



Nursing Research and the Conditions of Daily Life

Advancing Rigorous Science to Optimize Health for All

Dionne Godette, PhD
Senior Program Director
Population and Community Health Branch



Presentation Roadmap

Bridge Between Discovery & Impact: Health for All

Why conditions of daily life matters

- Research to Action
- Community engagement

Prevalent conditions of daily life in NINR portfolio

Biomedical workforce training

Optimizing health for all

Questions & Discussion



Bridge between Discovery & Impact

Health for All



From Research to Action:

Two Domains of Impact

Rigorous research on conditions of daily life translate to two action domains:

- **Preventing and managing disease** using validated measures to identify risk earlier and tailor disease management
- **Advancing systems that optimize care** using research findings to improve how care is organized, coordinated and delivered across settings



Community Engagement & Conditions of Daily life

Community Engagement

- Measurement Validity
 - Refines whether an instrument (e.g., a food security scale) actually captures the resources and coping strategies present in a specific population

Research on Conditions of Daily Life

- Research Targeting
 - Helps confirm which condition of daily life is truly operating for a given outcome. (e.g., transportation-linked food access vs. food affordability)

Action: Prevention & Care Systems

- Implementation Success
 - Determines whether an intervention (referral pathway, screening tool) is trusted, adopted, and sustained in practice

Prevalent Conditions of Daily Life

NINR Portfolio



The Contextual Lens: Defining Our Approach

Conditions of Daily Life

- Everyday circumstances that provide context for health research;
- An analytic lens using well-defined, validated measures:
 - Food insecurity
 - Nutrition insecurity
 - Housing
 - Employment
 - Education
 - Socioeconomic status



Prevalent Conditions of Daily Life: Overview

Conditions	Definition	Example Measurement Tool	Example Research Relevance
Food and Nutrition insecurity	Food - Limited/uncertain access to adequate food	USDA Household Food Security Survey Module	Diabetes management affected by no reliable access to food impacting glucose control
	Nutrition – access to quality/nutritional value of food	Healthy Eating Index	Maternal and child health outcomes affected by nutritional adequacy during pregnancy
Housing and Home Environment	Social and relational environment within the home, physical structure (stability, quality, safety of living environment)	Housing stability & quality indices	Respiratory illness, injury risk resulting from physical home environment; Person's ability to follow complex care plan depends on consistent available caregiver in home
Employment	Job status, schedule, occupational exposures	Employment status, shift-pattern data	Cardiovascular and stress-related outcomes
Education	Attainment and health literacy; work-based learning and skill building	Educational attainment, health literacy scales	Treatment adherence, care navigation; employer health literacy programs improve employee disease management
Socioeconomic status	Income, wealth, poverty status	Income-to-poverty ratio	Access to care, medication affordability



Context Matters: Why Nursing Research Examines Daily Life



Health outcomes emerge from the interaction of biology, care and everyday context.



Nursing science has long examined the everyday environments where people live, work, learn, play and age.



Health outcomes cannot be fully understood by biology alone.



Daily life conditions provide critical context for interpreting research findings.



This lens strengthens biomedical and clinical research.

