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Working together, we continually discover new and effective ways to support the million-plus individuals with autism worldwide who need our help.”

— Stephen M. Edelson, PhD
Executive Director, ARI



Research: Our Work Continues

Research Grants total more than \$450,000

In 2022, ARI awarded more than \$450,000 in grants to fund research that holds realistic promise in impacting the lives of autistic people.

ARI's Scientific Advisory Board, which attracts leading researchers in all areas relating to autism, continues to grow, with five new members joining in 2022. These volunteers provide crucial support, including actively participating in ARI's annual grant review process.

ARI continually works to support the research by:

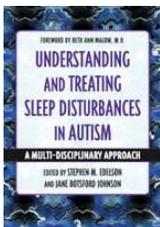
- **Offering feedback** for developing experimental designs;
- **Helping to recruit** participants for research studies;
- **Assisting two tissue banks**, including a brain tissue bank for the National Institute of Child Health and Human Development at the University of Maryland and a gastrointestinal tissue bank at the Digestive Function Laboratory Repository at Massachusetts General Hospital in Boston.

Scientific Meetings, In-Person and Online

ARI Think Tank: After two years of working online due to the pandemic, ARI's annual in-person Think Tanks resumed in April 2022, convening researchers and clinicians to discuss emerging findings about causes of and potential treatments for autism.

Fall Scientific Meeting: ARI held its annual online scientific meeting in October 2022. This international conference featured live presentations and discussions to provide researchers with updates on metabolic issues, co-occurring gastrointestinal conditions, and genetics.

Publications



ARI continues to publish its quarterly science newsletter, *Autism Research Review International (ARRI)*, reporting on current medical, sensory, and educational research.

In August 2022, ARI's Executive Director Stephen M. Edelson, Ph.D., and past board member Jane B. Johnson published a multidisciplinary book, *Understanding and*

Treating Sleep Disturbances in Autism. Contributors include leading experts in challenging behaviors, medicine, neurology, nutrition, and sensory processing.

Global Research Network

ARI continues to develop a global research network to keep researchers up to date with the latest news in the scientific community; this includes sharing articles on conducting research, informing them of various funding sources, and notifying them of the latest studies published in peer-reviewed journals.

2022 Research Grant Recipients

Research that makes a difference!

ARI conducts, sponsors and supports research on the underlying causes of and treatments for Autism Spectrum Disorder (ASD). Our founder Dr. Bernard Rimland would often say, "Research that makes a difference!" to remind us of the need to focus on what might be beneficial for people with ASD here and now.

Highlighted here are examples of research studies ARI funded in 2022. For a complete list, please visit: autism.org/ari-funded-research-studies-2022



Paola Bonisi, PhD
Fondazione Santa Lucia

Impact of Environmental Enrichment on the Resolution of Inflammation in a Mouse Model of Autism Spectrum Disorder



Adrien Eshraghi, MD, MSc, FACS
University of Miami

Understanding the Role of Peroxynitrite Signaling and Developing Therapeutic Intervention for Autism Spectrum Disorder



Andrew Levy, PhD
Technion
Israel Institute of Technology

Rescue of a Neurodevelopmental Disorder Associated with Autism Spectrum Disorder by Induction of the Heat Shock Response



Adam Naples, PhD
Yale University

Characterizing Auditory Sensory Stability in Autism

of people affected by autism through innovative, impactful research and education.



Continuing Medical Education focused on Autism

Accessible learning opportunities

ARI released a new series of continuing education talks during the fall of 2022 on topics including:

- Gastrointestinal issues
- Medical care for seniors
- Supporting Patients in Medical Settings

The series, offered in joint providership with the Cleveland Clinic, provides complimentary *AMA PRA Category 1 Credit™* to physicians and the general public. Connecting physicians to improved standards of care is crucial to amplifying understanding of the medical nature of the disorder. **View online at [ARI-CME.org](https://www.ari-cme.org).**

Educational Webinars

Free live and recorded content

ARI hosts twice monthly live webinars featuring top researchers and treatment professionals. Thousands of viewers register each year to watch live presentations on various topics, including research updates, nutrition, behavioral support, assessment, educational therapies, adult issues, and more. Some presentations are offered in joint providership with the World Autism Organization.

