The Future of Dementia Care

Insights and Innovation to Inspire Change

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Different perspectives make for more inspired designs.

24 different countries12 different languages50% identify as female







ACADEMIC

RESIDENTIAL

SCIENCE + TECH

SENIOR LIVING

WORKPLACE





Dementia Design

- 1. The Convention
- 2. The Central Model
- 3. The Inclusive Process
- 4. Dementia Design is Everywhere





Australia > Dementia > Mexico



People with Dementia are Disabled by the Environment

Dementia Care - Timeline

» Mental Hospitals

1950

- General Nursing Homes
 - » Institutional

1970

- Special Care Units
 - » Smaller settings
 - » Self centered patient centered



Maristan of Arghun, Aleppo Syria; 1354-1355

Dementia Design principles - Timeline

1987
Fleming +
Bowles

- Small Size
- » Home Like Domestic
- » Easy access to Community
- » Reduction of unhelpful stimulation
- » Highlight of helpful stimulation
- » Visual access
- » Opportunities for Social Interaction
- » Familiar Surrounding

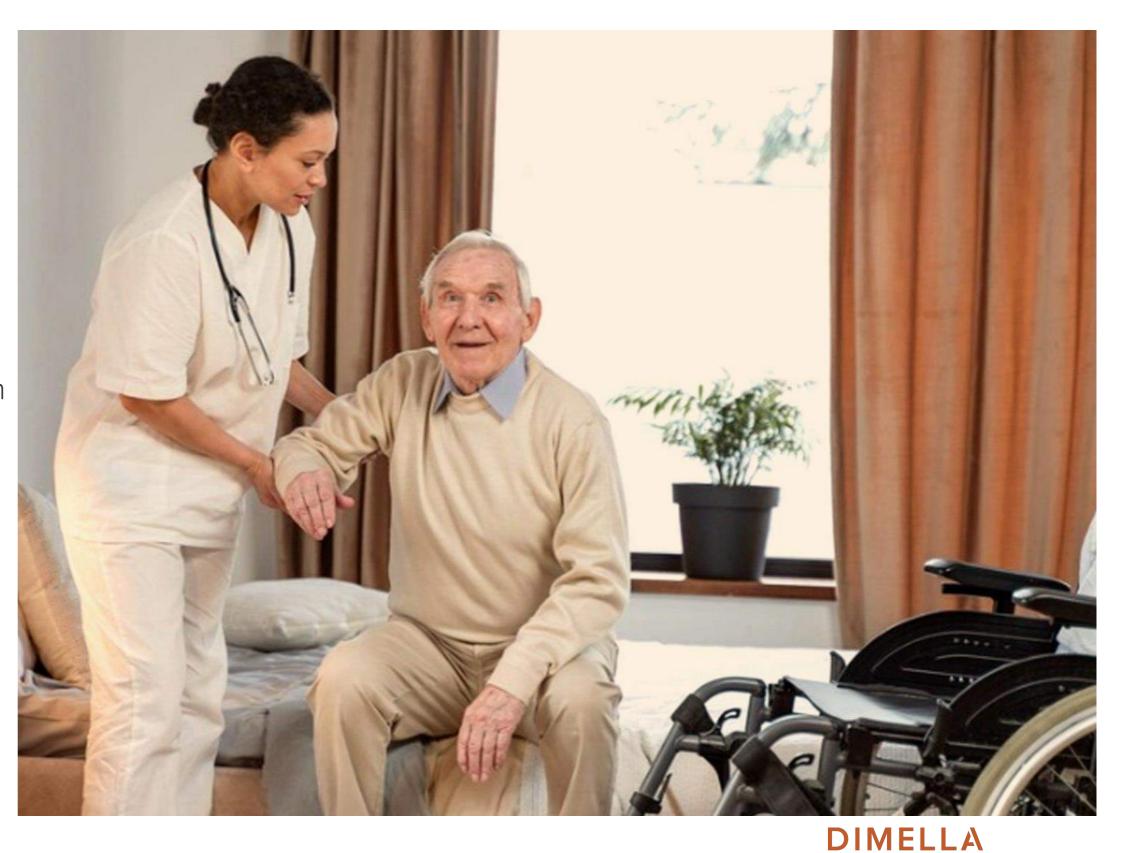
1991 Cohen + Weisman

- Safe and Secure
- » Meaningful Activities
- » Awareness and Orientation

1994

Lawton + Calkins

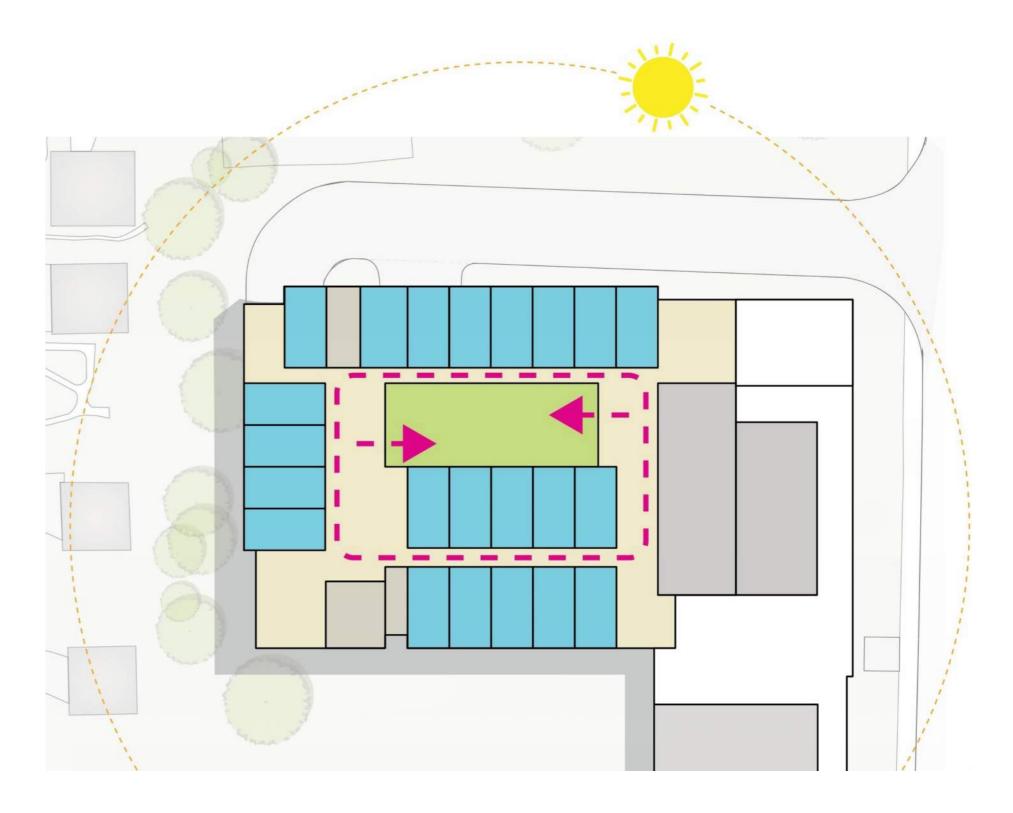
- Exit Control
- » Wandering paths
- » Outdoor Freedom



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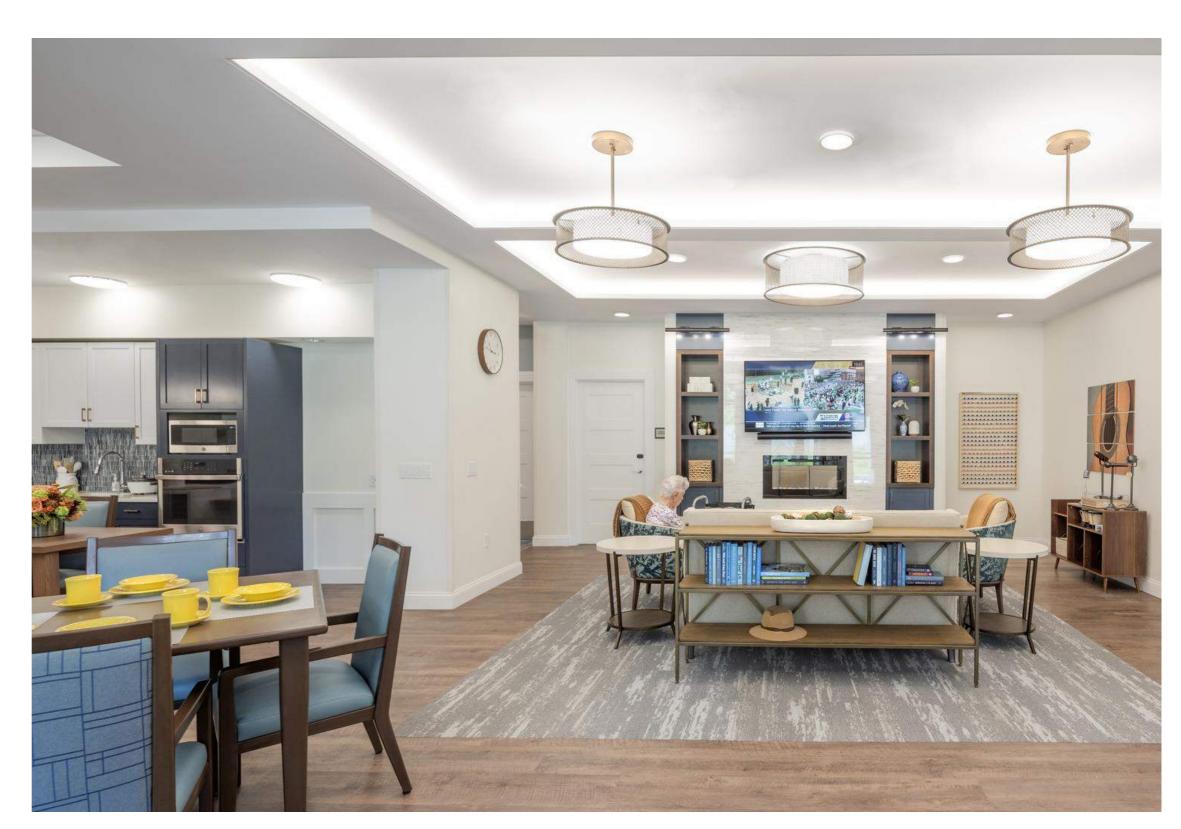
Dementia Design principles – Today (2021)

