Our Mission
Promote discoveries that advance the understanding of sleep for healthier lives.

Our Vision for Society
Healthier lives through better sleep.

Our strategic goals for improving clinical sleep research and sleep health

**Goal 1:**
Improve Patient-Centered Sleep Care Through High-Impact Research

**Key Objectives**
- Reduce gaps in knowledge impacting patient care
- Improve clinical practice, reimbursement and clinical practice guidelines
- Increase public knowledge

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

**Key Objectives**
- Expand the pipeline of impactful sleep clinician scientists across the spectrum of sleep research domains
- Increase support for sleep researchers
- Increase the number of sleep research institutions

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

**Key Objectives**
- Increase engagement with an expanded network of stakeholders
- Increase network of financial supporters

2019 – 2020 Board of Directors

**Officers**
- James A. Rowley, MD, President
- Raman Malhotra, MD, Secretary/Treasurer
- Steve Van Hout, Executive Director

**Directors**
- Fariha Abbasi-Feinberg, MD
- R. Nisha Aurora, MD, MHS
- Kelly Carden, MD, MBA
- Douglas Kirsch, MD
- David Kristo, MD
- Jennifer L. Martin, PhD
- Eric Olson, MD
- Kannan Ramar, MD
- Carol L. Rosen, MD
- Anita Shelgikar, MD, MHPE
President's Message

The past year has been one of growth and change for the AASM Foundation. My predecessor, Dr. Jennifer Martin, launched our new strategic plan at the Sleep Medicine Trends meeting in Anaheim in February 2019. I am excited for you to read through this report to see how the AASM Foundation has embraced its new mission and vision by implementing new strategies that are focused on “building a pathway for sleep research and career success.”

We have added programs such as the Young Investigators Research Forum to the AASM Foundation portfolio and created new awards including the Community Sleep Health Award that supports organizations addressing the sleep health needs of their communities or population sleep well-being. We also launched the Clinical Fellowship Rescue Funding Award, which strengthens and maintains the pipeline of sleep medicine specialists. This award provides supporting funds to sleep medicine fellowship programs that are at risk of losing their funding for training slots.

The AASM Foundation has much to be thankful for. We enjoy tremendous support from the American Academy of Sleep Medicine, which provides significant funding and resources that have helped us become the leading foundation solely focused on sleep science and clinical research. We are also thankful for our volunteers, donors and award applicants. The support of the sleep community is what enables this report to be filled with so many compelling stories about exciting research that will help propel our field into the future.

Thank you!

Snapshot of 2019 Achievements

**February:**
- 2019-2023 Strategic Plan introduced at TRENDS

**April:**
- Clinical Fellowship Rescue Funding Award program launched
- Young Investigators Research Forum took place

**June:**
- James A. Rowley, MD, becomes the AASM Foundation’s 12th President

**July:**
- Community Sleep Health Award program launched

**September:**
- First fundraising campaign focused on program expansion

**December:**
- End-of-year fundraising campaign raised more than $32,000 to support career development programs
- AASM Foundation celebrated 21 years
# Goal 1:
**Improve Patient-Centered Sleep Care Through High-Impact Research**

<table>
<thead>
<tr>
<th>Key Performance Indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reduced gaps in knowledge that impact patient care</strong></td>
</tr>
<tr>
<td>- AASM Foundation approved funding four Strategic Research Awards in 2019 totaling more than $800,000.</td>
</tr>
<tr>
<td>- 11 posters and oral presentations were presented at SLEEP 2019 about AASM Foundation-funded projects.</td>
</tr>
<tr>
<td><strong>Changes in standard practice, reimbursement and clinical practice guidelines (CPGs) related to AASM Foundation-funded projects</strong></td>
</tr>
<tr>
<td>- 2019 topics were selected by close review of research gaps identified in AASM clinical practice guidelines: pediatric sleep-disordered breathing (SDB), opioid use and SDB, telemedicine use for patients with SDB, circadian rhythm sleep-wake disorders, rapid eye movement behavior disorder and other parasomnias, value of sleep medicine teams and board-certified sleep medicine physicians, collaborative care models across specialties, hypopnea scoring criteria, workplace interventions and employee sleep health, artificial intelligence and other high-impact sleep research.</td>
</tr>
<tr>
<td><strong>Increased public knowledge</strong></td>
</tr>
<tr>
<td>- The AASM Foundation publicized awardees in our quarterly Focus newsletter, the AASM Foundation website and social media channels (e.g., LinkedIn, Twitter, Facebook, Instagram).</td>
</tr>
</tbody>
</table>
### Goal 2: Develop the Careers of Sleep and Circadian Investigators

