



UNLOCKING
THE POWER OF
**NURSING
RESEARCH**
TO IMPROVE LIVES

NINR: 40 Years of Impact on Nursing Research

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Director, Division of Extramural Research Programs



September 2025



National Institute
of Nursing Research

Setting the Stage: Evolution of the National Institute of Nursing Research



1985 Public Law 99-158, the Health Research Extension Act



1987 National Center for Nursing Research and Associated Advisory Council



1993 National Center for Nursing Research became National Institute of Nursing Research



1999 NACNR Made Recommendations for Strategic Goals in the 21st Century



2006 Changing Practice, Changing Lives: 10 Landmark Nursing Research Studies

[10 Landmark Nursing Research Studies](#)

21st Century Strategic Goals

- Respond to compelling public health concerns
- Increase the impact of NINR within NIH by Identifying scientific areas where NINR can achieve distinction
- Identify future areas of research opportunity by communicating and disseminating research findings, and
- Enhance capacity-building for the future development of researchers

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40 Years of Benchmarks: Nursing Science at NINR

Nurse scientist
training

Biological
systems and
symptom
science

Biobehavioral
nursing science

Data science

New
methodologies
and technological
innovations

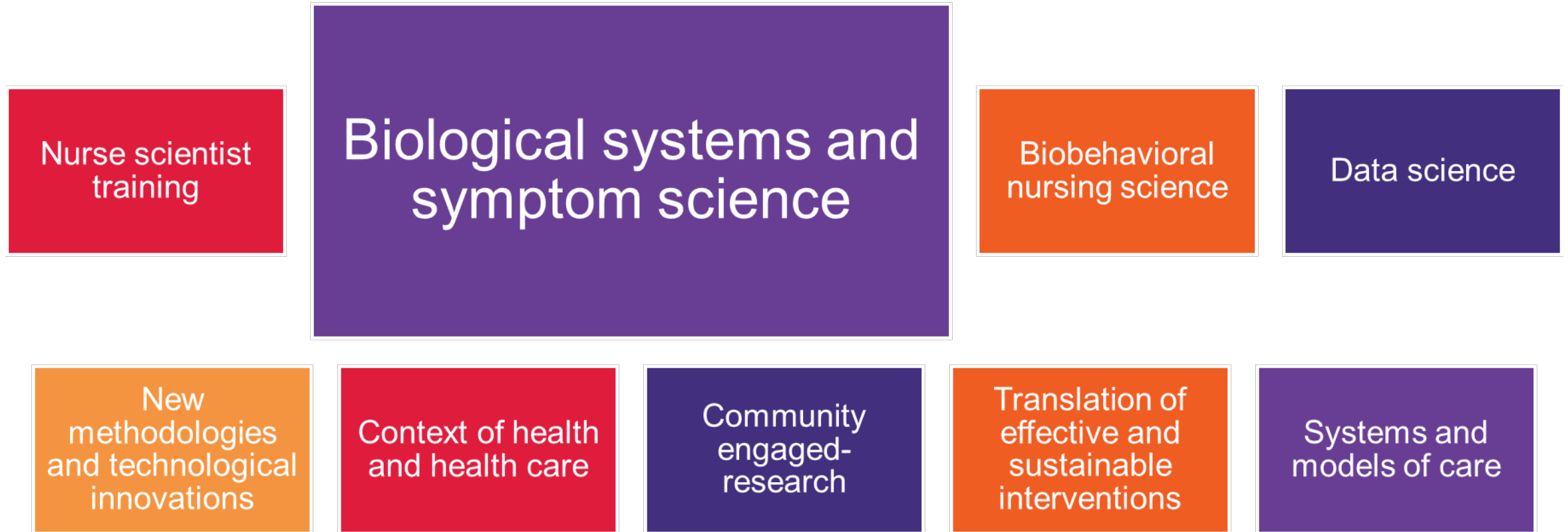
Context of health
and health care

Community
engaged-
research

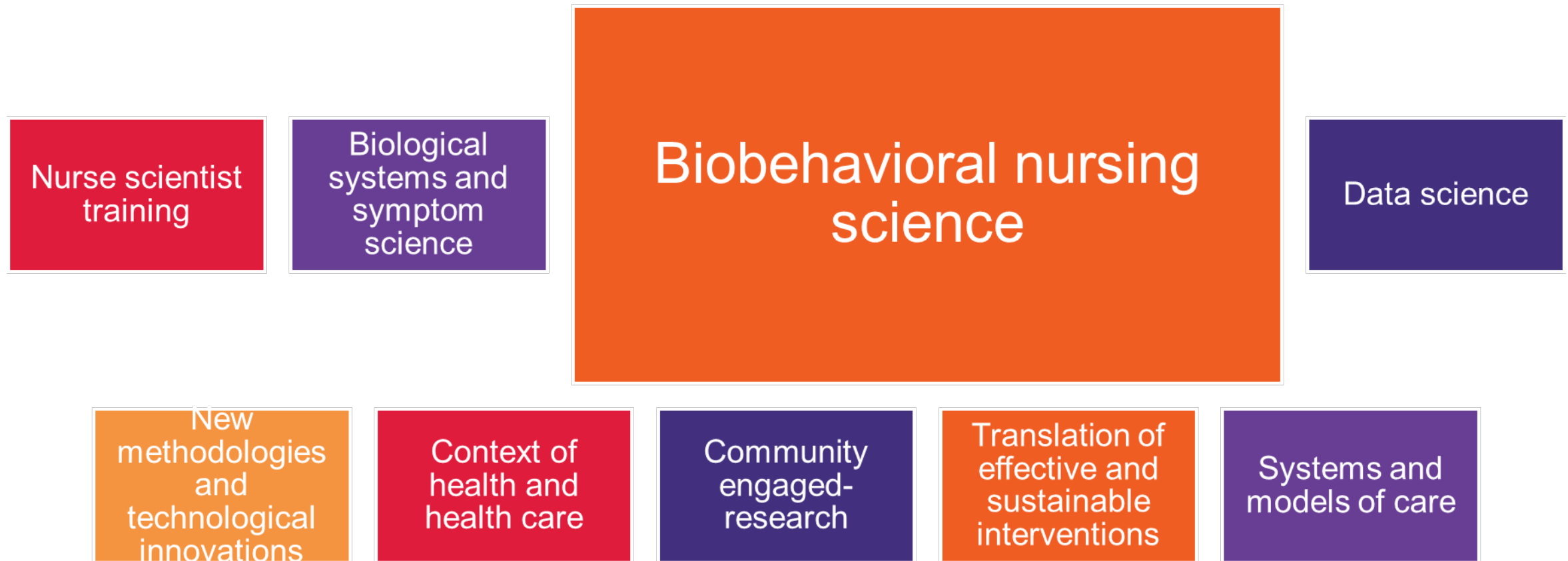
Translation of
effective and
sustainable
interventions

