



AGENDA

MELODEM PROGRESS MEETING

June 28th - June 30th, 2022

Château Suduiraut, France

Please note that all times are listed in Central European time.

TUESDAY, JUNE 28TH

4:30 pm

Progress Meeting participants shuttle from Bordeaux Saint-Jean train station to Château (optional)

5:30 pm

Progress Meeting participants check-in at the venue

7:30 - 10:00 pm

Welcome Dinner

WEDNESDAY, JUNE 29TH

9:30 - 9:45 am

Session 1: Modeling Biomarker Data (9:30 - 11:00 am)

Discussant: Deborah Blacker

Accelerated failure time (AFT) and other models for long term progression
Terry Therneau | Mayo Clinic

9:45 - 10:00 am

Discussion

10:00 - 10:15 am

"Validity and performance of blood biomarkers for Alzheimer's disease to predict dementia risk in a large clinic-based cohort"

Vincent Planche | Institute of Neurodegenerative Disorders, CNRS UMR 5293, Bordeaux University

10:15 - 10:30 am

Discussion

10:30 - 10:45 am

Prediction of individual risk of dementia in the elderly based on repeated magnetic resonance imaging

Ariane Bercu | Bordeaux Population Health

10:45 - 11:00 am

Discussion

11:00 - 11:30 am

- Coffee Break -



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	<p>Session 2: Bringing a public health lens to ADRD research: how do we decide what to measure and what to prioritize for interventions? (11:20 am - 1:20 pm) Discussant: Jen Manly Columbia University</p>
11:30 - 11:50 am	<p>Assessing racial/ethnic disparities in dementia through a public health lens Elizabeth Rose Mayeda University of California, Los Angeles Fielding School of Public Health</p>
11:50 am - 12:05 pm	<p>Lifecourse factors & brain health in midlife Indira Turney Columbia University Medical Center</p>
12:05 - 12:20 pm	<p>Discussion</p>
12:20 - 12:35 pm	<p>Associations of Neighborhood Disinvestment and Gentrification with Cognitive Decline: the Health and Retirement Study Kendra Sims University of California, San Francisco</p>
12:35 - 12:50 pm	<p>Discussion</p>
12:50 - 1:05 pm	<p>"Examining relationships between structural determinants and cognitive aging inequalities" Justina Avila-Rieger Columbia University Medical Center</p>
1:05 - 1:20 pm	<p>Discussion</p>
1:20 - 3:00 pm	<p>- Lunch -</p>
	<p>Session 3: Emerging data sources (3:00 - 4:30 pm) Discussant: Rob Warren University of Minnesota</p>
3:00 - 3:15 pm	<p>The Perils and Potential of Using VA EHR for Dementia Research in Long-Term Care Residents Michelle Odden Department of Epidemiology and Population Health, Stanford School of Medicine</p>
3:15 - 3:30 pm	<p>Discussion</p>
3:30 - 3:45 pm	<p>Computational approaches to connected speech and language in dementia Jet Vonk Memory and Aging Center, Department of Neurology, University of California San Francisco (UCSF)</p>
3:45 - 4:00 pm	<p>Discussion</p>



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4:00 - 4:15 pm

Session 3 continued...

"Pathway to Diagnosis of Alzheimer's Disease and Related Dementias: An Analysis of Electronic Health Records"

Hanzhang Xu | Duke University School of Medicine

4:15 - 4:30 pm

Discussion

4:30 - 5:00 pm

- Coffee break -

Session 4: Outcome Measurement (5:00 - 6:00 pm)

Discussant: Suzanne Judd | University of Alabama, Birmingham

5:00 - 5:15 pm

"Link, transport, integrate: a Bayesian latent class mixture modeling framework for scalable algorithmic dementia classification in population-representative studies"

Crystal Shaw | UCLA Fielding School of Public Health, Department of Biostatistics

5:15 - 5:30 pm

Discussion

5:30 - 5:45 pm

"Triangulating criteria for dementia diagnosis in cross-national research"

Alden Gross | Johns Hopkins Bloomberg School of Public Health

5:45 - 6:00 pm

Discussion

7:30 - 10:00 pm

- Dinner -

End of Day 1



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THURSDAY, JUNE 30TH

9:30 - 9:45 am

Session 5: Dementia research through a public health lens: common structural exposures (9:30 - 10:30 am)

Discussant: Carole Dufouil | University of Bordeaux

"Using four-way decomposition mediation analysis to investigate the relationship between racialized experience, lead exposure, and later-life cognitive outcomes and Alzheimer's-related mortality"

Tara Jenson | University of Wisconsin - Milwaukee

9:45 - 10:00 am

Discussion

10:00 - 10:15 am

"Does (Re-)Entering the Labor Market at Advanced Ages Protect Against Cognitive Decline? A Panel-Matching Difference-in-Differences Approach"

Jung Hyun Kim | University of Luxembourg

10:15 - 10:30 am

Discussion

10:30 - 11:00 am

- Coffee Break -

Session 6: Screening implications (11:00 am - 12:00 pm)

Discussant: Maria Glymour | University of California, San Francisco

11:00 - 11:15 am

"Preclinical Alzheimer's Disease: Early Diagnosis or Overdiagnosis?"

Ken Langa | University of Michigan

11:15 - 11:30 am

Discussion

11:30 - 11:45 am

"Screening for Dementia and Alzheimer's Disease"

Paul Crane | University of Washington

11:45 am - 12:00 pm

Discussion

12:00 - 1:30 pm

- Lunch -



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1:30 - 1:45 pm

Session 7: Simulations to understand biases in dementia research (1:30 - 3:00 pm)

Discussant: Anaïs Rouanet | Bordeaux Population Health Research Center -

"Transportability in dementia research"

Eleanor Hayes-Larson | UCLA Department of Epidemiology

Discussion

1:45 - 2:00 pm

2:00 - 2:15 pm

"Simulation-based tools for differential selection in studies of older adults: Opportunities and challenges"

Ryan M. Andrews | Boston University School of Public Health

Discussion

2:15 - 2:30 pm

2:30 - 2:45 pm

"Can we overcome data gaps in life course epidemiology with longitudinal synthetic cohorts"

Katrina Kezios | Columbia University Mailman School of Public Health

Discussion

2:45 - 3:00 pm

3:00 - 3:30 pm

Session 8: Closing Session

MELODEM leadership team

5:30 pm

Check out by 5:30 pm

5:30 pm

Shuttle bus from Château to Bordeaux Saint-Jean train station (optional)

8:00 pm

Dinner at Le Cafe Duport (optional w/reservation)



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MELODEM leadership team

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