**Key Performance Indicators**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Details</th>
</tr>
</thead>
</table>
| Expanded the pipeline of impactful sleep clinician scientists across the spectrum of sleep research domains | - The AASM Foundation provided 27 junior sleep investigators with a scholarship to attend the Young Investigators Research Forum 2019.  
- The Research Fellowship Committee was developed and proposed a year-long research mentorship program that was approved by the AASM Foundation Board of Directors. |
| Increased support for sleep researchers through AASM Foundation programs | - More than $800,000 was invested in sleep researchers for 13 career development awards in 2019.                                                                                                         |
| Increased number of sleep research institutions                            | - A total of 17 sleep research institutions received AASM Foundation funding, with newly funded institutions including St. Joseph’s University, Loyola University Maryland, Greater Los Angeles Veterans Research and Education Foundation and Kaiser Permanente. |

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

**Key Performance Indicators**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Details</th>
</tr>
</thead>
</table>
| Increased engagement with an expanded network of stakeholders             | - We began communicating with organizations such as the American College of Cardiology.  
- We expanded our presence at conferences and meetings to engage clinicians, researchers, and institutions. |
| Increased network of financial supporters                                  | - We significantly increased our individual contributions by $26,000 in 2019.  
- We launched our new corporate supporter program. |
Building a Pathway for Sleep Research and Career Success

Whether you are just starting out, transitioning to a faculty position or an independent researcher looking to secure sleep research funding, the AASM Foundation has a variety of awards and programs to help you every step of the way.

**Career Development Awards and Programs**

- **Clinical Fellowship Rescue Funding**
- **Young Investigators Research Forum**
- **Sleep Research Program for Advancing Careers**
- **Physician Scientist Training Award**
- **Bridge to Success Award for Early Career Investigators**
- **Focused Projects Award for Junior Investigators**
- **ABSM Junior Faculty Award**
- **Bridge to Success Award for Mid-Career or Senior Investigators**

**Investigator-Initiated Awards**

- **Strategic Research Award Category I**
- **Strategic Research Award Category II**

**Community Awards**

- **Community Sleep Health Award**
- **Sleep Champion Award**
- **Disaster Relief Fund**
2019 Award Recipients

COMMUNITY AWARD PROGRAMS

Community Sleep Health Award

Jodi Mindell, PhD, and Ariel Williamson, PhD
Saint Joseph’s University, Children’s Hospital of Philadelphia and One House at a Time
Impact of Bed Provision and Enhanced Sleep Health Education on Sleep in Socio-economically Disadvantaged Children

Amy Wolfson, PhD, and Marianna Carlucci, PhD
Loyola University Maryland, Rush University and State of Maryland Department of Juvenile Services
Juveniles’ Perceptions of Sleep Quality and Environment During Detention

Disaster Relief Fund

The AASM Foundation Disaster Relief Fund was established in 2005 through the generous donations of AASM members, industry and the AASM. To date, a total of $30,000 has been distributed to aid 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 January 2019, the AASM Foundation invited previous disaster relief fund recipients to apply for additional relief funds. Two centers were given additional funds in order to continue supporting their efforts to address issues that have been impacting the centers’ ability to provide sleep care.

Thanks to the help from the AASM Foundation and the Disaster Relief Fund we were able to restore our sleep lab’s nightly studies one month after the storm. At the time, it seemed like an impossible goal, but thanks to everyone’s help we were able to continue providing the much-needed sleep health services to our community.

EENA Medical would like to sincerely thank the AASM Foundation again for its generosity in assisting struggling small practices like ours. The award enabled this practice to stay afloat by relocating and setting up at another facility, which has helped reduce overhead cost and will facilitate a greater network and referral base to help regain its momentum. Thank you for the support!