Systems and
models of care

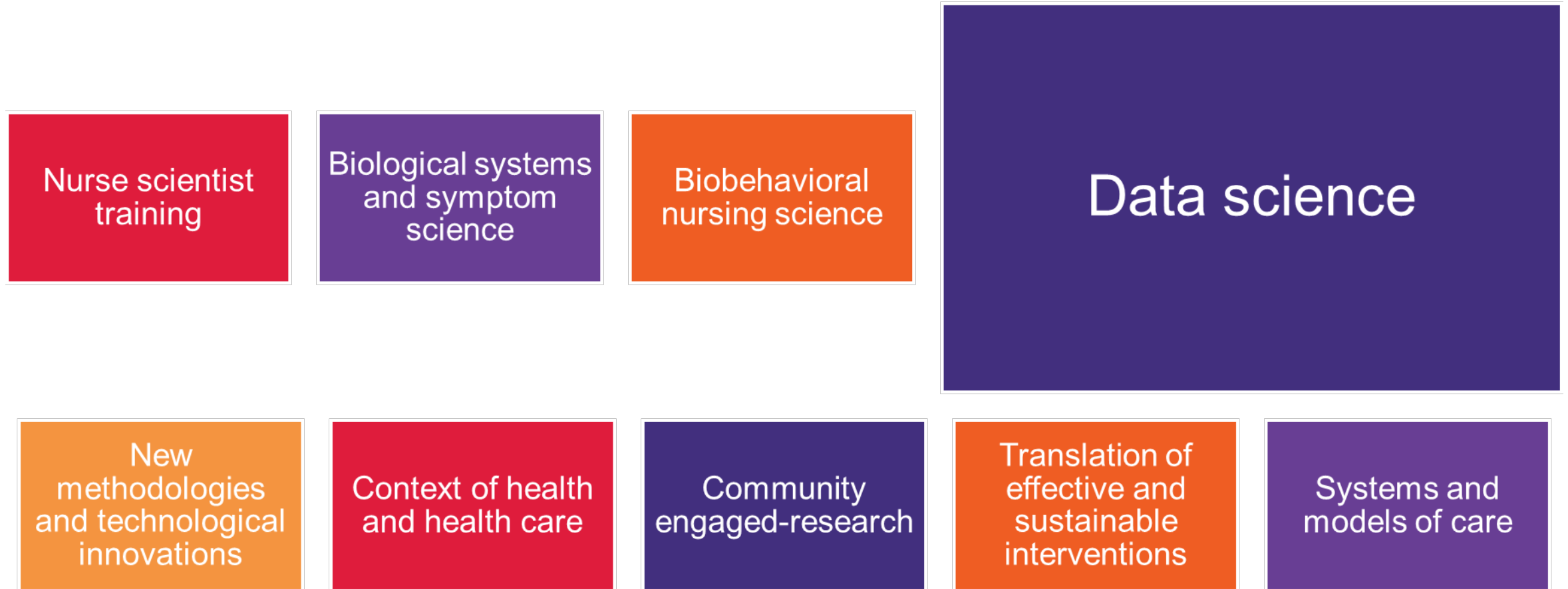
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