



# 2022

## ANNUAL REPORT

Supporting Sleep and Circadian Researchers

### MISSION:

The Sleep Research Society Foundation is committed to the growth and development of the field of sleep research through education and research funding opportunities.



# \$2.5 MILLION

*Supporting Sleep and Circadian Research*

The Sleep Research Society Foundation (SRSF) provides support for growth and development in the field of sleep and circadian research. The SRSF was established in 2005 by the Sleep Research Society board of directors to provide support for investigators to conduct studies that would form the basis of more comprehensive applications to federal agencies, private foundations, and industry partners.

Since its inception, the SRSF has awarded more than \$2.5 million in support for research by 62 early career scientific investigators specifically for the SRSF Career Development Award, plus additional funding to recipients of various other grants and scholarships. The SRSF has helped investigators obtain NIH and other government funding through research supported by SRSF awards.





## A MESSAGE FROM THE PRESIDENT, **SAIRAM PARTHASARATHY, MD**

The Sleep Research Society Foundation (SRSF) is pleased to share good news and updates of the Foundation's activities in 2022.

The Foundation announced the tenth solicitation for the SRSF Career Development Award, receiving 24 high quality applications. This SRSF award is an important stepping-stone to the future success for many of the recipients. We are extremely grateful to the Scientific Review Committee, chaired by Mark R. Zielinski, PhD, for undertaking the review of these proposals. The review process aligned with the NIH grant review model, scoring each of the submissions for scientific merit, mentoring, environment, and research plan. The Sleep Research Society Foundation Board of Directors gratefully accepted the Committee's Report and selected 4 of these proposals to fund. All awards were on the broad topic of sleep and circadian research. The proposals selected represented a broad range of topics and approaches including:

- "Effects of Inorganic Nitrate Supplementation on Sleep Quality" by Joshua Bock, PhD
- "A Clinician Training Program to Integrate Digital Cognitive Behavior Therapy for Insomnia into Routine Psychotherapy" by Niki Gumpert, PhD
- "Airway Epithelial Circadian Rhythms in Pediatric OSA" by Weston Powell, MD, PhD
- "Developing Epigenetic Markers for Irregular Sleep Timing" by Danielle Wallace, MPH, PhD

These projects help to increase the knowledge of sleep and circadian science and change the way we think about the impact of sleep within public health. Funding for these awards would not be possible without committed pledges of support from SRS members and corporate partners through the Funding Our Future Scientists Campaign.

We are thrilled to report that since the inception of the Funding the Future Scientist's Campaign in 2017, and as the Campaign concluded in 2022, we secured \$267,249 from 93 committed SRS members and \$1,328,000 from 13 committed corporate partners, totaling \$1.5 million! Their generosity made it possible to fund 22 SRSF Career Development Award recipients between 2017 and 2022. This international fundraising initiative provided funding for the SRSF Career Development Award,

which helps early-career sleep and circadian investigators with resources to further their research and launch their careers to make significant advances in sleep and circadian science. SRS members and industry have demonstrated their unprecedented support of the SRSF. The success of the Campaign's effort would not have been possible without the leadership of Allan I. Pack MBChB, PhD, dedicated members of the National Steering Committee, and the generous support of our corporate partners and Sleep Research Society members. Although the Campaign has ended, we still need your help to continue funding the innovative research of our early-career members.

The 2022 Annual Appeal raised funds for important programs beyond the flagship SRSF Career Development Award. These programs include the SRSF Mentor-Mentee Award, the SRSF Small Research Grant, and travel awards and scholarships to specialized meetings, including the 2022 SLEEP Meeting Undergraduate Award, and the SRS Foundation's scholarship to attend the 2022 Young Investigator's Research Forum. We are happy to share that the 2022 Annual Appeal raised over \$40,000 from SRS members. Thank you for supporting these early-career investigators!

We are grateful to our corporate partners for their strong support of the SRS Foundation efforts. Over the past year alone, we have secured \$825,000 from our corporate partners that supports sleep and circadian science research by our grant awardees.