American Sleep Centers, Inc.
Carolina, Puerto Rico

EENA Comprehensive Neurology and Sleep Ctr., Inc.
Boynton Beach, Florida
ABSM Junior Faculty Award

David Kent, MD
Vanderbilt University Medical Center
Ansa Cervicalis Neurostimulation in Obstructive Sleep Apnea

Bridge to Success Award

Carrie Mahoney, PhD
Beth Israel Deaconess Medical Center
The Role of Oxytocin in the Lateral Hypothalamus

Stephanie Griggs, PhD, RN
Case Western Reserve University
Sleep, Self-Management and Glycemia in Emerging Adults with Type 1 Diabetes

Alfonso Alfini, PhD
Johns Hopkins Bloomberg School of Public Health
Sleep, Circadian Rhythms, and Integrated Multimodal MRI in Older Persons

Leslie Swanson, PhD
University of Michigan, Ann Arbor
Circadian Mechanisms of a Wearable Morning Light Treatment for Postpartum Depression

Focused Projects Award for Junior Investigators

Ashley Curtis, PhD
University of Missouri
Effects of Computerized Cognitive Brain Training on Sleep, Arousal and Daytime Functioning in Older Adults with Insomnia

Korey Kam, PhD
The Icahn School of Medicine at Mount Sinai
Role of Sleep Apnea in Risk for Preclinical Alzheimer’s Disease

Monica Kelly, PhD
Greater Los Angeles Veterans Research and Education Foundation
Clinical Implementation of a Program to Improve PAP Treatment of Sleep-Disordered Breathing Among Veterans

M. Melanie Lyons, PhD, MSN
The Ohio State University College of Medicine
Medical Residents and Advanced Practice Providers Perceptions in Managing Perioperative Obstructive Sleep Apnea: A Multi-Institutional Survey

Anna Mullins, PhD
The Icahn School of Medicine at Mount Sinai
Measurement of Sleep: Delineating the Effect of Partners at Home (MOSDEPH)

Riddhi Shah, PhD
Columbia University, New York
Insufficient Sleep in Women and Endothelial Cell Oxidative Stress
**Physician Scientist Training Award**

David Kim, MD  
**Johns Hopkins University**  
The Effect of Beta-Adrenergic Blockade on the Cardiometabolic Consequences of Obstructive Sleep Apnea

“As a new physician scientist, I quickly learned that promising ideas need strong backing to gain traction. The AASM Foundation Physician Scientist Training Award has been pivotal to launching my career in academic sleep medicine by providing me with the resources to further develop my research and take me closer to my goal of becoming an independent researcher.” - David Kim, MD

Vaishnavi Kundel, MD  
**The Icahn School of Medicine at Mount Sinai**  
Investigating Sleep Duration and Vascular Inflammation in Patients with Sleep Apnea Using Multi-Modality Imaging: Hybrid Positron Emission Tomography/Magnetic Resonance Imaging

**Strategic Research Award**

Michelle Zeidler, MD, MS  
**University of California, David Geffen School of Medicine**  
Utilizing Artificial Intelligence to Optimize Diagnosis of Obstructive Sleep Apnea

Dennis Hwang, MD  
**Kaiser Permanente**  
Using Machine Learning to Predict PAP Adherence After Therapy Initiation

Michael Westover, MD, PhD  
**Massachusetts General Hospital**  
Redefining Sleep: Data Driven Biomarkers of Sleep Quality

Kirsi-Marja Zitting, PhD  
**Brigham and Women’s Hospital**  
Deep Neural Network Model for Automatic Detection of Sleep-Disordered Events from Out-of-Center Level 3 Sleep Tests

“I am at a critical junction in my career as a physician scientist and the AASM Foundation has been there to guide me through that process.”

Eric Landsness, MD, PhD  
**Washington University School of Medicine - St. Louis**
TRAINING AWARD PROGRAMS

Young Investigators Research Forum

This research retreat provides guidance, tactics and strategies to better position young investigators for a successful career in clinical sleep research. Goals include to:

- Foster the pursuit of clinical research in sleep medicine by junior faculty and fellows training in sleep medicine
- Disseminate vital information required for pursuing a career in research
- Serve as a primer for obtaining grant funding
- Provide an opportunity to network and establish extramural research mentorship

This year, the Young Investigators Research Forum provided more than 30 trainees the unique opportunity for collegial interaction with other young investigators and established senior investigators across the broad spectrum of clinical sleep research, as well as with National Institutes of Health scientific and program officers.

