

המרכז לחקר ולימוד הזיקנה The Center for Research & Study of Aging CRSA المركز لدراسة وتعليم الشيخوخة







From Campus to City and Back: **Building Age-Friendly Environments**

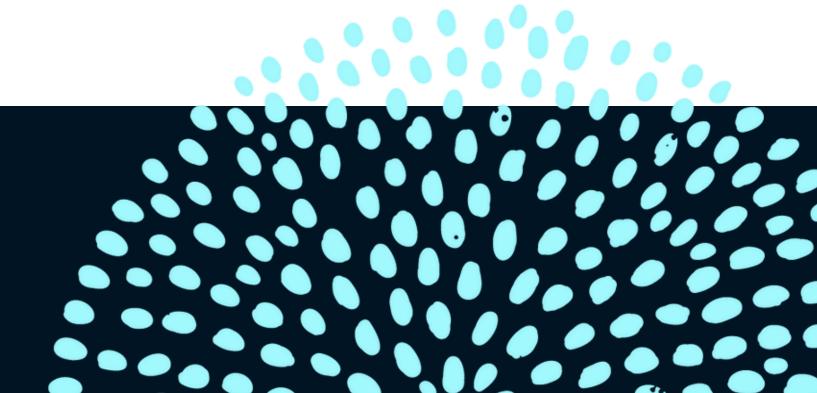








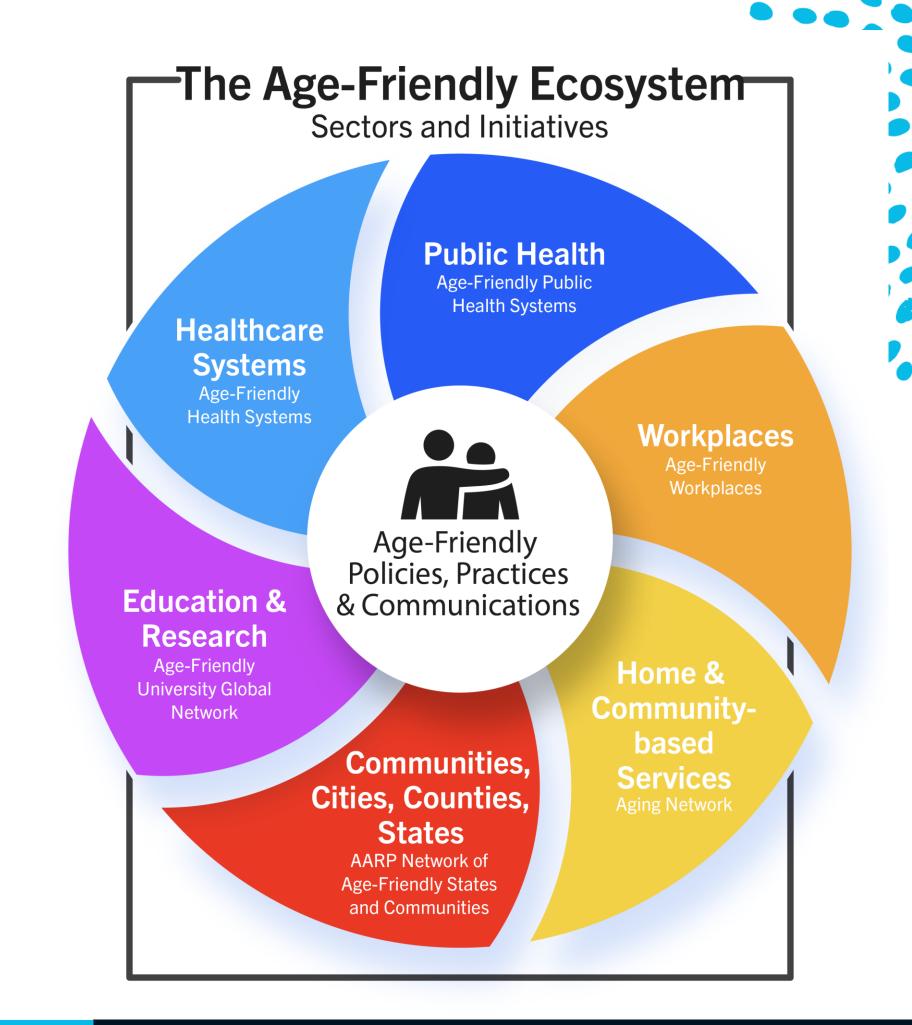
Prof. Nina Silverstein (USA), Prof. Anna Zisberg



Session Goals

- Explore how the AF concept can move beyond academia
- Identify real opportunities to collaborate
- Learn from one another's field experience
- Inspire sustainable and systemic change

Where Might You Make a Difference?



Where Might You Make a Difference?