- » Floor Plan Structure
- » Floor Space
- » Safety
- » Orientation and Wayfinding
- » Spatial Cues
- » Lighting
- Color and Contrast
- » Atmosphere
- » Activation Concepts
- » Stimulation Densities



The Convention

- » Secure Dementia Unit
 - » Specialty Model
 - » High Safety
 - » Small House
 - » Segregated
 - » Dedicated outdoor access



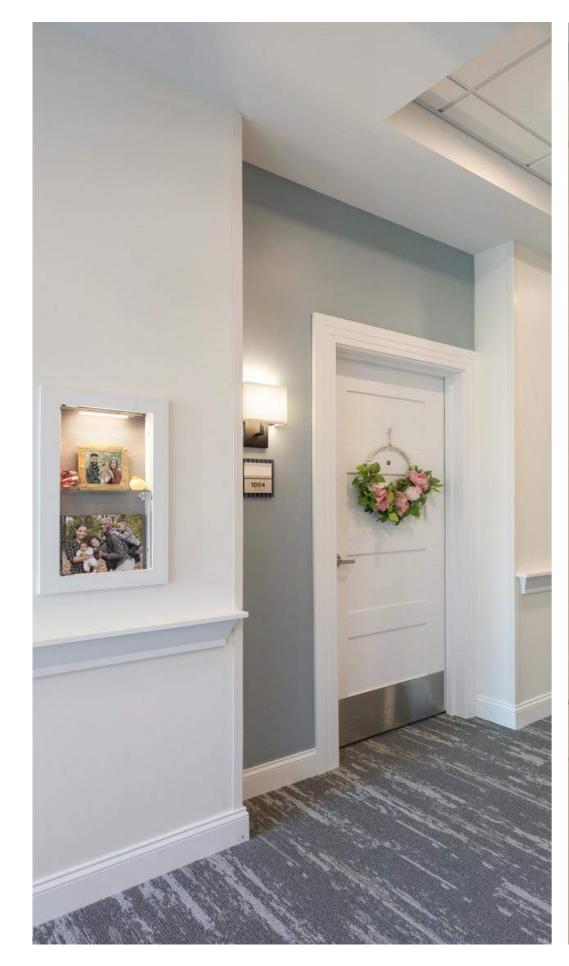




Secure Memory Unit

Delaney at The Vale – Woburn, MA

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Secure Memory Unit

Delaney at The Vale – Woburn, MA

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The Central Model

- The Village
 - » Hogeweyk, Netherlands
 - » Carpe Diem, Norway
 - » Village Landais, France
- The Urban Neighborhood
 - » Rogerson House
- The Life Plan Community
 - The Baldwin







The Village Model
Carpe Diem, Norway

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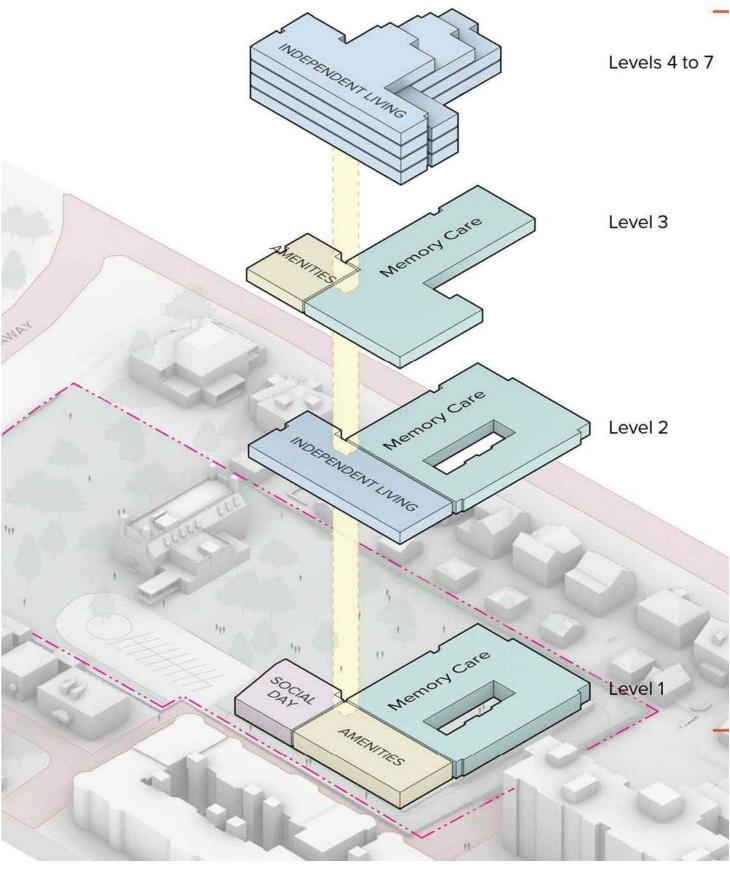