Ritwick Agrawal, MD, MS
Baylor College of Medicine
Dr. Michael E. DeBakey VA Medical Center

Mansoureh Barzegar, MS
Louisiana State University Health Sciences Center

Jennifer Blankenship, PhD
University of Colorado Anschutz Medical Campus

Omonigho Bubu, MD, MPH, PhD
NYU Langone Health

Gwendolyn Carlson, PhD
VA Greater Los Angeles Healthcare System

Amit Chopra, MD
Allegheny Health Network

Ashley Curtis, PhD
University of Missouri

Sammy Dhaliwal, MSc, MS*
George Washington University

Denise Dewald, MD
Case Western Reserve University School of Medicine

Brynn Dreldla, MD
Mayo Clinic

Justina Gamache, MD
University of Washington

Stephanie Griggs, PhD, RN*
Yale University School of Nursing

Jessica Hamilton, PhD
University of Pittsburgh

Mojdeh Heavner, PharmD
University of Maryland School of Pharmacy

Steve Hofinger, MD, MS
The Ohio State University

Erica Jansen, PhD
University of Michigan

Sonya Kaur, PhD
University of Miami Miller School of Medicine

Monica Kelly, PhD
Greater Los Angeles VA Healthcare System

David Kim, MD
Johns Hopkins University

Daniel Lee, PhD*
California Institute of Technology

Xiaoyu Li, ScD
Harvard Medical School

Junjie Liu, MD, PhD
Yale University School of Medicine

Ivy Mason, PhD*
Harvard Medical School

Anna Mullins, PhD
Icahn School of Medicine at Mount Sinai

Jennifer Newitt, MD
University of Pittsburgh School of Medicine

Ankit Parekh, PhD
The Icahn School of Medicine at Mount Sinai

Rachel Rowe, PhD
University of Arizona

Robert Stretch, MD
David Geffen School of Medicine at UCLA

Nancy Stewart, DO
University of Nebraska Medical Center

Samuel Taylor, Jr., MD, MS
Virginia Commonwealth University

Jason Yu, MD
University of Pennsylvania

Ivan Wu, PhD
University of Texas MD Anderson Cancer Center

*Participation sponsored by the SRS Foundation
Social Media Highlights

Mojdeh Heavner
@HeavnerPharmD 11 Apr 2019

“This has been such a tremendously beneficial experience. So grateful for the opportunity to meet and learn from the faculty and attendees in this group.
@AASMorg @aasmfoundation #YIRF”

Ritwick Agrawal MD
@md_ritwick 14 April 2019

“Reflecting last week at the #YIRF2019 it was one of the best three days I have spent to help hone research skills and met with remarkable leaders in the field of #sleepresearch @aasmfoundation”

UA-Women in Academic Medicine
@UAWomenAcadMed 8 May 2019

“Congratulations to our WAM Steering Committee Member, Dr. Salma Patel, on receiving 1 of 3 @aasmfoundation 2018 Career Development Awards! @UAmedtucson @UAmedicineEdu @UAHealthnet #sleepmedicine #UAWomenInMedicine”

Eric Landsness
@EricLandsness 2 August 2019

“@aasmfoundation is a great funding source for #sleep focused research and is committed to developing the careers of young sleep scientists! @SleepResearch_ @SRBR_Outreach @ResearchSleep”

Brienne Miner
@SleepinBeautyMD 26 September 2019

“New publication in @AGSJournals! Thanks to @aasmfoundation for supporting me. Nearly a quarter of adults over 80 have hypersomnia... Implications for public health? #sleep #aging”

Dr. Jodi Mindell
@jodimindell 26 December 2019

“@ChildrensPhila sleep researcher Dr. Ignacio Tapia doing great work on #OSA and health #disparities with the support of @AASMorg @aasmfoundation”
“I am very grateful to the AASM Foundation for providing me a vehicle to study a new delivery system for an evidence-based treatment that I have delivered to many patients.”

J. Todd Arnedt, PhD
University of Michigan

“The information we learn from clinical research allows us to give patients the most updated information and diagnosis and management of sleep-wake disorders, with the goal of maximizing their quality of life.”

Anita Shelgikar, MD, MHPE
University of Michigan

Get ready to build a successful career in sleep research!
The AASM Foundation and Azizi Seixas, PhD, hosted the AASM Foundation’s first Facebook Live event to promote the Young Investigators Research Forum and encourage early-career investigators to apply and receive a travel scholarship.
Career Development Awards in Action

In 2019, the AASM Foundation sent its first award outcomes survey to award recipients from 2015–2017 to determine the impact of these awards on career development.

