a clinical psychologist and would prefer the convenience of telemedicine CBT-I administered in their homes. “Our program of research is aimed at understanding whether telemedicine approaches to treatment of insomnia can improve patient-centered outcomes and reduce re-hospitalization and healthcare utilization,” said Dr. Parthasarathy.



### Assessing the Economic Value of Telemedicine

J. Todd Arnedt, PhD, is an Associate Professor and Director of the

Behavioral Sleep Program at Michigan Medicine, University of Michigan. He is also Co-Director of the Sleep and Circadian Research Laboratory. His AASM Foundation-funded study is focused on determining whether cognitive behavioral therapy delivered via AASM SleepTM is as effective as traditional CBT-I delivered in-person for improving insomnia symptoms, patient satisfaction, and associated costs of treatment.

*“If our study hypotheses are supported, we will have both outcome and cost evidence that telemedicine is a viable delivery option.”*

One hundred adults with chronic insomnia disorder are being recruited from the Michigan Medicine Behavioral Sleep Medicine Clinic and randomized to six weeks of CBT delivered either by AASM SleepTM or in-person. A unique focus of his project is that it compares the costs associated with in-person and telemedicine delivery of CBT-I. The central hypothesis is that telemedicine delivery of CBT-I will yield similar clinical outcomes to in-person delivery but will be more cost-effective. “If our study hypotheses are supported, we will have both outcome and cost evidence that telemedicine is a viable delivery option for extending the reach of CBT-I to underserved populations,” said Dr. Arnedt.

### Collaborating to Improve Insomnia Care

Before starting recruitment, Drs. Arnedt, Gehrman, and Parthasarathy initiated a multi-institutional collaboration and met at the beginning of their projects to share their methods and align their outcome measures. The three investigators envision being able to pool the results of their respective studies in order to address broader questions related to the delivery of CBT-I via telemedicine and provide a more conclusive analysis on the effectiveness of such treatment delivery for patients with insomnia. “We have strived to harmonize our outcome measures and timing of measurements so that together we could have the power to look at certain outcomes that may escape an individual study,” said Dr. Parthasarathy.

These three innovative projects illustrate the benefits from collaborative research projects. By working together to pool data, these investigators are generating new discoveries that are helping to ensure that the practice of sleep medicine can leverage new knowledge to help patients live healthier lives.

# Stepping Stones to Success



*Neomi Shah, MD, received Bridge funding from the AASM*

*Foundation in 2012. She went on to successfully apply for a federal career-development*

*award, which has resulted in 10 different publications and a subsequent, larger, investigator-initiated grant.*

In 2012, Neomi Shah, MD, was awarded a total of \$75,000 as recipient of the AASM Foundation Bridge to Success Award. Her project aimed to explore vascular endothelial growth factor (VEGF) levels and coronary collaterals among patients with acute myocardial infarction screened for sleep apnea. The primary finding of her project was that a dose response relationship between the severity of sleep apnea and levels of VEGF was noted, where increasing sleep apnea severity was associated with increasing VEGF levels.

“Over expression of VEGF has been shown to be critical in the development of coronary collateral circulation post myocardial infarction (MI), and thus, higher levels may influence outcomes in the setting of an acute MI in patients with sleep apnea” Dr. Shah explained.

As an Associate Professor of Medicine at the Icahn School of Medicine at Mount Sinai in New York, Dr. Shah’s research interests are focused on understanding the role of obstructive sleep apnea on cardiovascular disease development and progression. Specifically, her team is working on risk stratifying sleep apnea patients who may be at the highest risk for cardiovascular disease events by leveraging state-of-the-art cardiovascular imaging such as hybrid PET/MRI and delayed enhancement cardiac imaging as examples.

Early into her career, the Bridge to Success Award helped provide funding and salary support for a 1 to 2-year period for Dr. Shah while she was in the process of obtaining larger, federal funding for a career-development award.

“Without the Bridge to Success Award from the AASM Foundation I may have had to increase clinical time substantially which would have

hindered successful research productivity and may have resulted in a career path change for me,” said Dr. Shah.

Dr. Shah’s project was amongst the first to challenge conventional wisdom that sleep apnea only contributes to pro-inflammatory and pro-thrombotic events. In a cohort of acute myocardial infarction patients, she found that patients with sleep apnea had less severe myocardial infarction as measured by circulating biomarkers of myocardial injury.

