SRNDNA Newsletter

SCIENTIFIC RESEARCH NETWORK ON DECISION NEUROSCIENCE & AGING

Get Ready for the '23 Conference

Event will emphasize new focus on ADRD and health disparities research

On April 30, decision making and aging researchers will convene at UC Santa Barbara for the '23 SRNDNA Conference. The conference will highlight the network's added attention to Alzheimer's Disease and related dementias (ADRD) and health disparities research.

Attendees can expect to enjoy interesting topics from our speakers featured below. Additionally, the SRNDNA NIH Directors will be in attendance and available for questions.

Scan the QR code for more information and to complete the interest form. Travel and accommodations will be provided for those selected to attend.

Winston Chiong, MD, PhD, will give the keynote address for the conference. Dr. Chiong is an Associate Professor of Neurology at UCSF Weill Institute for Neuroscience and leads the Decision Lab at UCSF.

Anne Krendl, PhD, will speak about her research on understanding how social connectedness protects older adults' cognitive health. Dr. Krendl is an Associate Professor at Indiana University, Bloomington.

Hsiang-Yu Chen, PhD, recently received a pilot grant from SRNDNA. Her research focuses on how the catecholamine system may shape decision-making and memory in aging. Dr. Chen is a post-doc in Dr. Anne Berry's Neurochemistry and Cognition Lab at Brandeis University.

Angela Hill, PharmD, CRPh, is project manager of WE-CARE where she coordinates community activities to recruit, retain, and educate minorities on research participation. Dr. Hill is the Professor and Associate Dean of Clinical Practice at the USF Taneja College of Pharmacy.

Vishnu "Deepu" Murty, PhD, is a recent SRNDNA pilot grant recipient. His talk will be about decomposing the elements of event memory that support value-based decisions. Dr. Murty is the principal investigator of the Adaptive Memory Laboratory, which is housed in the Department of Psychology and Neuroscience at Temple University.

Nathan Spreng, PhD, will speak about his ideas on exploration / exploitation-based decision making in older adults, relating them to LC and VTA structure with novel qMRI methods. Dr. Spreng is a Professor in the Department of Neurology and Neuroscience at McGill University and the director of The Laboratory of Brain and Cognition.

New Website! Visit us at www.srndna.utdallas.edu

Recipients Announced for Inaugural Open Data Awards

SRNDNA created the Open Data Awards in 2022 to encourage researchers to share curated data sets publicly. Awards amounts vary and are determined by the size and nature of the data set. **Applications for the 2023 Open Data Awards will open April 15**.

Data is an invaluable resource. So much so that on Jan. 25, 2023, acting NIH director Lawrence A. Tabak, DDS, PhD, in a statement, announced the implementation of the NIH Policy for Data Management and Sharing (DMS), encouraging scientists to consider data management and sharing as part of the grant process. The statement also notes that "data sharing is a fundamental component of the research process...."

Kaileigh Byrne, PhD, an Assistant Professor at Clemson University and recipient of a data award, echoed this sentiment, "Open data in science is critical for promoting research transparency and integrity, ensuring replicability of procedures and analyses, and building trust in science within society."

David Smith, PhD, an Assistant Professor at Temple University and mentor to award recipients Yi Yang, Rita Ludwig, and Srikar Katta, also sees data sharing as extremely helpful to the scientific community.

"With unrestricted access to the original data, researchers have an opportunity to conduct secondary analyses that speak to new questions. Researchers can also more easily combine data sets from across multiple studies, potentially uncovering important insights that a single study might miss.

"Unfortunately, it's not always easy to curate data sets and share with the broader community, which is why it's great to see SRNDNA offering these Open Data Awards," he said.

Generating research data also can be time consuming with few tangible, immediate incentives, something SRNDNA is hoping to remedy.

"The SRNDNA Open Data Award provides an excellent

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>
> *—Kaileigh Byrne, PhD, Clemson University*

platform for researchers who share similar research interests to learn about accessible data that is relevant to their expertise," said Dr. Byrne. "My hope in making my data public through SRNDNA is that other researchers will use this data to advance scientific knowledge, their research, and their skillset."

SRNDNA encourages everyone to share their data on public platforms. As preparations for the 2023 SRNDNA Open Data Awards, please take a moment to recognize the 2022 award recipients and check out their data sets.

Heart rate variability biofeedback training and emotion regulation

Padideh Nasseri, Hyun Joo Yoo, Kaoru Nashiro, Jungwon Min, Christine Cho, Shelby Bachman, Shubir Dutt, Shai Porat, and Paul Chio, *working with Mara Mather at University of Southern California*

View data here

Age Differences in Prosocial Behavior Depend on Effort Costs

Kaileigh Byrne *at Clemson University*

View data here

Risk for Financial Exploitation: Characterizing the Role of Socioeconomic Status, Cognition, and Social Decision Making

Yi Yang, Rita Ludwig, and Srikar Katta, *working with David Smith at Temple University*

View data here