The Village Model
Carpe Diem, Norway

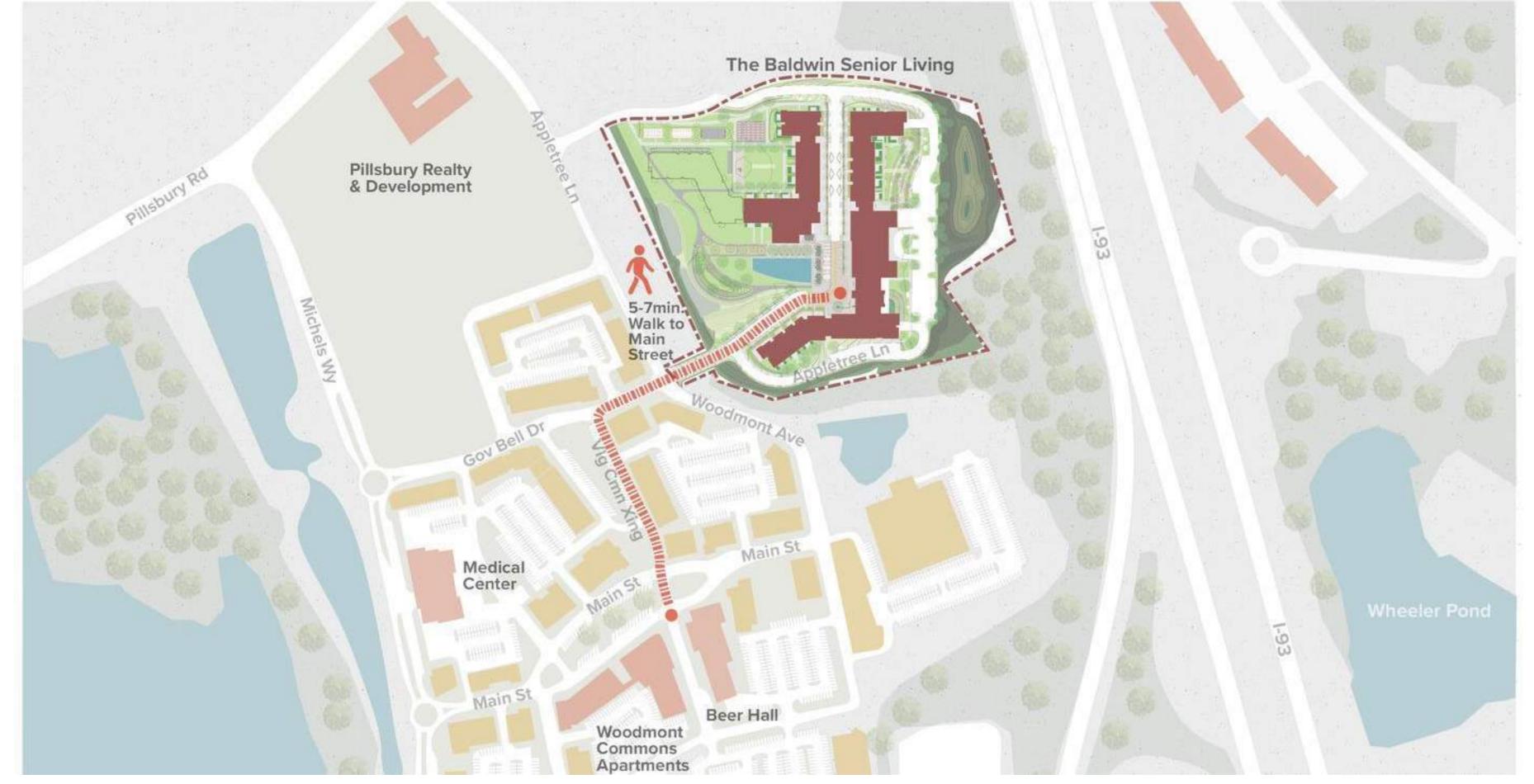
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The Urban Model

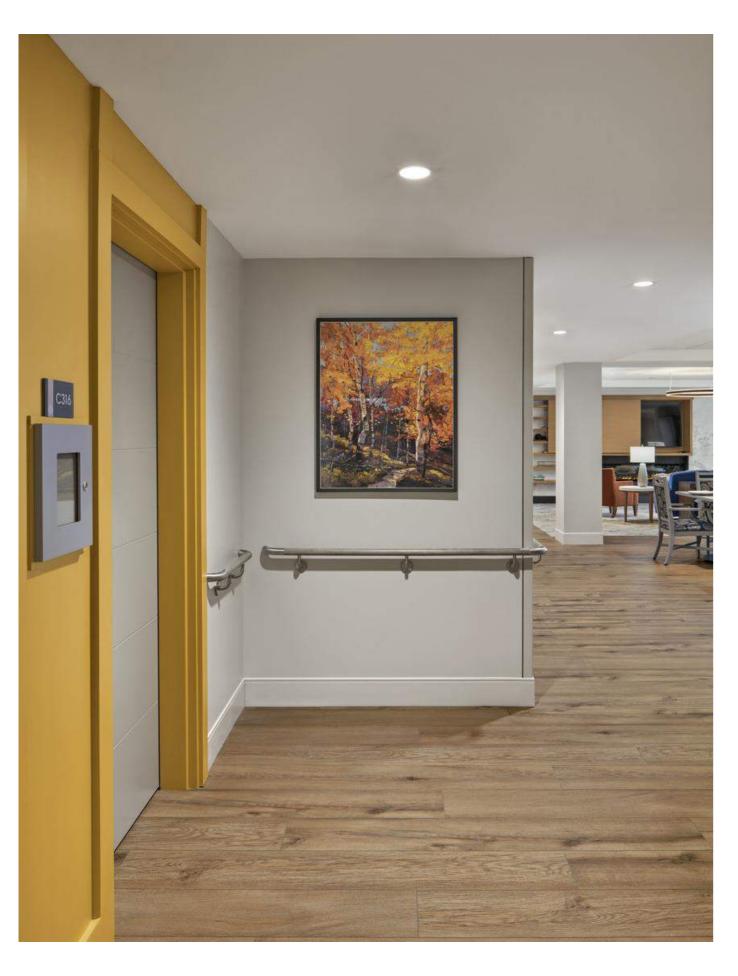
Rogerson House, Boston MA



The Vertical Model



The Vertical Model
The Baldwin, NH





The Vertical Model
The Baldwin, NH

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The Inclusive Process With Diverse People for Diverse People