I would also like to take this opportunity to congratulate Dr. Philip Gehrman who will take over these efforts in June 2023 as the incoming President of the Sleep Research Society Foundation. It has truly been a pleasure to serve the Sleep Research Society membership. I hope that the initiatives the Sleep Research Society Foundation has implemented over the past two years will be the cornerstone for future programs that continue to advance sleep and circadian science.

The importance of these career development awards and programs for the advancement of scientific careers cannot be overstated and cannot be achieved without your support. If you have not donated to the SRS Foundation, I personally urge you to support the important work of the SRS and its Foundation. Now, enjoy the success stories told in the 2022 annual report.



**\$10,000+**

Sairam Parthasarathy, MD, FAASM

**\$5,000+**

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It is our goal to ensure accuracy in donor reporting. Names are listed as they were provided during the donation process. Please contact [foundation@srsnet.org](mailto:foundation@srsnet.org) with any updates.

## FUNDED AWARD SCHOLARSHIPS



Annual  
**APPEAL**  
2022

The SRSF is pleased to support these early-career investigators so they can continue to learn and grow as sleep and circadian researchers. Thank you to the many 2022 Annual Appeal donors who made this possible!



**Small Research  
GRANT**

This grant is designed to support the research of trainees and early career investigators who otherwise do not have the institutional resources to support new studies and/or do not have a sustained record of external funding. This grant provides seed funding to support research to ultimately allow individuals to successfully apply for or complete career development grants (e.g. K-awards). Annual Award: **Up to \$5,000 per award**

**Anuja Bandyopadhyay, MD** – Indiana University School of Medicine

**Jamila Battle, MD** – University of North Carolina at Chapel Hill

**Amy Costa** – University of Missouri

**Joshua Gonzalez, PhD** – Oregon Health & Science University

**Ian Greenlund, PhD** – Mayo Clinic

**Kathryn Harper, PhD** – University of North Carolina at Chapel Hill

**Courtney Kurinec, PhD** – Washington State University

**Gonzalo Labarca, MD** – Brigham and Women's Hospital,  
Harvard Medical School

**Madison Musich** – University of Missouri-Columbia

**Frank Raven, PhD** – University of Michigan

**Matthew Reid, PhD** – Johns Hopkins School of Medicine

**Harry Smith, PhD** – University of Bath

**Melanie Stearns, PhD** – University of South Florida

**Lena Xiao, MD** – The Hospital for Sick Children, Toronto



AASMF Young Investigator's  
Research Forum

## 2022 SCHOLARSHIP

The SRSF partners with the AASM Foundation to provide scholarships to attend the annual Young Investigator's Research Forum that is aimed at providing guidance, tactics, and strategies to better position young investigators for a successful career in sleep and circadian research.

**Joon Chung, PhD** – Brigham and Women's Hospital,  
Harvard Medical School

**Danielle Clarkson-Townsend, MPH, PhD** – Brigham and  
Women's Hospital, Harvard Medical School

**Jessica R. Dietch, PhD** – School of Psychological Science,  
Oregon State University

**Amrita Pal, PhD** – University of California Los Angeles

**Eunjin Tracy, PhD** – University of Pittsburgh



SLEEP Meeting

## 2022 SCHOLARSHIP

These scholarships fund undergraduates to attend SLEEP.

**Amy Janis** - Purdue University

**Matt Gratton** - University of Kansas Medical Center

**Akshay Krishan** - Penn State University

In 2017, the Sleep Research Society Foundation embarked on the Funding Our Future Scientists Campaign, an international fundraising initiative to raise support to fund early-career investigator awards, specifically the SRS Foundation's Career Development Award. This award is critical to launching the career of sleep and circadian researchers allowing them to make significant advances needed to understand and treat sleep disorders.

**With nearly \$1.5 million promised in individual pledges and corporate support to be fulfilled over 5 years, SRS members and industry have demonstrated their unprecedented support of the Sleep Research Society Foundation and its mission.**

### The 5-Year Campaign Sunsets (2017-2022)

**\$267,249**

from 93 members

**\$1,328,000**

from 13 corporate partners

**22**

award recipients

**Thank You to the Supporters of the Funding Our Future Scientists Campaign!**

Without support from our SRS members and corporate partners, none of this would be possible.