- More than half of AASM Foundation projects (58%) resulted in a new grant from the National Institutes of Health (NIH) or other funding agencies, such as the Cystic Fibrosis Foundation, Merck, Alzheimer’s Association, and intramural grants from the award recipient’s institution.

- Of the 21 AASM Foundation awards issued between 2015-2017, totaling $1,643,636, 12 new grants were secured resulting in more than $4.5 million in additional funding.

Making Strides in Pediatric Sleep Research

Ignacio E. Tapia, MD, MTR, is an attending physician and director of the pediatric pulmonary medicine fellowship program at the Children’s Hospital of Philadelphia, and associate professor of pediatrics at the University of Pennsylvania’s Perelman School of Medicine. Tapia is a past recipient of the AASM Foundation American Board of Sleep Medicine (ABSM) Junior Faculty Award.

His interdisciplinary research interests started with the pathophysiology of obstructive sleep apnea syndrome (OSAS) and its consequences, evolved to evaluating clinical outcomes of different therapies that result in a new or modified treatment for OSA, and led to his current interest in population health disparities for determining racial clinical outcome differences. “Addressing these sleep research gaps are extremely important as the pathophysiology will help us understand why things happen; clinical trials help determine the best treatments available and investigating health disparities will help us address equitable treatments,” said Tapia.

Preventing cognitive and behavioral complications due to untreated OSAS in children is important for achieving optimal health. Tapia’s 2013 ABSM Junior Faculty Award project, “Mechanisms of Behavioral and Cognitive Dysfunction in Children with Obstructive Sleep Apnea Syndrome,” helped elucidate the relationship between cerebral blood flow regulation due to hypercapnia during wakefulness in children with OSAS.

The primary finding of this project was that children with OSAS had blunted cerebral blood response to hypercapnia compared to healthy children without OSAS, which suggests that mild sleep-disordered breathing is associated with deficits in cerebrovascular response. “A surprising result was that children who snored, but otherwise had a normal obstructive apnea hypopnea index, also had decreased cerebral blood flow response due to hypercapnia, compared to healthy children,” explained Tapia. “This highlights the fact that snoring may not be as innocuous as originally thought.”

Tapia was able to use the preliminary data generated from his 2013 award to secure a National Institutes of Health (NIH) K01 career development grant for the project, “Cerebral Blood Flow and Neurocognition in Children with Obstructive Sleep Apnea.”

continued on next page
“The AASM Foundation ABSM Junior Faculty Award was instrumental in securing NIH funding, because it allowed me to complete a pilot version of my K01 grant,” said Tapia. “It greatly helped to prove feasibility and show reviewers of my K01 grant application that the team was able to perform this kind of research and that the topic was worth investigating.”

As a supporter of early-career sleep researchers, Tapia’s advice is to believe in yourself, not to take no for an answer and find a great mentor.

“When I emigrated to the United States from Chile to further my education, I already knew I wanted to be involved in research but did not know exactly in what capacity due to lack of exposure. I was not a U.S. citizen at the time and therefore, my funding opportunities were limited,” said Tapia.

“In addition, I had never written a grant of any kind, let alone in English. However, I decided with the amazing support of my mentor, the late and missed Dr. Carole Marcus, to continue working steadily to receive external funding. Carole became my private tutor in English and grant writing, and more importantly, a cheerleader,” said Tapia.

Next, Tapia plans to develop more clinical trials in children with sleep-disordered breathing with and without developmental disabilities and to investigate the socio-ecological causes of health disparities in pediatric sleep.

A Quest to Address the Sleep Health of Veterans

Mary Beth Miller, PhD, is a recipient of the 2018 Bridge to Success Award, which led to securing a National Institutes of Health career development award.

Heavy drinking and poor sleep health are commonly reported in returning veterans, and Mary Beth Miller, PhD, is an early-career sleep investigator spearheading a project investigating the efficacy of cognitive behavioral therapy for improving insomnia symptoms and alcohol outcomes among the veteran population.

Miller is a clinical psychologist, assistant professor of psychiatry at the University of Missouri and a recipient of the 2018 Bridge to Success Award for Early Career Investigators.