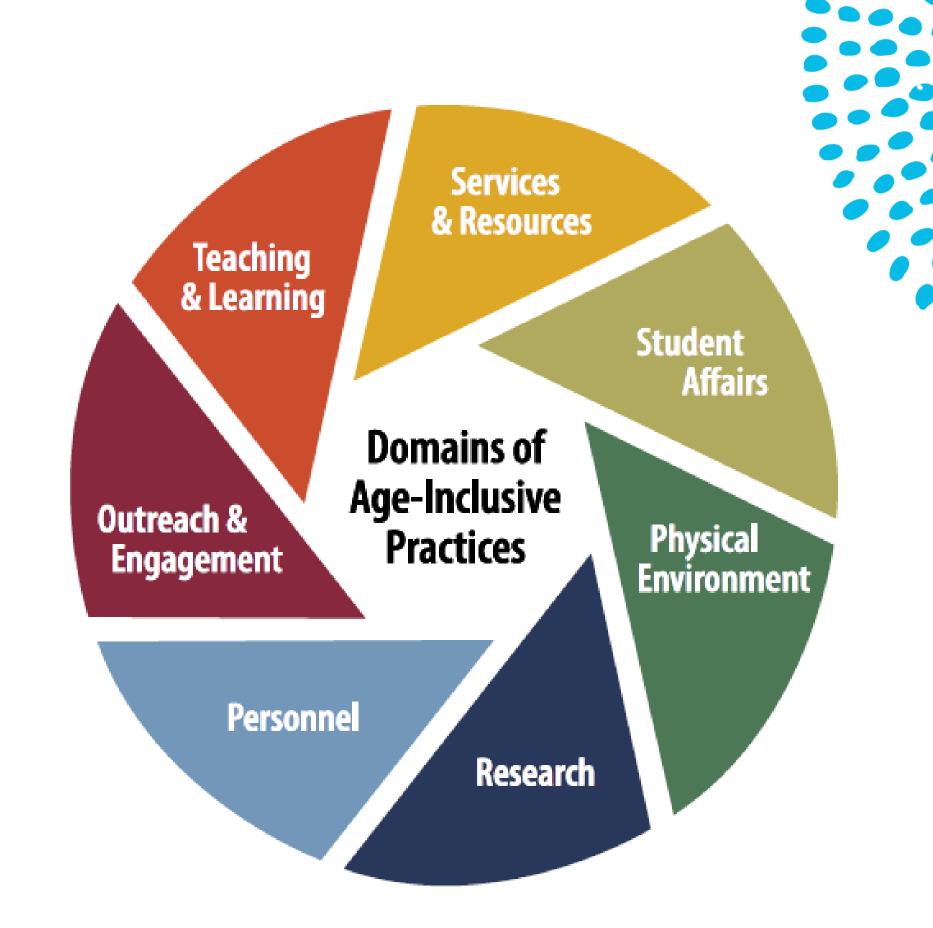


AFU – 10 Guiding Principles

- 1. Participation of older adults in learning and research
- 2. Support for second careers
- 3.Adapted learning to meet the needs of older adults
- 4. Promotion of intergenerational learning
- 5. Access to online learning opportunities
- 6.Aging as part of the university's research agenda
- 7. Education about aging for younger students
- 8. Physical and social accessibility across campus
- 9.Active involvement of retirees in university life
- 10.Inter-organizational collaboration to support aging



Where Might You Make a Difference?





Reflections & Dialogue: Building on Day 1

- Share your own experience with age-friendly environments or their absence
- What did you find most meaningful yesterday? What challenges came up?
- What opportunities for collaboration can you imagine moving forward





Aging independently = A global goal



Promoting and Preserving the Independence of Older Adults While Reducing Dependency



Ensuring mobility through accessible public transportation is a critical enabler of this goal

The study introduced here, seeks to contribute to this discourse by examining mobility patterns and barriers among older adults in a socio-spatially diverse region

Background - Independence vs. Dependency in Old Age

F Preserving independence is a core objective in aging and well-being policies

Functional independence is closely tied to the capacity to navigate one's environment and reach essential services

Dependency results from compounded barriers:

- Physical accessibility
- Economic constraints
- Social exclusion
- Limited access to timely and relevant information