» Pre-planning

- » Engagement before needing care
 - » Choose home
 - » Participate in activities
 - » Visit
- The Roring Methodology Habion in the Neatherlands engages people in the community and neighborhood about how they imagine getting older

» Codesign

- Including dementia experts by lived in experience
- » Charrettes
- Focus Groups



Dementia Design is Everywhere





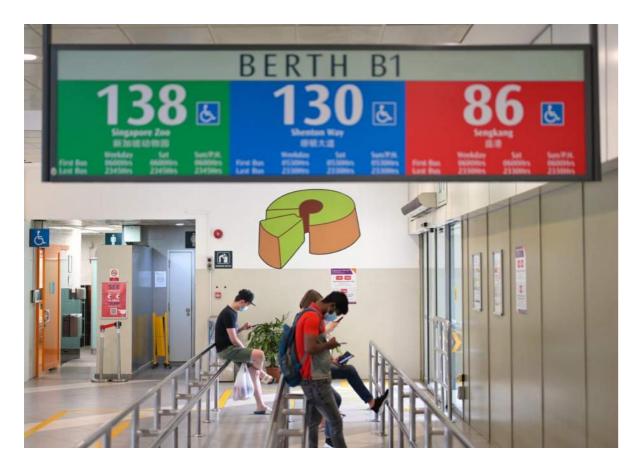
Dementia Design is Everywhere – Singapore Street Art



- » Cultural
- » Clear
- » Consistent



Dementia Design is Everywhere – Singapore Street Art



- » Cultural
- » Clear
- » Consistent





Dementia Design is Everywhere - Toilets

- Easy to find
- » Accessible
- » Easy to use
- » Can you see well inside
- What do you hear
- » Cleanliness







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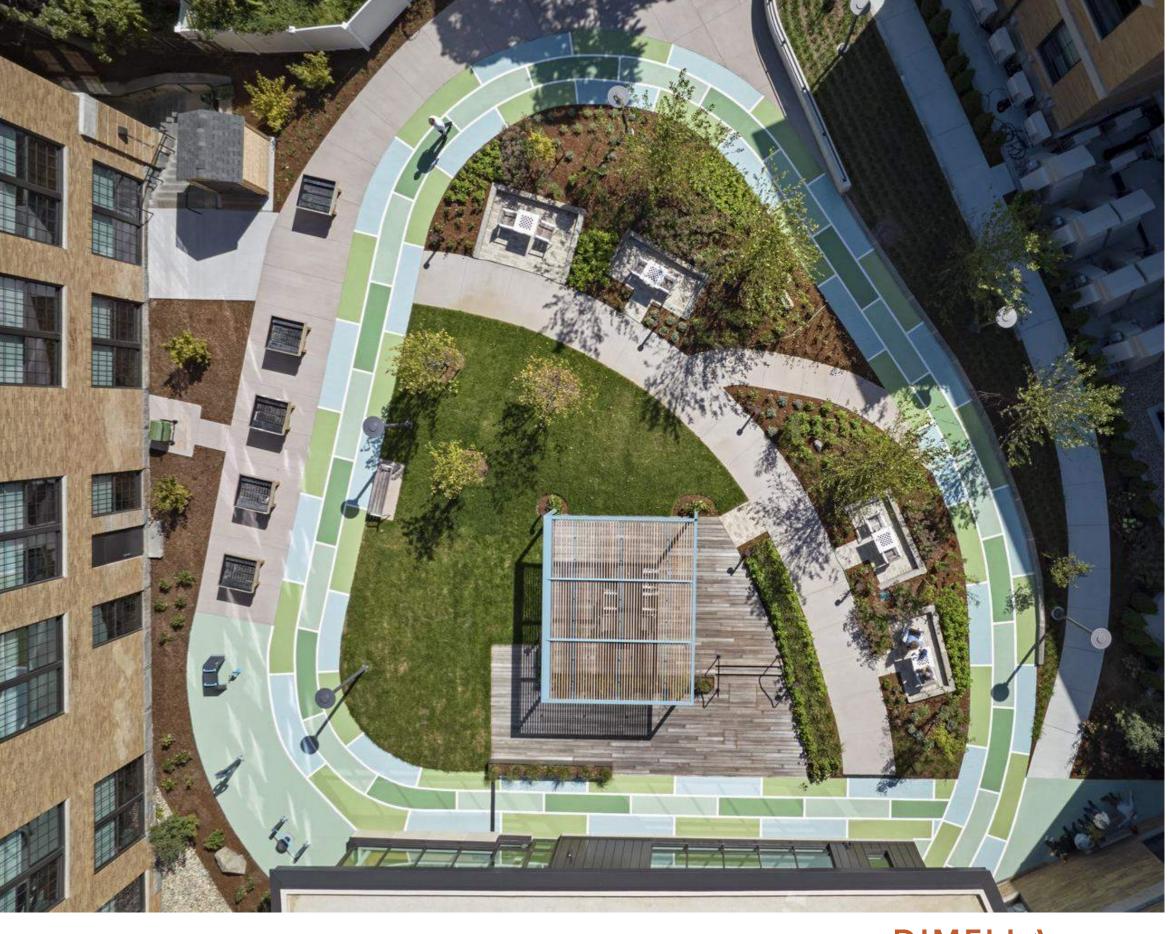
^{*} From case study in Scotland to gather transport related toilet provisions