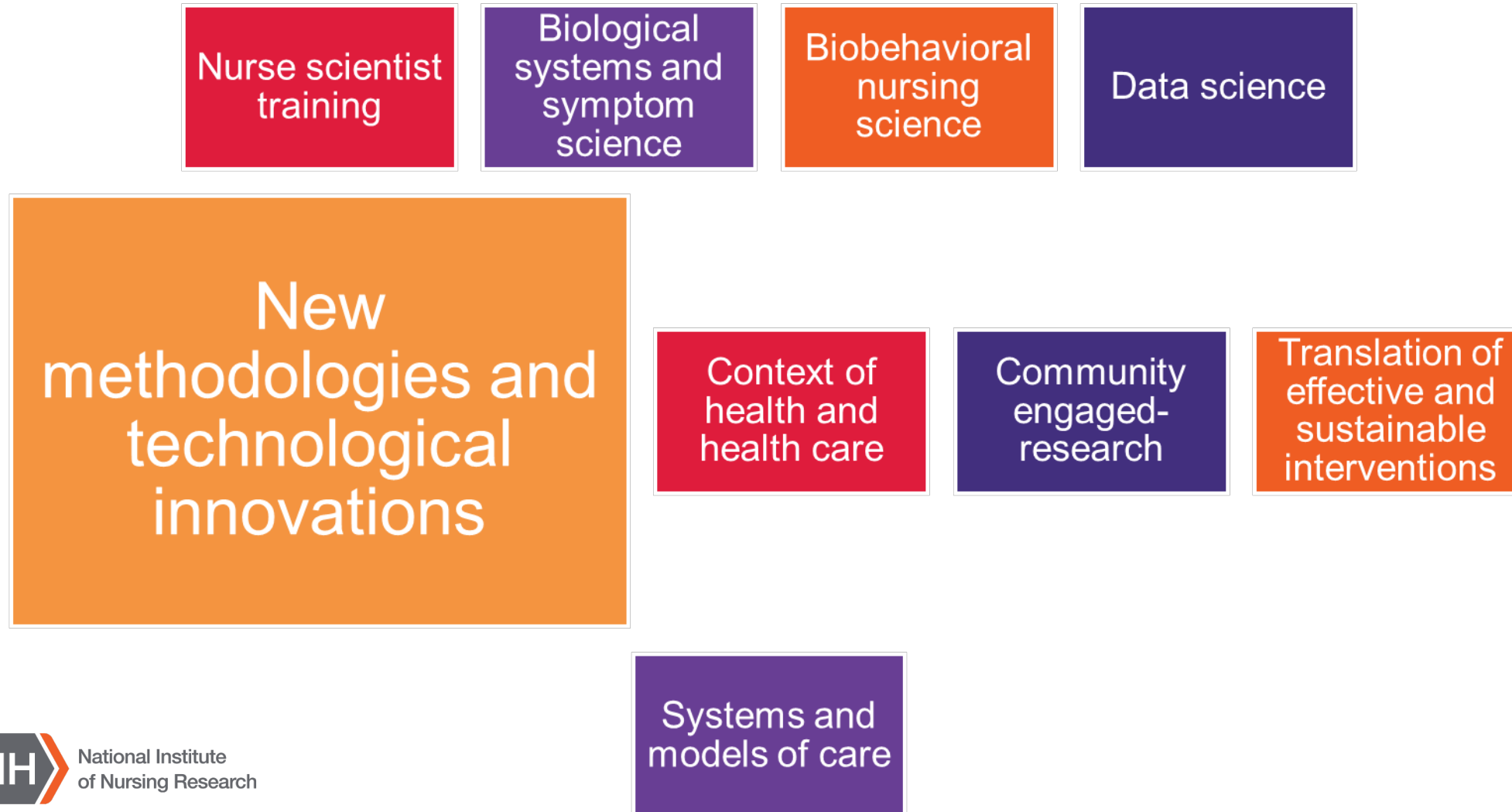
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Championing Issues in Nursing Science



