

# Hopkins' Economics of Alzheimer's Disease & Services (HEADS) Center

**2023-2024 Pilot Award Application Cycle  
Informational Session  
October 25, 2022, 12-1 p.m. EST**

## **Presenters:**

### **Lauren Hersch Nicholas, PhD**

Associate Professor and HEADS Center Pilot Core Deputy Director  
University of Colorado Denver - Anschutz Medical Campus  
Johns Hopkins Bloomberg School of Public Health

### **Dan Polsky, PhD**

HEADS Co-director and Remote Data Enclave Core Director  
Bloomberg Distinguished Professor  
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### **Matt Eisenberg, PhD**

HEADS Remote Data Enclave Core Deputy Director  
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### **Jianhui (Frank) Xu, PhD**

Assistant Scientist, Johns Hopkins Bloomberg School of Public Health

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# **We invite applications for pilot grants related to our two HEADS themes:**

- 1) Identify range of care needs of persons with ADRD and the economic consequences of ADRD for patients and families.
- 2) Examine how the organization, financing, and delivery of services affects accessibility, affordability, quality, and equity of ADRD care.

Racial disparities and caregiving are cross-cutting areas of interest

# HEADS Center Pilot Core

## **CORE B: PROGRAM DEVELOPMENT (PILOT) CORE:**

To provide funding, interdisciplinary research mentorship, and regulatory monitoring of novel pilot studies that can advance research within our themes, develop the careers of researchers addressing these themes, and attract investigators to the field.



# Key Details

- We expect to competitively award up to \$200,000 in pilot awards, with funds up to \$50,000 per grant available, based on the innovation and breadth of pilot scope in the coming 2023-2024 cycle
- We are particularly interested in supporting promising post-doctoral fellows and junior faculty, but applicants may be of any rank
- We encourage applicants from under-represented racial and ethnic groups, as well as individuals with disabilities

# Key Dates

## Year 4: 2023-2024 Pilot Application Schedule

<b>Letters of Intent Due (optional)</b>	<b>January 3, 2023, 11:59 PM (EST)</b>
<b>Complete Proposals Due</b>	<b>Wednesday, February 1, 2023, 11:59 PM (EST)</b>
<b>Awards Announced</b>	<b>Early April 2023</b>

# Pilot Proposal Guidelines and Process

## Research topics and methodologies:

- Studies should use and advance methods in economics and health services research
- Research should inform efforts to improve the care of persons with ADRD and/or mitigate the economic burden of ADRD

# Pilot Proposal Guidelines and Process

## Project duration

- Proposals should describe projects that can feasibly be completed in one year

## Funds available

- Anticipated total award (directs + indirects): Up to \$50,000. Deviations from this amount are permissible in exceptional circumstances.

# Pilot Proposal Guidelines and Process

## Application and Submission Information: Letters of Intent (LOIs)

- Optional, but strongly encouraged to ensure appropriate reviewer expertise
- It is not binding, and study design can change after submission

**Due date: 1/3/23**



# Pilot Proposal Guidelines and Process

## Application and Submission Information cont'd:

### Proposals

- Cover page (one page)
- Sections in this order: Study Aims, Significance, Innovation, Approach, Future Aims
- Required Supplemental Documents
- Budget Forms

**Due date: 2/1/23**

# Pilot Proposal Guidelines and Process

## Eligibility Criteria:

### Eligible Institutions

- Colleges
- Universities
- Medical or Nursing Schools
- Other fiscally responsible organizations

# Pilot Proposal Guidelines and Process

## Eligibility Criteria cont'd:

### Principal Investigator

- Must hold a doctorate degree (MD, PhD, PharmD or equivalent)
- Must hold a faculty, research scientist, post-doctoral fellow, or equivalent position by the start date of the award
- Applicants from under-represented racial and ethnic groups as well as individuals with disabilities are strongly encouraged to apply for funding
- Interdisciplinary research teams are encouraged

# Mentors

- Only required for PIs who are post-doctoral fellows
- Optional for everyone else
- If you have one or more mentors, include their NIH-style biosketch(es) or provide their name(s) and email(s)

# QUESTIONS?

Additional questions about the LOI and proposal process may be directed to: Nadia Hay, HEADS Center Program Manager-  
[nhay1@jhu.edu](mailto:nhay1@jhu.edu)



# Data Resource Types Available on HEADS' Remote Data Enclave Core (RDEC)

1. DUA-restricted CMS data
2. DUA-restricted CMS claims-linked survey data (through MedRIC)
3. Hopkins-licensed data that are linkable and complementary to claims-based research
4. Contextual data on long-term services and supports (LTSS)

# DUA-Restricted CMS Data: Beneficiary IDs Compatible Across All

## MA Encounter Data

- ▶ Carrier for ~12 million MA enrollees (~50-65% of MA) [2016-2018] 2019
- ▶ 100% Outpatient [2016-2018] 2019
- ▶ 100% Inpatient [2016-2018] 2019
- ▶ 100% Skilled Nursing Facility [2016-2018] 2019
- ▶ 100% Home Health [2016-2018] 2019
- ▶ 100% FFS and MA Master Beneficiary Summary Files [2014-2019] 2006-2013, 2020

## FFS and Prescription Drug Claims

- ▶ 20% FFS Carrier [2015-2020] 2021
- ▶ 20% FFS Outpatient [2015-2020] 2021
- ▶ 20% FFS Home Health [2015-2020] 2021
- ▶ 20% FFS Inpatient [2015-2020] 2021
- ▶ 20% Part D Claims for MA-PD plans and Part D standalone plans [2015-2019] 2020

# DUA-Restricted CMS Data: Beneficiary IDs Compatible Across All

- ▶ 100% FFS and MA Hospice [2016-2019] 2020
- ▶ 100% FFS and MA MedPAR [2010-2019] 2020
- ▶ Medicare Data on Provider Practice and Specialty (MD-PPAS) [2018-2020]
- ▶ Home Health Outcome and Assessment Information Set (OASIS) for 20% of FFS and all MA [2019-2021]



# DUA-Restricted CMS Claims-Linked Survey Data (Pending)

- ▶ National Health and Aging Trends Study (NHATS)-CMS
  - ▶ FFS claims [2006-2021]
  - ▶ Part D claims [2006-2021]
  - ▶ MA encounter [2015-2019]
  - ▶ Medicaid claims [2006-2019]
  - ▶ MedPAR [2006-2020]
  - ▶ Assessment data (IRF, MDS, OASIS) [2006-2021]
  
- ▶ Health and Retirement Study (HRS)-CMS
  - ▶ FFS claims [1991-2018]
  - ▶ Part D claims [2006-2018]
  - ▶ Medicaid claims [1999-2012]
  - ▶ Assessment data (IRF, MDS, OASIS) [1999-2018]
  - ▶ MedPAR [2013-2018]

# Hopkins-Licensed Data Complementary to Claims-Based Studies

- ▶ Ideon (Vericred) provider network data (MA, ACA, and Medicaid managed care) [2017-2022]
- ▶ OneKey healthcare industry database (physicians and nurse practitioners/physician assistants and associated organizations) [2019]
- ▶ American Hospital Association Annual Survey data [2005-2020]

# Contextual Data on LTSS

- ▶ Serves as platform for investigating how the LTSS environmental context shapes the care experiences of individuals living with disability

- ▶ Data sources

American Community Survey	Bureau of Labor Statistics
Dartmouth Atlas	Medicare Expenditures per Beneficiary
State Medicaid Expenditures for LTSS	Managed Long-Term Services and Supports
Paid Family Leave Availability	State Minimum Wage Laws
Paid Sick Leave Availability	

# Thank you

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