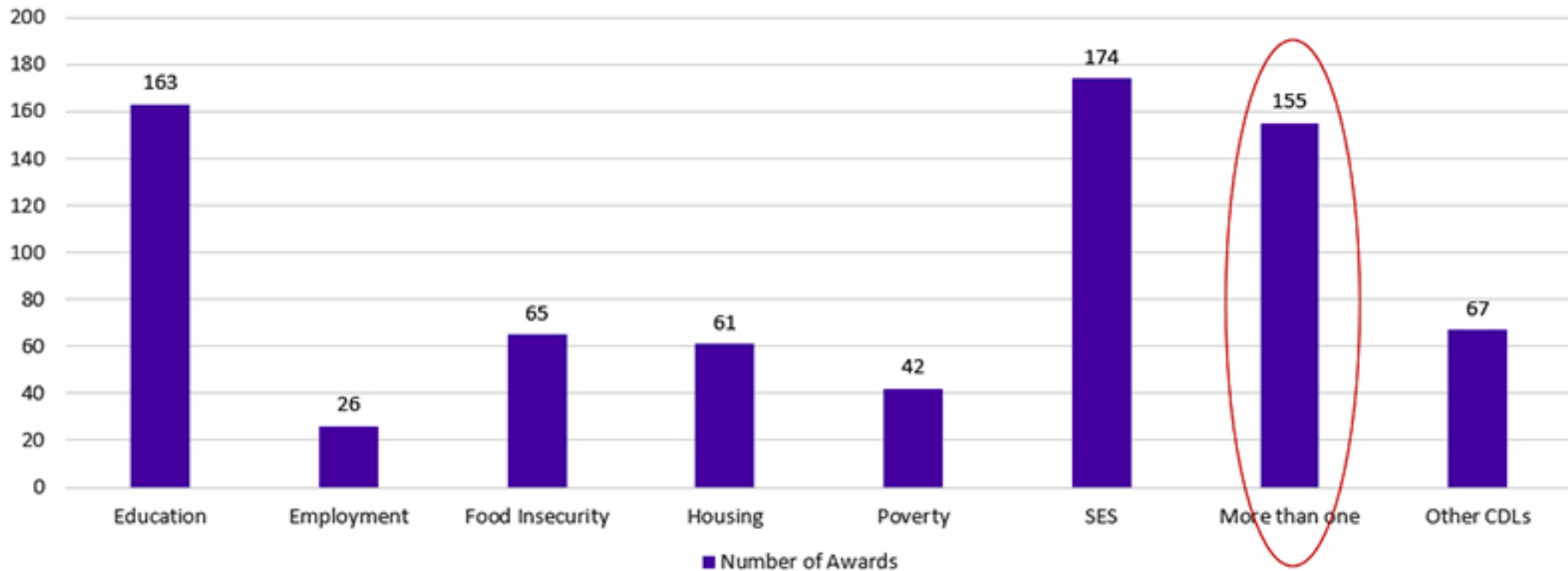


NINR Portfolio 2021 - 2026

Conditions of Daily Life

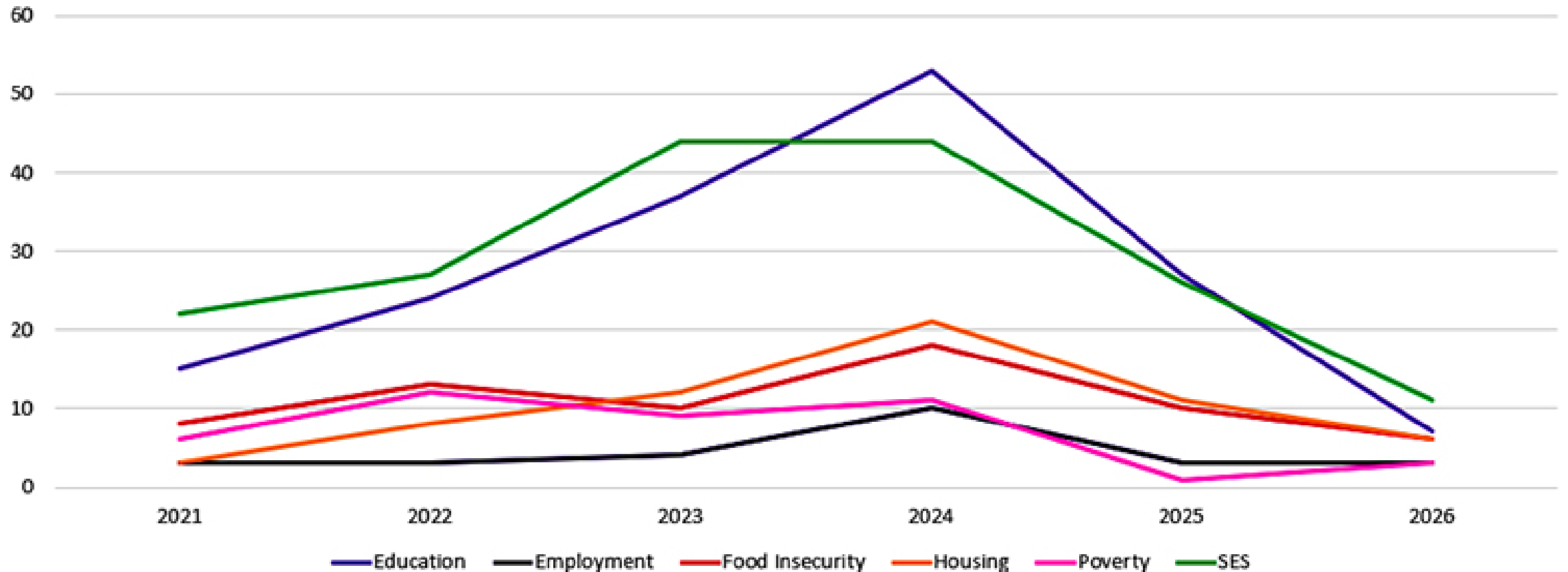
Awards Addressing Conditions of Daily Life (CDL)