Data Science, Artificial Intelligence, and Health Working Group

- Research Recommendation:
 - To support nurses and other interdisciplinary scientists to lead AI research agendas addressing differences in health and disease distribution and conditions of daily life
- Training Recommendation:
 - Develop targeted training programs to advance nurse scientists' competency in conducting AI-focused research
- AI activities:
 - NINR Methodologies Bootcamp: Artificial Intelligence
 - National Science Foundation Solicitation NSF 23-614: Smart Health and Biomedical

Advancing Nursing Research to Support Healthy School Environments for All

A Virtual Workshop: June 11, 2025

Speakers, panels and discussions on:

- School Health Environments: Research Successes, Gaps, and Opportunities
- Ecosystem Approaches to Improving School Health
- Practical Implications of School Health Research
- Addressing Educational Quality to Advance Health Across the Lifespan

Co-Sponsored by the NIH Office of Behavioral and Social Sciences Research (OBSSR)



Guidance on Extramural Research Support



IMPACT: End-of-Life Care

PI: Melissa Aldridge

R01NR013499, R01NR018462

- These studies aimed to determine associations between hospice preferred practices and patient-centered outcomes
 - e.g., hospital use, hospital versus home death, hospice disenrollment, and total health care spending, including family healthcare spending.

JAMA Health Forum™

Original Investigation

Association Between Hospice Enrollment and Total Health Care Costs for Insurers and Families, 2002-2018

Melissa D. Aldridge, PhD; Jaison Moreno, MA; Karen McKendrick, MS; Lihua Li, PhD; Ab Brody, PhD; Peter May, PhD

Journal of Palliative Medicine
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<https://doi.org/10.1089/jpm.2021.0390>

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Original Article

Transitions from Home Health to Hospice: The Role of Agency Affiliation

Claire K. Ankuda, MD, MPH¹, Jaison Moreno, MA¹, Joan M. Teno, MD, MS², and Melissa D. Aldridge, PhD, MBA ^{1,3}

END-OF-LIFE CARE

DOI: 10.1377/hlthaff.2019.01549
HEALTH AFFAIRS 39,
NO. 6 (2020): 1060–1064
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The People-to-People Health
Foundation, Inc.