Clinical webinars, aimed at guiding healthcare providers worldwide, are offered with live Q&A and simultaneous language interpretation.

ARI's **YouTube channel** offers free access to a library of presentations by top experts including up-to-date webcasts on medical support, educational videos, social stories, and talks from past conferences. Users have tuned in for nearly 900,000 views.

Outreach

Outreach in the U.S.: Providing personal support and resources

ARI offers support to parents and professionals.

- **Telephone support line** for parents and care providers seeking information
- **Webinars** provide opportunities for webinar viewers to ask questions directly to the presenters

International Outreach: Embracing the global autism community

ARI embraces a global autism community, networking with parent support groups worldwide. The network aims to improve communication among support groups and inform the international community of the current state of the science regarding the underlying biology of ASD and evidence-based treatments.

To date, **226 groups** have joined the network spanning **77 countries**, including Argentina, Belgium, Croatia, Egypt, Germany, Israel, Moldova, Nigeria, Peru, Poland, Romania, Spain, Switzerland, Ukraine, Venezuela, and Vietnam.

ARI is an **NGO (non-governmental organization) of the United Nations**. ARI continues to translate many critical articles and our Autism Treatment Evaluation Checklist (ATEC) into different languages. ARI's ATEC, available in 25 languages, is completed by more than 150 users per day.

E-Newsletters

Sharing information for everyone in the autism community

ARI's monthly e-newsletter keeps nearly 140,000 subscribers up to date on new resources and the latest research.

ARI also publishes a bimonthly e-newsletter, *Clinical Research in Autism*, for obstetricians, pediatricians, family practice physicians, internists, psychiatrists, and nurses who want to keep current with research relevant to their practice.

GIVE WITH CONFIDENCE:

ARI's strong financial health and commitment to accountability and transparency have once again earned it Charity Navigator's highest "4-star" rating and Candid GuideStar's highest "Platinum" rating.



Your Support Makes a Difference.

Your generosity helps fund research and education that makes a difference in the lives of autistic people and their families. Your gift of any size goes directly toward supporting the health and well-being of people affected by autism through innovative, impactful research and education.



AUTISM RESEARCH INSTITUTE
Autism is Treatable

I'm inspired

“ Thank you for doing this for us! Most of the time we educators are tackling our ‘to-do’ list as best as we can. I feel like my time was valued during this clear, concise webinar presentation. So many teachers, educators and parents need this. I’m inspired.”

— ANAROSY TORRE, BCaBa
Educational Consultant
Guayaquil, Ecuador



My superhero

“ My son Jaxson is a superhero! Jaxson has made tremendous progress through the help of Applied Behavior Analysis, occupational therapy, speech therapy and appropriate medical support. Everyone who has taken their time to get to know Jaxson and invest their time in him has helped him to grow into the amazing superhero he is today!”

— NICI PETRICH
Sioux Falls, SD



My first source of information

“ ARI was one of my first sources of information when my son was first diagnosed back in '88. It was helpful to have a newsletter that had the latest research written in layman's terms.

Today, I find the webinars to be a good resource. My son, Bobby, has a small business making habitats for native bees. This fall he entered a mason bee house in the Interstate Fair in Spokane Washington and received a special ribbon.”

— JULIE PARRY
Spokane, WA



It feels so liberating

“ Excellent presentation. (*Delayed and Missed Diagnoses of Autistic Women*, Nov. 2022.) It feels so liberating to hear evidence-based research on everything an undiagnosed woman with autism has been going through for almost a lifetime.”

— EFTHALIA KADEROGLOU
Thessaloniki, Greece



Connect with ARI!

Autism.org

AutismResearchInstitute
 @ARIConference