# DONORS



*Funding Our  
Future Scientists*  
CAMPAIGN

The Sleep Research Society Foundation thanks the supporters of the Funding Our Future Scientists fundraising initiative. Without support from our members, none of this would be possible. Thank you all for everything you do.

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\$100,000+



Diamond Circle  
\$50,000+



Emerald Circle  
\$20,000+



Ruby Circle  
\$10,000+



Jade Circle  
\$5,000+



*Funding Our  
Future Scientists*  
CAMPAIGN

Chairman's Circle  
\$100,000+ Annually



Diamond Circle  
\$50,000+ Annually



Emerald Circle  
\$20,000+ Annually



Ruby Circle  
\$10,000+ Annually



Sapphire Circle  
\$5,000+ Annually



Jade Circle  
\$2,500+ Annually





## CAMPAIGN LEADERSHIP



*Funding Our  
Future Scientists*  
CAMPAIGN

The Sleep Research Society Foundation is grateful for the dedication of all of our Campaign volunteers. These individuals are responsible for leading this effort and their contributions should be applauded.



Allan I. Pack  
MBChB, PhD



David Dinges, PhD



Sean Drummond, PhD



Patrick Fuller, PhD



Andrew Krystal, MD



Emmanuel Mignot,  
MD, PhD



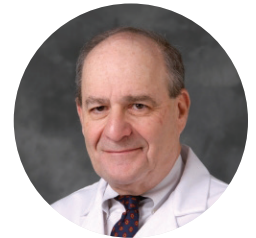
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Terri E. Weaver, PhD, RN



David P. White, MD

## 2022 CAREER DEVELOPMENT AWARDEES

The SRS Foundation recognizes the challenges of transitioning from post-doctoral training to independent research funding. The goal of these mentored awards is to invest in promising early career researchers and assist with their transition into independence as junior investigators. Annual Award: up to \$50,000 per award

**Tamara Boto, PhD**

TRINITY COLLEGE DUBLIN

*Identification of dopaminergic circuits that modulate circadian sleep and neural plasticity.***Tony J. Cunningham, PhD**

HARVARD MEDICAL SCHOOL

*Utilizing Transcranial Direct Current Stimulation (tDCS) during Sleep to Enhance Slow Waves and Cognitive Function in Schizophrenia.***James Dooley, PhD**

THE UNIVERSITY OF IOWA

*Theta rhythms during REM sleep promote the developmental integration of primary motor cortex into the sensorimotor network.***Lauren M. Hablitz, PhD**

UNIVERSITY OF ROCHESTER MEDICAL CENTER

*Beyond the SCN: a role for VIP and AVP regulation of lymphatic function.*

We are confident that these early career stage investigators will increase our knowledge of sleep and circadian science and change the way we think about the impact of sleep in public health.

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# INTERESTED IN SUPPORTING THE NEXT GENERATION OF SLEEP AND CIRCADIAN RESEARCHERS?

## *Looking Back...*

- Would it have been beneficial to attend more scientific conferences as a trainee?
- Did you have a mentor that helped you navigate your path early in your career?
- Was applying for your first grant an overwhelming experience?
- Do you think an additional \$50,000 in research funding would have helped jump-start your career?

The SRS Foundation provides funding for travel grants, mentor programs, grant writing workshops, investigator research awards, and other programs that benefit early-career investigators.

## **MAKE YOUR GIFT TODAY!**

*Your contribution of \$50, \$100, \$250, \$500, or \$1,000 will help underwrite these programs to recruit the best and brightest to the sleep and circadian sciences.*



Make your donation today at

[sleepresearchsociety.org/foundation](https://sleepresearchsociety.org/foundation)

or by scanning the QR code.



*All contributions are tax-deductible and will be recognized through SRSF's comprehensive recognition program!*