By Melissa D. Aldridge, Katherine A. Ornstein, Karen McKendrick, Jaison Moreno, Jennifer M. Reckrey, and Lihua Li

DATAWATCH

Trends In Residential Setting
And Hospice Use At The End Of
Life For Medicare Decedents

IMPACT: Palliative Care



PALLIATIVE CARE RESEARCH COOPERATIVE GROUP

1. UC4NR0121584 2010-2013 MPIs: Amy Abernethy & Jean Kutner
 2. U24NR014637 2013-2018 MPIs: Jean Kutner, Christine Ritchie, & Kathryn Pollack
 3. U2CNR014637 2018-2023 MPIs: Jean Kutner, Christine Ritchie, & Kathryn Pollack
- Provided support to 28 federally funded investigators on awards totaling \$70.4M
 - 44 pilot grants
 - 10 Clinical trial intensive training courses
 - PC Consortium: >630 researchers,
220 institutions
 - NIA-led ASCENT Consortium (U54)



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<https://doi.org/10.1089/jpm.2023.0627>

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Special Report

Advancing the Science of Palliative Care: Contributions of
the Palliative Care Research Cooperative Group

Jean S. Kutner, MD, MSPH¹, Kathryn I. Pollak, PhD ^{2,3}, Karen A. Kehl, PhD, RN, FPCN⁴,
and Christine S. Ritchie, MD, MSPH⁵

IMPACT: HIV

PI: Loretta Jemmott

R01NR03123

AIDS--Testing Risk Behavior
Interventions

Be Proud! Be Responsible!

MPIs: Scott Rhodes and Caryn Morse

R01NR020307

Exploring the consequences of food
insecurity and harnessing the power
of peer navigation and mHealth to
reduce food insecurity and
cardiometabolic comorbidities among
persons with HIV



Leading Through Innovations and Discoveries, Spanning Multiple Levels, Across Sectors, and Optimizing Health for All

Context of Health

Housing Security



IMPACT: Housing As A Context For Health

MPIs: Matthew Eisenberg and
Craig Pollack

R01NR020854

Housing Policies and their Impact on
Engagement in Substance Use
Treatment and Overdose Risk

MPIs: Sara Jaffee, Benjamin
Abella and Vincent Reina

R01NR021122

Evaluating the Impact of
PHLHousing+ on reducing health
disparities



Context of Health

Food and Nutrition Security



IMPACT: Food and Nutrition Security

PI: Chima Ndumele
R01NR020855

Leveraging SNAP to Improve Mental
Health Outcomes

PI: Elaine Borawski
R01NR021490

The Role of Medically Tailored
Groceries in Mitigating Food
Insecurity and Improving Pregnancy
Outcomes through Clinic-Community
Partnerships



Nurse Burnout



IMPACT: Nurse Burnout

MPIs: Linsey Steege and Jessica Rainbow

1R01NR021386

REducing Nurse Burnout through SysTems Analysis and Organizational REdesign (RESTORE): Evaluation of a Nurse-led Approach

MPIs: Arjun Athreya and William Bobo

R01NR020362

SCH: Wearable Augmented Prediction of Burnout in Nurses: A Synergy of Engineering, Bioethics, Nursing

Presidential Early Career Award for Scientists and Engineers

- Dr. Ida Spruill (2013)
- Dr. Sarah Collins Rosetti (2019)
- Dr. Tracey Yap (2019)
- Dr. Diane Santa Maria (2025)



A Well-Lit Path to Discovery



Thank You

- Acknowledgments