

# American Otological Society Research Fund

<http://www.americanotologicalsociety.org/>

Research supported by all of the grant mechanisms can relate to any aspects of the ear, hearing and balance disorders



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The AOSRF offers four types of grants:

1. RESEARCH GRANT
2. FELLOWSHIP GRANT
3. CLINICAL INVESTIGATIONS GRANT
4. CLINICIAN-SCIENTIST AWARD



# 1. RESEARCH GRANT

- Faculty, MD and/or PhD
- Any topic related to ear disorders
- 3 page research strategy
- \$55,000 per year
  - \$50K direct costs
  - \$5K indirect costs
- Non-renewable



## 2. FELLOWSHIP GRANT

- Clinical fellows, residents, medical students, postdoctoral fellows, and graduate students
- Any topic related to ear disorders.
- 3 page research strategy + 3 page mentor statement + 1 page long-term goals
- \$44,000 per year
  - \$35K stipend
  - \$5K supplies
  - \$4K indirect costs
- Non-renewable



# 3. CLINICAL INVESTIGATIONS GRANT

- Anybody can apply
- Goal is to accrue preliminary data to support an R21 or R01 clinical trial grant application
- Complete NIH R21 style grant application
  - 6 pages research strategy
- We hope you will also submit it to the NIH
- \$66,000 per year
  - \$60K direct costs
  - \$6K indirect costs
- Non-renewable



# 4. CLINICIAN-SCIENTIST AWARD

- **Must have completed an ACGME-approved residency program in OTO-HNS who are aiming to develop a career as a clinician-scientist**
- **Goal is to accrue preliminary data to support a K08/K23 grant application to the NIH**
- **Complete NIH K08/K23 style grant application**
- **Up to \$240K over 3 years (\$80K per year)**
  - **Up to \$70K per year for salary**
  - **Up to \$20K per year for supplies & equipment**
- **≥50% time commitment to research**



# 4. CLINICIAN-SCIENTIST AWARD

- **Must hold or be approved for a full-time university teaching appointment in US medical school within Dept of OTO-HNS.**
- **US citizen or permanent resident (i.e. meets eligibility criteria for K08/K23 funding)**
- **Preference will be given to candidates who are currently enrolled in or have completed a neurotology fellowship program.**
- **Any topic related to ear disorders**
- **Successful applicants will be reviewed for progress in subsequent years 2 & 3.**



# ALL GRANTS

- **Important Dates:**
  - Letter of intent (competitive): November 1
  - Invitations to submit go out: December 1
  - Grant submission deadline: January 31
  - Funding dates: July 1 – June 30
- **Brief written feedback will be provided**
- **No funding overlap is permitted**
  - Requirement for a statement of other support from the PIs prior to initiating funding





# 2020-2021 AOS AWARDS

| GRANT TYPE                | PI                          | INSTITUTE                                       | GRANT NAME   | AMOUNT   |
|---------------------------|-----------------------------|---|--|----------|
| Clinician Scientist Award | Bryan K. Ward, MD           | Johns Hopkins University                        | Magnetic Resonance Imaging to Observe Magnetic Vestibular Stimulation  | \$80,000 |
| Clinician Scientist Award | Gavriel Kohlberg, MD        | University of Washington                        | Use of Multisensory Input and Deep Learning Techniques to Develop a Next Generation Listening Device to Improve Speech Perception in Noise for Individuals with Hearing Loss | \$80,000 |
| Research Grant            | Douglas E. Vetter, PhD      | University of Mississippi Medical Center        | Defining Novel Cochlear Signaling Systems That Determine ABR Wave I Threshold Shifts following Noise   | \$55,000 |
| Fellowship Grant          | Renee Banakis-Hartl MD, AuD | University of Michigan & University of Colorado | Cochlear Implant Insertion Trauma: Intracochlear Pressure Measurements and Anatomic Changes in Cadaveric Specimen  | \$44,000 |
| Fellowship Grant          | Sumana Ghosh, PhD           | University of Mississippi Medical Center        | Novel Role of Transcription Factor Six2 in Vestibular Planar Cell Polarity (PCP)   | \$44,000 |

# 2020-2021 AOS AWARDS

| GRANT TYPE       | PI                      | INSTITUTE                       | GRANT NAME  | AMOUNT   |
|------------------|-------------------------|---------------------------------|---|----------|
| Fellowship Grant | Christopher Nielson, MS | University of Utah              | Determining the Role of Macrophages in the Pathogenesis of Cytomegalovirus-Induced Sensorineural Hearing Loss                   | \$44,000 |
| Fellowship Grant | Gabriel Sobczak, MS     | University of Wisconsin-Madison | fNIRS Evidence for Underlying Neural Mechanisms of Spatial Release from Masking in Single-Sided Deaf Cochlear Implant Listeners | \$44,000 |

# 5 YEAR HISTORY

**OVER \$6.7 million distributed since 1997!**

| Fiscal Year | # of Awards | Total Funds (approx.) | Breakdown  |
|-------------|-------------|-----------------------|--|
| 2020-2021   | 7           | \$391,000             | 4 Fellowships, 2 CSA<br>1 Research Grant                               |
| 2019-2020   | 7           | \$399,000             | 1 CSA, 3 Research Grants,<br>1 Clinical Investigation<br>2 Fellowships |
| 2018-2019   | 7           | \$303,921             | 2 Research Grants,<br>5 Fellowships                                    |
| 2017-2018   | 5           | \$291,000             | 3 Research Grants,<br>1 CSA, 1 Clinical Investigation                  |
| 2016-2017   | 6           | \$390,000             | 3 Research Grants,<br>2 CSAs   |

# American Otological Society

## Grant Submission Process

The American Otological Society uses a simplified version of the NIDCD Early Career Research Award (R21/K08/K23) applications for our grant programs. There are no forms to fill out. Instead, all applications must be formatted using 11-point Arial font, with page margins set to be 0.5 inches circumferentially. The Principal Investigator's name must appear on each page. The completed application should be submitted electronically in ONE Adobe PDF format. Applications must meet the formatting rules to be considered. See website for specifics!

The grant applications are to be submitted via email to both:

Dr. Andrea Vambutas, Executive Secretary-elect of the AOS Research Foundation at [avambuta@northwell.edu](mailto:avambuta@northwell.edu)

Kristen Bordignon, Administrator of the American Otological Society [administrator@americanotologicalsociety.org](mailto:administrator@americanotologicalsociety.org)