Dementia Design is Everywhere – Care Farms

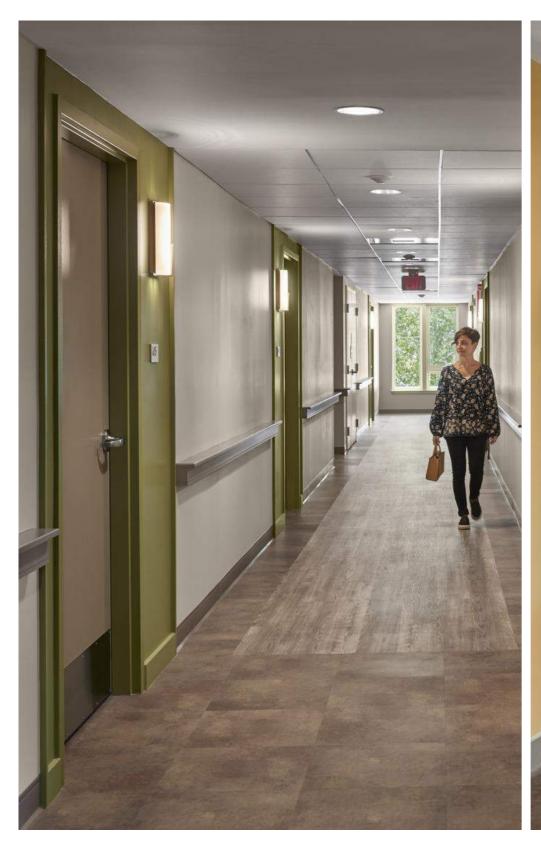






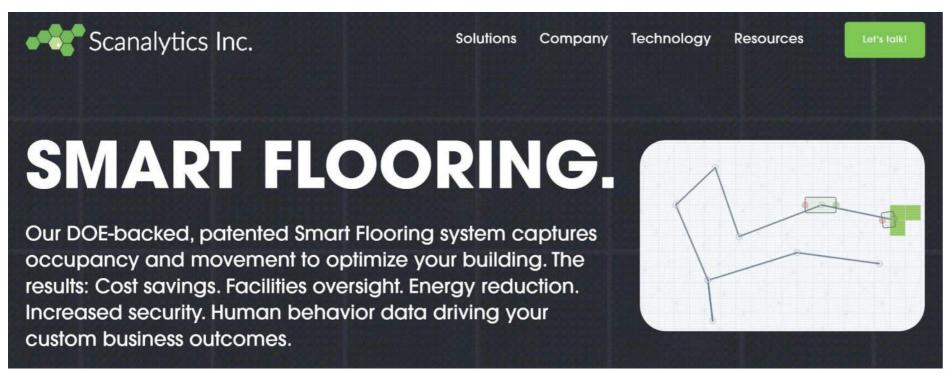


The Pryde Outdoors





Dementia Design is Everywhere -









Capture

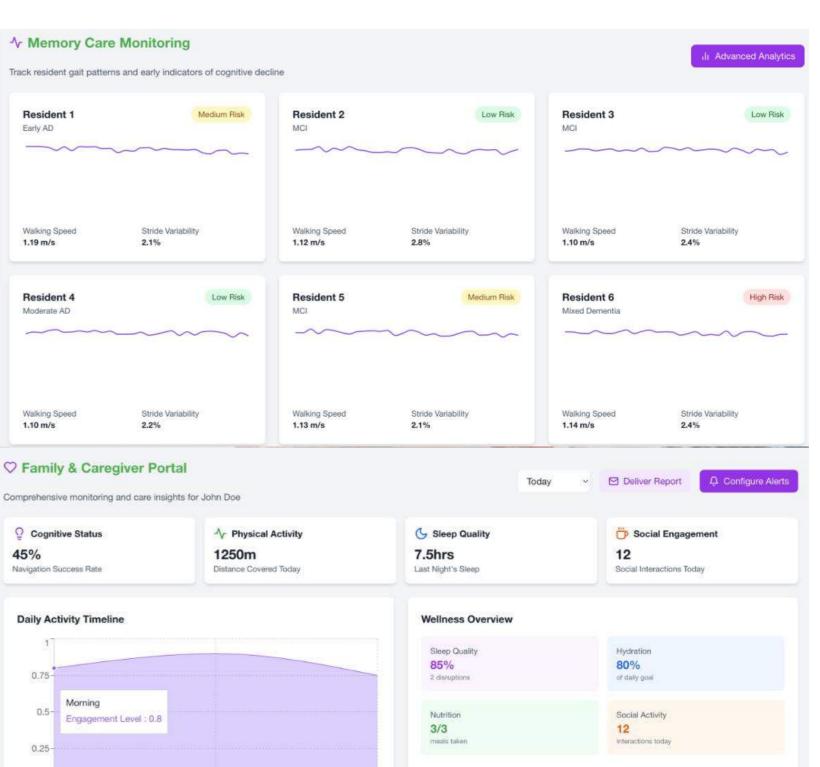
Scanalytics sensors live under your flooring and capture up to 100% of the traffic in your spaces and buildings, anonymously and out-of-sight.