NINR CDL Awards FY 2021–2026

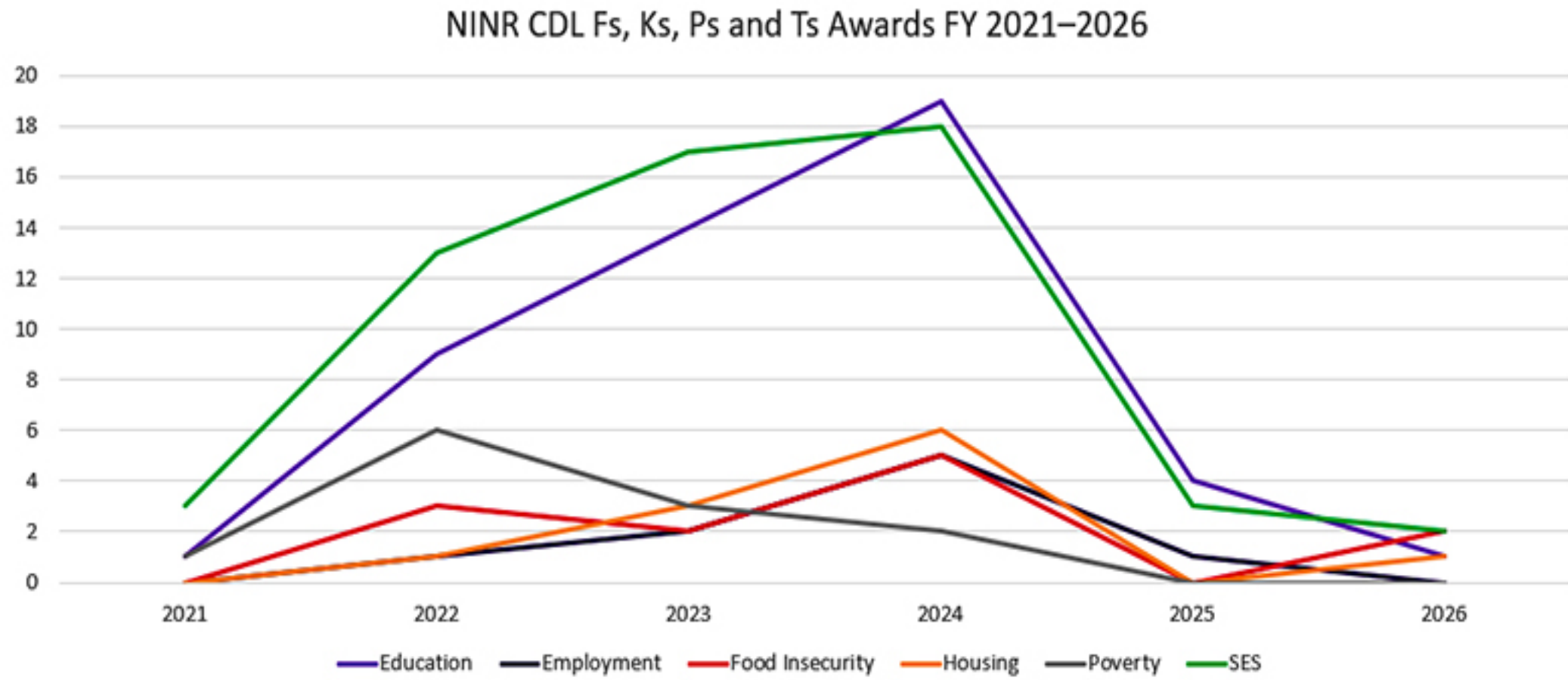


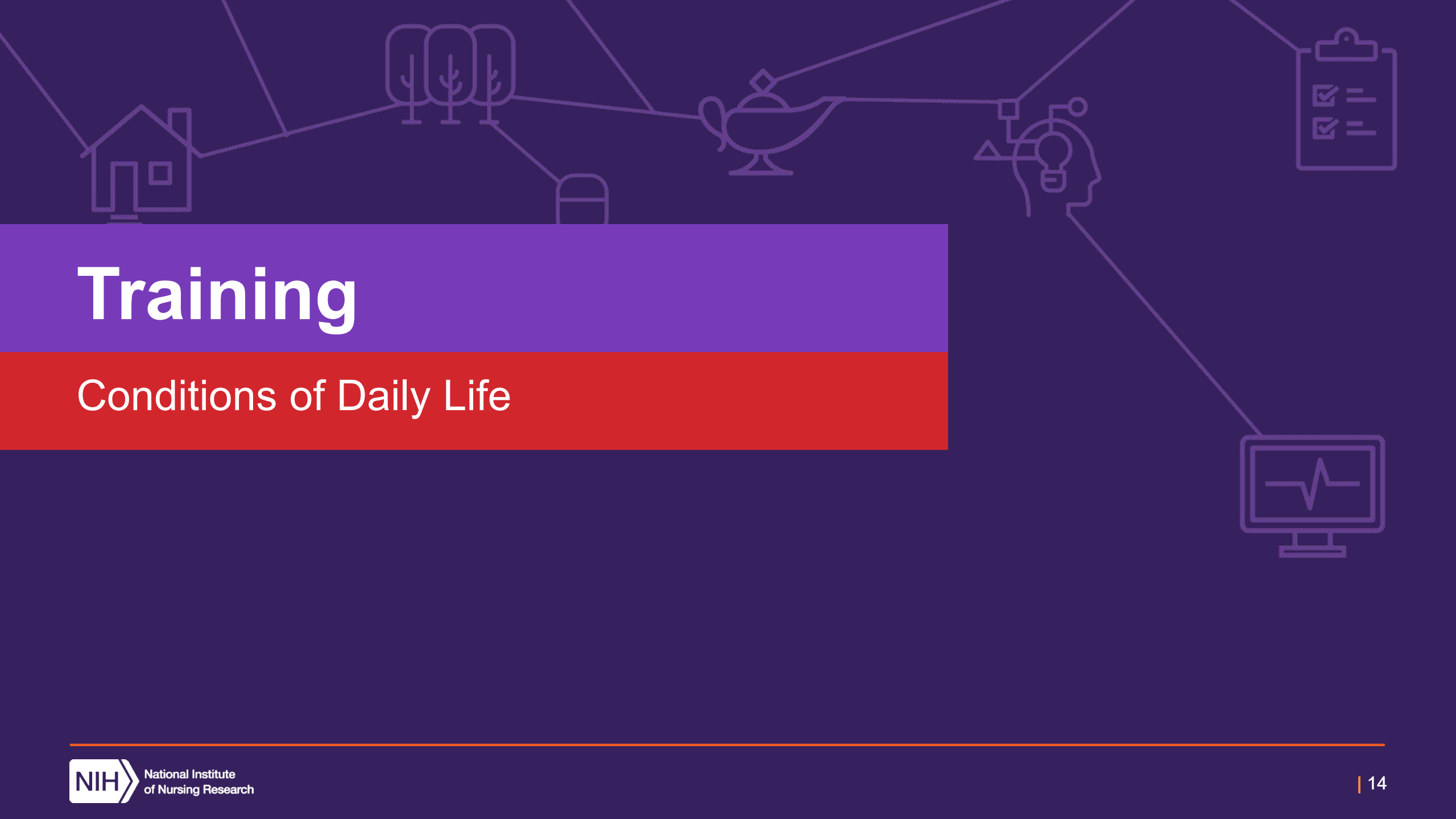
NINR Conditions of Daily Life (CDL) Funding Trend FY 2021 – FY

NINR CDL Awards



Training, Career and Research Infrastructure Awards Addressing Conditions of Daily Life





Training

Conditions of Daily Life

Training the Biomedical Workforce: Why It Matters



Shared standards – measurement, justification, interpretation



Reproducibility – Transparent methods and defensible choices



Actionable findings – Clinicians, health systems and communities can use the evidence/solutions orientation

Core Insights from NINR 2025 Scientific Convening



Language & Conceptual Rigor – clear constructs and methodological clarity preserve the evidence base as priorities shift