Her work was recently validated by another group who found similar results. This emphasizes the need to appropriately stratify individuals with sleep apnea into high versus low-to-moderate risk for future cardiovascular events and to investigate the discrepancy between stroke and myocardial infarction risk associated with sleep apnea.

This is especially important as recent clinical trials fail to show a significant reduction in myocardial infarction risk in patients being treated with continuous positive airway pressure (CPAP) but does suggest reduction in stroke risk. Collectively, this highlights a major gap in current knowledge about the mechanistic link between sleep apnea and atherosclerotic cardiovascular disease and CPAP’s anti-atherosclerotic actions. Dr. Shah is currently funded to investigate both these issues.

Dr. Shah and her research team was recently awarded a large investigator-initiated grant to assess sleep apnea and its treatment’s impact on atherosclerosis. This was funded by the National Institutes of Health. Their study will not only elucidate the mechanistic link between sleep apnea and atherosclerosis but will also provide crucial evidence pertaining to risk-stratification for future clinical trials evaluating the role of sleep apnea treatment in the primary and secondary prevention of cardiovascular disease events.

Having been in the shoes of an early career sleep researcher to now an independent investigator, Dr. Shah understands the challenges young investigators in the sleep research field face in finding mentors and securing funding. Dr. Shah

stresses the importance of having both excellent mentors and sponsors when you are an early-career sleep researcher.

Dr. Shah states she was fortunate to have excellent mentors including Dr. Robert Kaplan (Einstein, NY) who was her on-site mentor and got her involved in the Hispanic Community Health Study/Study of Latinos which allowed her to continue to strengthen her publication record. In addition, Dr. Shah had off-site mentorship from Dr. Susan Redline (Harvard), whom the field of sleep medicine knows well. Dr. Redline is a terrific supporter of young investigators and has been Dr. Shah's role model.

She suggests discussing your research goals with your mentors regularly as your research interests may evolve and ensure adequate communication between mentoring team and yourself.

"Persistence is key and therefore do not give up early in your research career," said Dr. Shah.

*“Believe in yourself and pursue your career goals even if others may not see your potential early in your career. Most importantly, be passionate about what you do.”*

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## 2018 – 2019 Volunteers

*The AASM Foundation is grateful for the time and efforts of the following volunteers.*

### Investigator-Initiated Award Review Committee

M. Safwan Badr, MD, MBA  
(Chair)  
Patrick Strollo Jr., MD  
(Vice Chair)  
Constance Fung, MD  
Michael Grandner, PhD  
Kathryn Lee, PhD, RN  
Daniel O'Hearn, MD  
David Rapoport, MD  
Megan Petrov, PhD  
David Plante, MD, PhD  
Rochelle Zak, MD  
Susmita Chowdhuri, MD  
(Ad Hoc)  
Daniel Combs, MD (Ad Hoc)  
Alberto Ramos, MD (Ad Hoc)

### Career Development Award Review Committee

Indu Ayappa, PhD (Chair)  
Ronald Szymusiak, PhD  
(Vice Chair)  
Daniel Combs, MD  
Jonathan Jun, MD  
Louise O'Brien, PhD  
Susheel Patil, MD, PhD  
Alberto Ramos, MD  
Susan Redline, MD  
Ignacio Tapia, MD  
Robert Thomas, MD  
Lynn Marie Trotti, MD  
Andrew Varga, MD, PhD

### High School Video Contest Review Committee

Lourdes DelRosso, MD (Chair)  
Shelley Hershner, MD  
Romy Hoque, MD  
Shahrokh Javaheri, MD  
Tomasz Kuzniar, MD, PhD  
Brian Palen, MD  
Anita Valanju Shelgikar, MD  
Andrew Spector, MD  
Saiprakash B. Venkateshiah, MD  
Scott Williams, MD

### Development Council

Stephen Sheldon, DO (Chair)  
Lourdes Del Rosso, MD  
Cathy Goldstein, MD  
Patrick Strollo Jr., MD  
Terri Weaver, PhD, RN  
David Kristo, MD  
(Board Liaison)

# Annual Campaign for Sleep Health

Thanks to our generous donors, the AASM Foundation was able to commit more than \$2,200,000 in award funding in 2018. Gifts to our annual fundraising campaign help us grow our programs while strengthening our commitment to sleep science and clinical research.