Integrate

Easily connect your building management system to data to accurately measure occupancy-driven HVAC controls, security alerts, and more.

Optimize

Leverage our technology and data driven insights in your spaces to improve building efficiency, reduce costs, boost productivity, all privately and instantly.



Morning

Afternoon

- Engagement Level

Partnering with people living with dementia and care partners in research

Joan K. Monin

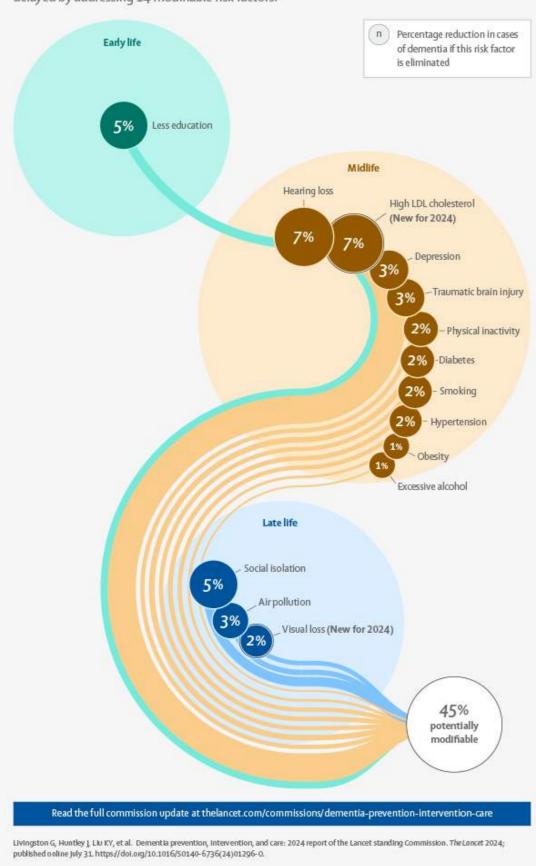
Associate Professor

Director of the Social Gerontology and Health Lab

Yale School of Public Health

Risk factors for dementia - 2024 update

The 2024 update to the standing Lancet Commission on dementia prevention, intervention, and care adds two new risk factors (high LDL cholesterol and vision loss) and indicates that nearly half of all dementia cases worldwide could be prevented or delayed by addressing 14 modifiable risk factors.



THE LANCET

The best science for better lives

THE FINGER MODEL

- Reducing the risk of cognitive decline

Healthy food

Your brain needs balanced and nutritious food. The brain's weight represents 2% of our body weight but uses 25% of our total energy.

Mental stimulation

Your brain is flexible and resilient. It can and should be trained throughout our lives.



Physical activity

Regular physical activity is essential for your body and brain. Try to include a mix of cardio, strength, and balance training.

Cardiovascular risk factors

What is good for your heart is good for your brain. Get regular check-ups of blood pressure, cholesterol, blood glucose, and body weight, and treat unwanted values.

Social activities

Social activities do good for our brain health. We also need recovery and rest.

Fingers Brain Health Institute https://fbhi.se/

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Residences Programs Support Membership LiveWell Institute 🔎



The Yale School of Public Health, LiveWell Institute, and Empowering Partnerships welcome

Human Forever, an award-winning documentary, to the U.S. for the first time.