Translation to practice – Implementation guidance, organizational capacity, and lay summaries rather than manuscripts alone



Interdisciplinary collaboration – Navigate different technologies that often describe similar scientific ideas



Community engagement – Center community values and priorities, build a shared path to health impact



Granularity & heterogeneity – Attend to variation in exposures and effects, what works, for whom, under what conditions



Core Training Components



Measure well – Use validated instruments for each condition



Design deliberately – Justify inclusion of individual and contextual variables



Interpret rigorously - Distinguish correlation from scientifically justified relevance



Ethical and rigorous interpretation of findings

Building Research Capacity

Mentorship +
coursework

Interdisciplinary
collaboration

Practical
application

Institutional
support



NINR Support of Research Education on Conditions of Daily Life and Health

RFA-NR-24-002

Comprehensive Advancement in Research Education, Training and Scholarship for Addressing the Conditions of People's Life in Health and Well-being (CARES)

The Johns Hopkins Nursing Science Incubator for Systemic Solutions (N-SISS) Preparing Innovators to Address the Conditions of Daily Life

Advanced Research Training in Non-Biological Influences on Health

The Midwest Leadership in Education, Application, and Dissemination of Research to Improve Health (Midwest LEADRs)



NINR Support of Research Education on Conditions of Daily Life and Health

RFA-NR-24-002

**The SARI Program:
Training Nurse Scientists
in Applied Research
Examining Non-Biological
Factors Related to Health**

**Advancing Research
Education on the
Health of New
Americans (AREHNA)**

**A Nursing Program for
Advancing Training in
Health Services (N-
PATHS)**

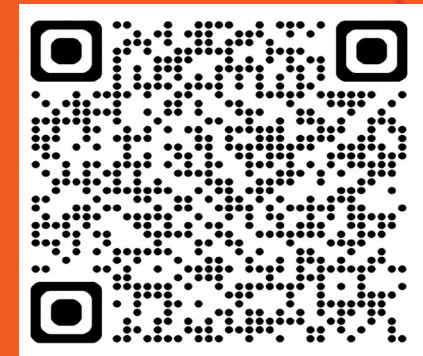
**Advancing Non-Medical
Risk Factor Research
through a CBPR Lens: A
Short Course**



Community-Partnered Nursing Research Centers

PAR-25-439

- Support research centers fostering nursing-led programs that promote community-partnered research
- Establish and strengthen centralized research infrastructure in Schools/Colleges of Nursing
- Enhance nurse-led interdisciplinary teams
- Build expertise in community-partnered research by addressing the conditions of daily life at the root of health challenges



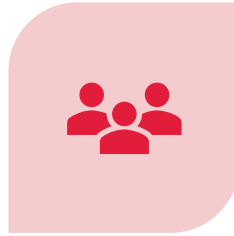
Training Outcomes: What Success Looks Like



JUSTIFY – EVERY VARIABLE
IN THE STUDY DESIGN



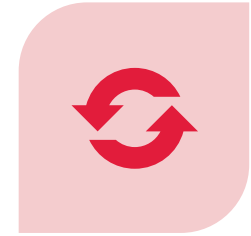
TRANSLATE – FINDINGS
INTO CLINICAL AND
COMMUNITY PRACTICE



COLLABORATE – CROSS-
DISCIPLINARY TEAMS
COMMUNICATE EFFECTIVELY



DIFFERENTIATE – WHO
BENEFITS AND UNDER WHAT
CONDITIONS



SUSTAIN – A PIPELINE
EQUIPPED FOR RIGOROUS
RESEARCH

The Goal: Optimize Health for All

Rigorous science determines which factors matter for a given study



Applies regardless of age, race, ethnicity, sex, or other characteristics



Findings are useful in relation to: how they influence individuals' management of their disease risk and illness; how they support healthy living; and how they translate into clinical care and community practice



When a measurable health difference exists between population groups, use conditions of daily life as a data-driven lens to investigate one, or multiple, pathways for explaining differences

Return to the Bottom Line: Conditions of Daily Life in Practice



Context – Conditions of daily life provide context not conclusions



Rigor – Justification guides every research decision



Capability – Well-trained investigators are the foundation



Impact – Research that optimizes health for all



Acknowledgements

- DESP Program staff
- Mr. David Tilley



THANK YOU!

Questions & Discussion