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*“Clinical research and educational research into pediatric sleep health care can significantly improve sleep health care for infants, children, and adolescents.”*

**Stephen Sheldon, DO**

*Professor of Pediatrics & Neurology*

*Northwestern University Feinberg School of Medicine*

*Ann and Robert H. Lurie Children’s Hospital of Chicago*

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*“Glad to put my money where my heart is.”*

**Timothy I. Morgenthaler, MD**

*Professor of Medicine, Mayo Clinic College of Medicine*

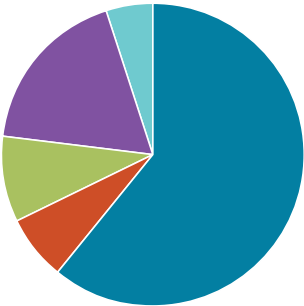
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# 2018 AASM Foundation Award Funding

The following award funding was issued during the 2018 program cycle:

Program	Awards	Funding
Strategic Research Award	6	\$1,348,086
Focused Projects Award – Humanitarian/Educational	3	\$59,561
Focused Projects Award for Junior Investigators	5	\$99,837
Physician Scientist Training Award	2	\$200,000
Bridge to Success Award for Early Career Investigators	2	\$200,000
Bridge to Success Award for Mid-Career/Senior Investigators	2	\$200,000
ABSM Junior Faculty Award	1	\$100,000
<b>TOTALS</b>	<b>21</b>	<b>\$2,207,484</b>



## Statement of Activities Year Ended December 31, 2018

### Operating Revenue

Donations - Members & Public	48,071
AASM	2,000,000
Other Revenue	1,246
<b>Total Operating Revenue</b>	<b>2,049,317</b>

### Expenses

Grant Payments	1,407,561
Disaster Relief Fund	10,000
High School Video Contest	6,487
Administrative Expenses	116,357
<b>Total Expenses</b>	<b>1,540,405</b>

# AASM Foundation Donations

January 1 – December 31, 2018

## Diamond (\$10,000+)

American Academy of Sleep  
Medicine (\$2,000,000)