Since previous research suggests that symptoms of insomnia increase risk for alcohol-related harm, the goal of Miller’s 2018 Bridge to Success Award for Early Career Investigators project, “Treating Insomnia among Heavy-Drinking Veterans,” is to determine if improvement in insomnia serves as a mechanism for improvement in alcohol-related problems. In this project, Miller is conducting a randomized controlled trial of 44 heavy drinking veterans with insomnia who will be assigned to receive either Cognitive Behavioral Therapy for Insomnia (CBT-I) or a single-session on sleep hygiene.

“The findings of this study will inform clinical practice by documenting the impact of CBT-I on alcohol outcomes in an understudied population who experience high rates of comorbid substance use and sleep disturbance,” explained Miller. “It will also determine if insomnia treatment may be used to engage and treat individuals at risk for alcohol use disorder who may not otherwise seek or receive appropriate care.”

Thanks to her AASM Foundation award, Miller was able to successfully resubmit a National Institutes of Health grant application and secure funding through a K23 career development grant.

“The AASM Foundation launched my sleep research career by providing me with funding to begin developing independence as a clinical sleep and addictions researcher,” said Miller. “In addition to the training I have now received in subjective, behavioral and physiological sleep assessment, AASM Foundation funding further allowed me to gain experience recruiting clinical samples and coordinating the logistics of a multi-session randomized controlled trial.”
2019 Award Funding and Summary of Finances

The following award funding was approved for the 2019 program cycle:

<table>
<thead>
<tr>
<th>Program</th>
<th># of Awards</th>
<th>Funding ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Research Awards - Career Development</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABSM Junior Faculty Award</td>
<td>1</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>Bridge to Success Award for Early Career Investigators</td>
<td>3</td>
<td>$297,353.00</td>
</tr>
<tr>
<td>Bridge to Success Award for Mid-Career/Senior Investigators</td>
<td>1</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>Physician Scientist Training Award</td>
<td>2</td>
<td>$200,000.00</td>
</tr>
<tr>
<td>Focused Projects Award for Junior Investigators</td>
<td>6</td>
<td>$119,967.99</td>
</tr>
<tr>
<td><strong>Research Awards - Investigator-Initiated</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strategic Research Awards</td>
<td>4</td>
<td>$849,660.00</td>
</tr>
<tr>
<td><strong>Community Awards</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Community Sleep Health Award</td>
<td>2</td>
<td>$38,278.80</td>
</tr>
<tr>
<td>Disaster Relief Fund</td>
<td>2</td>
<td>$10,000.00</td>
</tr>
<tr>
<td><strong>Training Awards</strong></td>
<td></td>
<td></td>
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<tr>
<td>Young Investigators Research Forum</td>
<td>27</td>
<td>$76,427.69</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>48</td>
<td>$1,791,687.48</td>
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The following is a summary of the AASM Foundation’s finances for 12 months ending December 31, 2019. The AASM Foundation appreciates that the AASM covered the costs of administrative services in 2019, totaling $289,000.

*The new award commitments made in 2019 only account for funding approved during the 2019 calendar year, whereas the total funding approved for the 2019 program cycle includes all funds approved for awards announced in 2019 with some approvals occurring in early 2020.

**Funding disbursements for awards often occur on a multi-year basis and are recorded as a liability until paid out. Outstanding award payments make up the bulk of the liabilities at $2,239,030.84.

### Operating Revenue
- Donations – Members: $73,829.93
- Donations – Corporate Supporters: $150,000.00
- Donations - AASM: $2,081,000.00
- **Total Operating Revenue**: $2,304,829.93

### Total Non-Operating Revenue: $1,537,140.36

### Expenses
- Awards – New Commitments*: $1,474,517.97
- Operational Expenses: $105,793.75
- **Total Expenses**: $1,580,311.72

### Assets
- Cash, cash equivalents, accounts receivable, investments: $3,598,259.61
- AASM Endowment (Restricted): $5,867,318.51
- ABSM Endowment (Restricted): $3,094,642.24
- **Total Assets**: $12,560,220.36

### Total Liabilities
- Outstanding award payments** and accounts payable: $2,289,849.76

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Thank You to Our Corporate Supporters

In the fall of 2019, the AASM Foundation launched a new corporate campaign targeting companies that are interested in expanding their philanthropic support of clinical sleep research and our programs. We would like to thank the following companies for their generous contributions.