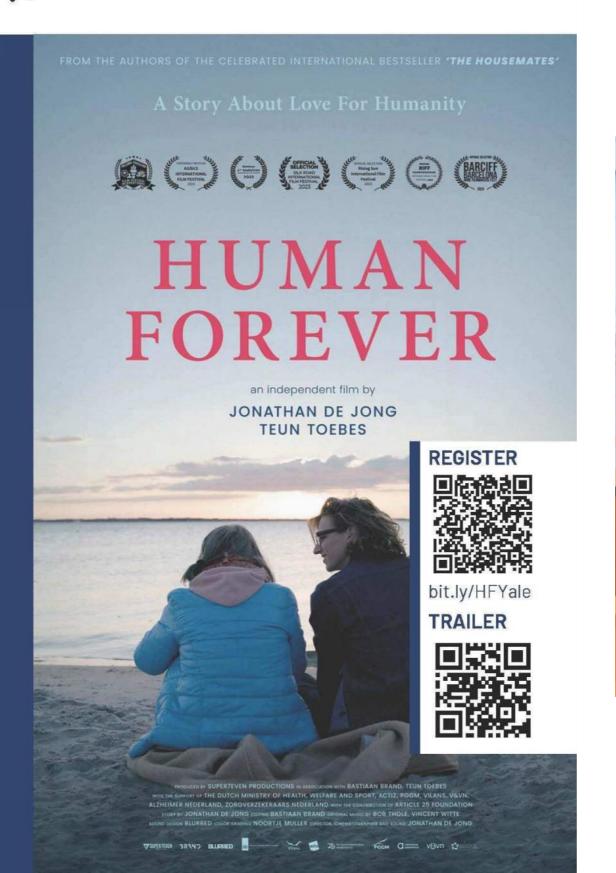
Monday, Oct. 28 Winslow Auditorium

Screening: 5-6:30pm

Dinner & Discussions: 6:30-8pm

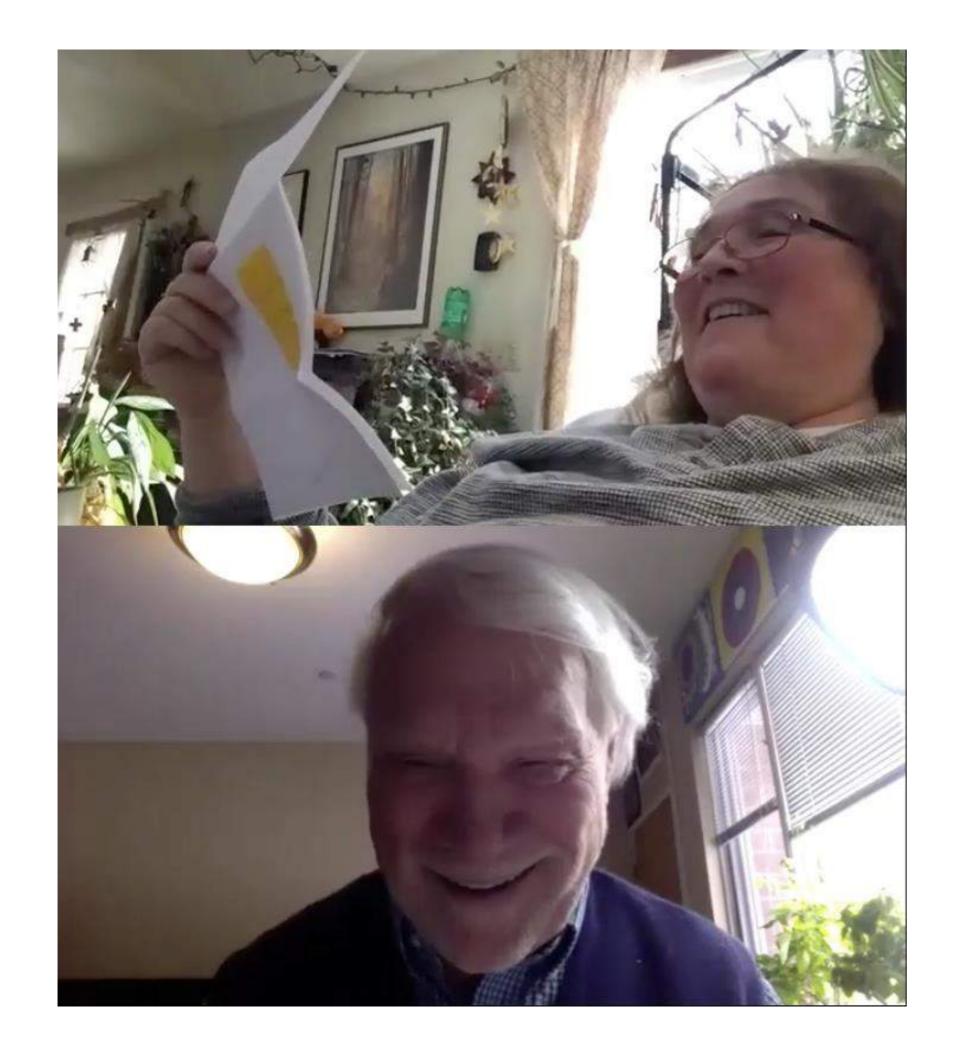
Following the film, we invite you for dinner and discussions about a **Dementia Positive** movement with people with lived experience, the author activist, and filmmakers.

Yale SCHOOL OF PUBLIC HEALTH









Families Coping Together with Alzheimer's Disease (FACT-AD) Study

R01AG058565

Social Gerontology and Health Lab projects with the Empowering Partnerships Network

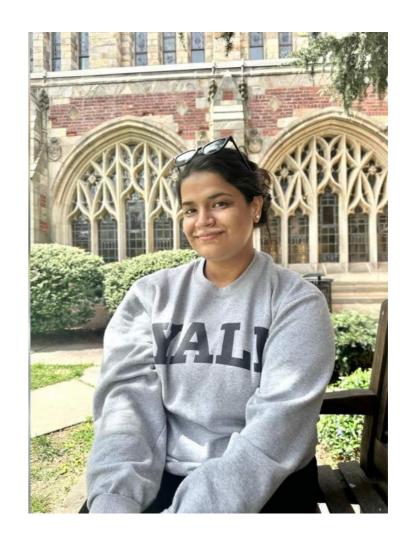












OUR MISSION



Lead transformation in self and society by re-imagining and changing how we age







Pioneer services and experiences that empower people impacted by dementia Advance thought leadership, education, research, and advocacy to transform how we age

QWERTY





























































Please follow up with any questions.

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