## Platinum (\$1,000+)

M. Safwan Badr, MD, MBA

Daniel Buysse, MD

Kelly Carden, MD, MBA

Lourdes Del Rosso, MD

Douglas Kirsch, MD

Jennifer Martin, PhD

Timothy Morgenthaler, MD

Eric Olson, MD

Carol Rosen, MD

John Shepard, MD

## Gold (\$500+)

Marietta Bibbs, RPSGT, CCSH

Alejandro Chediak, MD

Ronald Chervin, MD, MS

Nancy Collop, MD

Seema Khosla, MD

David Kristo, MD

Raman Malhotra, MD

Susheel Patil, MD, PhD

Kannan Ramar, MD

Ilene Rosen, MD, MS

James Rowley, MD

Stephen Sheldon, DO

Anita Shelgikar, MD, MHPE

Patrick Strollo Jr., MD

Salim Surani, MD

Robert Thomas, MD

Steve Van Hout

Terri Weaver, PhD, RN

## Silver (\$100+)

Fariha Abbasi-Feinberg, MD

Ami Abraham, DO

Raju Abraham, MD

Sophia Ahmed, MD

Robert Aisenberg, MD

Charles Atwood, MD

Rashmi Aurora, MD, MHS

Jorge Avendano Sr., MD

Anda Baharav, MD

Mark Berry, DO

Eskender Beyene, MD

William Bradway, DO

Mary Carskadon, PhD

Bahman Chavoshan, MD

Wesley Chou, MD

Derek Claussen

Cristina Cruz-Crespo, MD

Fariborz Davoodi, MD

William DeBassio, PhD, MD

William Devor, MD

Naresh Dewan, MD

Gerald Dey, MD

Alice Doe, MD

Joe Donohue

Michael Eisenstadt, MD, PhD

Lawrence Epstein, MD

Belen Esparis, MD

Karen Everitt

Sam Fleishman, MD

Walid Freij, MD

James Frisk, MD

June Fry, MD, PhD

Jacqueline Genova, MD

David Goldstein, MD

Cathy Goldstein, MD

Vanessa Gonzalez, MPH

Pedro Gonzalez, MD

John Gottung

Thomas Heffron

Bruce Henschen, MD

Jeffrey Hodges, DDS

Dennis Hoffman, MD

Thomas Hurwitz, MD

Vicente Ibanez, MD, PhD

Conrad Iber, MD

David Jawahar, MD

Karin Johnson, MD

John Kimoff, MD

Tomasz Kuzniar, MD, PhD

Younghoon Kwon, MD

Colleen Lance, MD

Scott Leibowitz, MD

Michaela Lessler, MD

Christopher Lettieri, MD

Daniel Lewin, PhD

Alben Lui, MD

Meghna Mansukhani, MD

Gregory Mauldin, MD, MBA

William McLain, MD

Sameh Morkous, MD

Anne Morris, MD

Nabil Moufarrej, MD

Douglas Moul, MD

Susan Mucha, MD

Kei Nakamura, MD

Cheta Nand, MD

Patricia Nelson, MD

Sajjan Nemani, MD

Daniel O'Hearn, MD



Stuart Padove, MD	John White, MD	David Davila, MD
Sairam Parthasarathy, MD	Kenneth Wiesert, MD	David Dedrick, MD
Vinod Patel, MD	Merrill Wise, MD	Jose DeSousa, MD
Patricia Patterson, MD	Lisa Wolfe, MD	Thorsten Doering, MD, PhD
David Patz, MD	Warangkhan Wongba, MD	Kimberly Downs
Carolyn Potasky Rolph, RPSGT	James Wyatt, PhD	Andrzej Dybala, MD, PhD
A. C. Peter Powles, MD	Mulai Yohannes, MD	Diane Eisele, RN
Stuart Quan, MD	Subaila Zia, MD	Antoine Elhajjar, MD
Praveen Rastogi, MD	<b>Bronze (Under \$100)</b>	Helene Emsellem, MD
Anstella Robinson, MD	Sabra Abbott, MD, PhD	Oyeyemi Fabuyi, MD
Dominic Roca, MD, PhD	Nabil Al Lawati, MD	John Farmer Jr., MD
David Rye, MD, PhD	Cathy Alessi, MD	Dan Fennell, MD
Tsunehiro Saito, MD, PhD	Nabih Al-Sheikh, MD	Gregory Ferriss, MD
Larry Salberg, MD	Olusegun Apata, MD	William Finley, PhD
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## Platinum

Kelly Carden, MD, MBA

*In Honor of Dr. Jennifer Martin*

Jennifer Martin, PhD

*In Memory of my father Michael W. Martin*

Carol Rosen, MD

*In Memory of Dr. Carole Marcus*

## Gold

Ronald Chervin, MD, MS

*In Memory of Dr. Carole Marcus*

Susheel Patil, MD, PhD

*In Memory of Pandit Patil*

## Silver

Rashmi Aurora, MD, MHS

*In Memory of Suman P. Aurora*

Wesley Chou, MD

*In Honor of John Stakes, MD*

James Frisk, MD

*In Honor of Dr. William Dement*

Tomasz Kuzniar, MD, PhD

*In Memory of Jakub Kuzniar, MD*

Cheta Nand, MD

*In Memory of my parents Ram Asre  
and Budhia Asre*

Vinod Patel, MD

*In Memory of John McCain III, an American  
statesman and military officer who served as  
a United States Senator*

Herbert Scherzer, MD

*In Memory of Dr. Marty Farber*

## Bronze

Cecilia Bravo

*In Memory of Romeo and Soledad Munoz*

Lauren Broch, PhD

*In Memory of Arthur J. Spielman, PhD*

Mohammed Hassan, MD, PhD

*In Memory of my mother Asyia Hindi Massoud*

Valerie Kirk, MD

*In Memory of Dr. Carole Marcus*

Robert Kowatch, MD, PhD

*In Honor of Catesby Ware, PhD*

Liliana Mayor, MD

*In Memory of Dr Bengt Ingve Nilsson*

Andreas Prasadja, MD, RPSGT

*In Memory of Frida Anggraeni*

Ilene Rosen, MD, MS

*In Honor of Graduation of Dr. Jessica Cohen*

Steven Thau, MD

*In Honor of Dr. Ilene Rosen*

Srita Vieira Mestre

*In Honor of Master's Guide*

Marcie Weinstein

*In Honor of Tamara Burton*

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