$100,000 and up

Jazz Pharmaceuticals

$50,000 - $74,999

Eisai

itamar medical

Thank You to Our Individual Supporters for Contributing to Our Mission

“Clinical research is the catalyst that boosted my career in sleep medicine as well as many other sleep clinicians and sleep technologists.”

Marietta B. Bibbs, RPSGT, CSHH
BayCare Health System

2019 Contributions

DIAMOND ($10,000+)
American Academy of Sleep Medicine ($2,081,000)

PLATINUM ($1,000+)
Rashmi Aurora, MD, MHS
M. Safwan Badr, MD
Daniel Buysse, MD
Kelly Carden, MD, MBA
Alejandro Chediak, MD
George Fahed, MD
Madeleine Grigg-Damberger, MD
Douglas Kirsch, MD
David Kristo, MD
Raman Malhotra, MD
Jennifer Martin, PhD
Timothy Morgenthaler, MD
Eric Olson, MD
Kannan Ramar, MD
Carol Rosen, MD

GOLD ($500+)
Fariha Abbasi-Feinberg, MD
Marietta Bibbs, RPSGT, CSHH
Ronald Chervin, MD, MS
Nancy Collop, MD
Lourdes DelRosso, MD
Susheel Patil, MD, PhD
Iliene Rosen, MD
Stephen Sheldon, DO
Anita Shelgikar, MD, MHPE
Ronald Szymusiak, PhD

“Clinical research will support individual and personal goals in various career paths. I believe this support and encouragement was key in moving my career forward.”

Lourdes DelRosso, MD
Seattle Children’s Hospital

“The AASM Foundation will support individual and personal goals in various career paths. I believe this support and encouragement was key in moving my career forward.”

Lourdes DelRosso, MD
Seattle Children’s Hospital
Donation Honors and Tributes

PLATINUM
Kelly Carden, MD, MBA
In Honor of Dr. Lawrence Epstein

Douglas Kirsch, MD
In Honor of the 2018-19 AASM BOD

James Rowley, MD
In Memory of Louis E. Rowley

Alejandro Chediak, MD
In Memory of Ricardito Tejera

GOLD
Anonymous
In Honor of Patrick Strollo, Jr., MD
In Memory of Christian Guilleminault, MD

Ronald Chervin, MD, MS
In Memory of Christian Guilleminault, MD

Ilene Rosen, MD, MS
In Honor of Jennifer Martin, PhD

SILVER
Gang Bao, MD
In Honor of Christian Guilleminault, MD

Damian Blum, DMD
In Honor of William Blum

Angela Dansby, RPSGT, RST
In Memory of Fred D. Hunker, MD

Indira Gurubhagavatula, MD
In Memory of Dr. Carole Marcus

Vinod Patel, MD
In Honor of Sati Rawat, MD

Cynthia Reddeck, MD
In Honor of LiDestri Nightshift employees

Arthur Walters, MD
In Honor of Christian Guilleminault, MD

Emerson Wickwire, PhD
In Honor of Nancy Collop, MD

BRONZE
AASM Graphics Department
In Honor of Danielle Baich, Laura Nesbitt, Oscar Salgado

Robin Harris
In Honor of Suzanne Miranda

Keith Murree-Allen, MBBS
In Memory of Thomas L. Petty

Srita Vieira Mestre
In Honor of Master’s Guide

Dawn Williams
In Memory of Kennard Bennett

“I believe the AASM Foundation has a key role in improving public health because it is serving as a bridge between the research and the clinical side to the populations.”

Diego Mazzotti, PhD
University of Pennsylvania
Thank You to Volunteers and Staff

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

Career Development Award Review Committee
Indu Ayappa, PhD (Chair)
Ronald Szymusiak, PhD (Vice Chair)
Suzanne Bertisch, MD, MPH
Susmita Chowdhuri, MD
Daniel Combs, MD
Martica Hall, PhD
Jonathan Jun, MD
Miranda Lim, MD, PhD
Nirinjini Naidoo, PhD
David Plante, MD, PhD
Alberto Ramos, MD, MSPH
Ignacio Tapia, MD
Andrew Varga, MD, PhD

Clinical Fellowship Rescue Funding Award Review Committee
Ilene Rosen, MD, MS (Chair)
Susan Dunning, MD
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