Modes of Mobility in Later Life

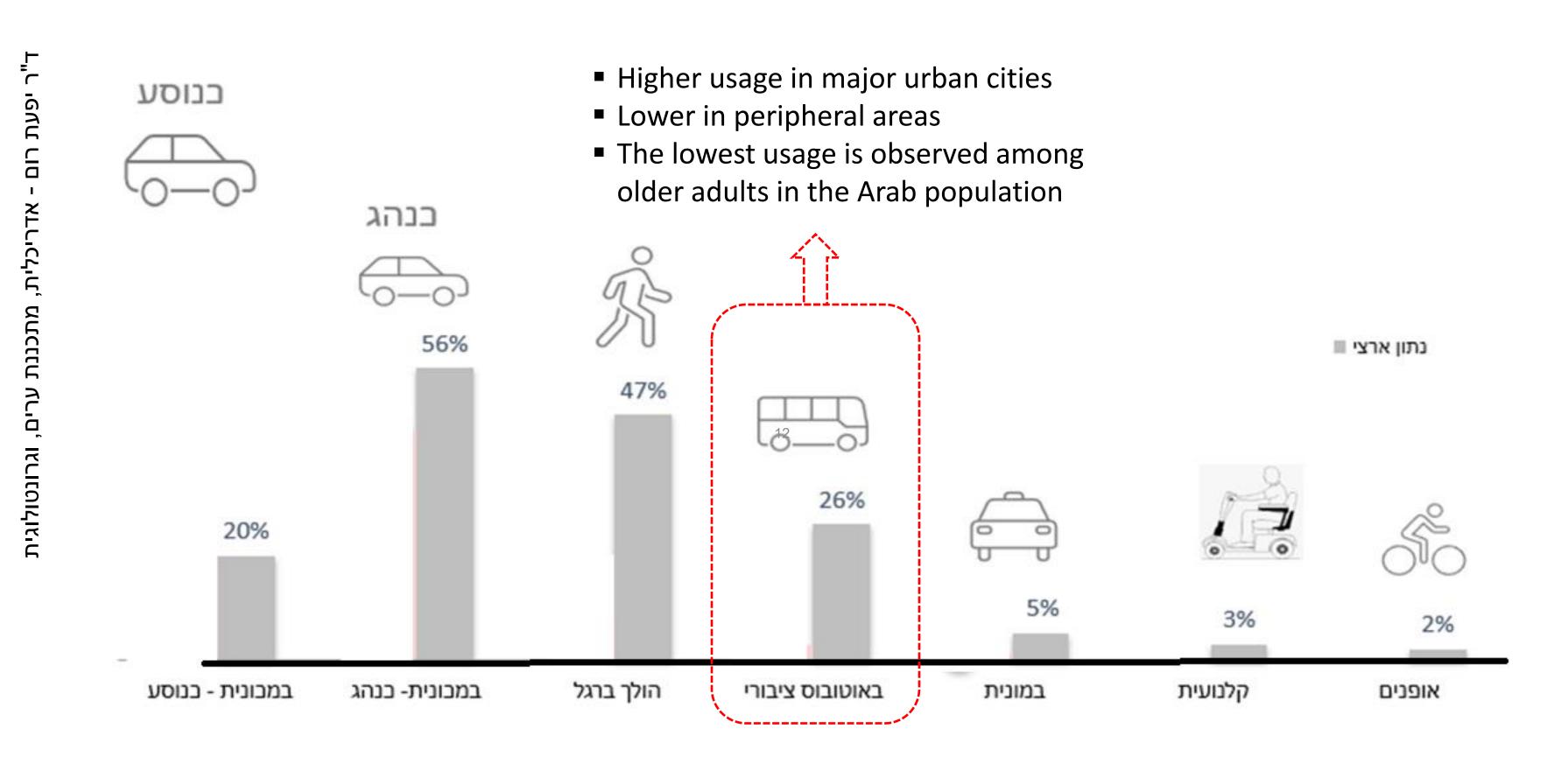
- Walking
- •Driving a private vehicle
- •Being driven by others
- •Other devices:

bicycles, scooters, other adaptive devices, etc.

Public transportation



Public Transportation Use Among Older Adults National Snapshot (JDC survey data –Israel, 2022):



Why a Targeted Study Is Needed

Public transport is key to autonomy in older age

Barriers increase isolation and dependency

Policy requires evidence-based insights

Lack of localized data

13

- mobility data
- Comparative socio-cultural data identifying barriers to public transportation use across various cultures and religions

A Unique Cross-Sector Collaboration - Toward Knowledge Generation

Ministry of Transportation

data provision and analysis

The Social Incubator at the Technion and the Faculty of Industrial Engineering and Management

CRSA

The Center for Research and Study of Aging at the University of Haifa

Data Infrastructure for Public Transport Analysis

Information received directly from the Ministry of Transportation

Bus stop number

Station type: covered, bench, or pole only

validation data:

- Validation Location (geographic coordinates)
- Passenger categories: children, students, soldiers, seniors, general public
- Time of validation: six daily segments, weekdays, months
- Type of bus (including maximum passenger capacity)

Data Infrastructure for Public Transport Analysis

Information retrieved from the Ministry of Transportation's websites

Route data

- Route number
- length
- Number of stops
- Average speed
- vehicle type
- Transfers changing buses within a one-hour window
- Average density



The study will inform transportation planning for aging populations

Goal: equitable, culturally responsive, age-friendly services

Thank you!

Dr. Yifat Rom *Environmental Gerontologist*

yifatrom@gmail.com



עפח אם תסרקו את ה-QR למילוי משוב על הכנס:





סביבות ידידותיות גיל **Age-Friendly Environments**













