REVES@30
Past, Present, and Future Trends in Population Health

May 30 - June 1, 2018

Institute for Social Research
University of Michigan
Ann Arbor, Michigan USA

Hosted by the University of Michigan and TRENDS Network
<table>
<thead>
<tr>
<th>CONTENTS</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome to the REVES/TRENDS conference</td>
<td>3</td>
</tr>
<tr>
<td>Useful Information</td>
<td>4</td>
</tr>
<tr>
<td>Conference Location</td>
<td>4</td>
</tr>
<tr>
<td>Conference Dinner Location and Poster Session</td>
<td>4</td>
</tr>
<tr>
<td>Transportation from Airport</td>
<td>5</td>
</tr>
<tr>
<td>What To Do in Ann Arbor</td>
<td>5</td>
</tr>
<tr>
<td>Preconference Analysis Workshop</td>
<td>6</td>
</tr>
<tr>
<td>Conference Program</td>
<td>7</td>
</tr>
<tr>
<td>Day 1 – Wednesday May 30th</td>
<td>7</td>
</tr>
<tr>
<td>Day 2 – Thursday May 31st</td>
<td>9</td>
</tr>
<tr>
<td>Day 3 – Friday June 1st</td>
<td>10</td>
</tr>
</tbody>
</table>
WELCOME TO THE REVES/TRENDS CONFERENCE

We are pleased to be hosting the 2018 REVES/TRENDS conference at the Institute for Social Research (ISR) at the University of Michigan. ISR is among the world’s largest and oldest academic survey research organizations and is home to the Population Studies Center, the Michigan Center on the Demography of Aging (MiCDA), and the National Archive of Computerized Data on Aging (NACDA). The University of Michigan celebrated the 200th anniversary of its founding last year. We hope you will have a chance to walk around the campus and meet up with colleagues who you may already know or want to meet here.

Ann Arbor is a vibrant university town, with much to offer in the way of outdoor recreation, arts and culture, shopping and dining. The town is especially pleasant this time of year when most of the students are away for the summer and the trees and flowers are in bloom. We have provided some suggestions for things to do in/around town a bit later in this program.

The conference is a joint meeting of the REVES and TRENDS research networks. Réseau Espérance de Vie en Santé (REVES) is an international network on health expectancy and the disability process. The REVES network was set up in 1989 by the French National Institute of Health and Medical Research (INSERM, Montpelier), the Social Affairs Council, Quebec, Canada, and the Center for Demographic Studies, Durham, North Carolina, United States. Jean-Marie Robine is a founding member and serves as coordinator for the network.

TRENDS is a network of international researchers working to accelerate scientific understanding of old-age disability and health trends. TRENDS was established by Bob Schoeni in 2005 and is supported by the National Institute on Aging through MiCDA.

This year’s conference is the 30th annual meeting of the REVES network and the 14th meeting of the TRENDS network.

Many people have helped make this meeting possible. We would especially like to thank Carol Jagger at Newcastle University and Lois Verbrugge at the University of Michigan for serving on the Program Committee, and also Rachel Hils and Britney Roughan at Mount Saint Vincent University and Violet Elder, Anna Beattie-Massey, Amanda Houston, and Carolyn Batts at the University of Michigan for their support with administrative and logistical arrangements for the meeting.

And thanks to you for attending! We hope you enjoy the conference and your time in Ann Arbor.

Mary Beth Ofstedal  Zachary Zimmer  Bob Schoeni

Conference Organizers
USEFUL INFORMATION

CONFERENCE LOCATION
The 2018 REVES conference will be held at the Institute for Social Research (ISR) at the University of Michigan in Ann Arbor, in Room 1430 on the ground-level floor.

Address:
Institute for Social Research
University of Michigan
426 Thompson Street
Ann Arbor, MI 48106-1248

CONFERENCE DINNER LOCATION AND POSTER SESSION
A strolling dinner and poster session will be held at the University of Michigan Museum of Art on Wednesday evening, May 30th, 6:30-8:00pm. The art museum is 2 blocks from ISR.

Museum galleries will be open for viewing by conference attendees from 6-8pm. Visit http://umma.umich.edu/ to find out what exhibits will be on display.

Address:
525 South State Street
Ann Arbor, MI
TRANSPORTATION FROM AIRPORT

The ‘Michigan Flyer’ travels between the Detroit Metro Airport and Ann Arbor, leaving from the ground transportation garage (Stall #1 and Stall #5), departing roughly every 60 to 90 minutes from 6AM to 10:30PM. It will drop passengers off at the Blake Transit Center – 328. S Fifth Ave, Ann Arbor. From there it is a 6 -10 minute walk or a 3-5 minute car ride to the Institute for Social Research, or about 5 more minutes’ walk to the main University of Michigan Campus. The current fare one way is $12, with slight discounts for round trip and advance purchases.

There is a taxi company that operates out of the Detroit Airport. It is called Metro Cars and the current fare is $55 (without tip) to Ann Arbor.

WHAT TO DO IN ANN ARBOR

- Take in nature at the Matthaei Botanical Gardens and Nichols Arboretum, summer hours begin on May 26th and they are open 7 days a week.
- Visit the historic Kerrytown Neighborhood. Check out the events listing on the webpage for local celebrations and festivals. Kerrytown is home to a farmer’s market (Wednesdays and Saturdays) and other shopping, restaurants, specialty food stores, arts, entertainment, and more!
- Enjoy a show at the Michigan Theater, one of Michigan’s most historic theaters in downtown Ann Arbor. Cinetopia Film Festival is hosted at the theater and runs from May 31-June 10 this year.
- Check out the unique galleries and gift shops in downtown Ann Arbor (Main Street area). Or if you are in search of a good book, check out Literati, Aunt Agatha’s, or the Westside Book Shop.
- For University of Michigan apparel or souvenirs, shop at the MDen (stores located on State Street and at Briarwood Mall) or the University of Michigan Bookstore (Michigan Union).
- Visit the University Of Michigan Museum Of Art, considered to be among the best university art museums in the United States, which hosts a variety of art genres, including an especially good collection of Asian art.
- Whether with kids or on your own, the Michigan Museum of Paleontology has something interesting for all ages.
- If with family, visit the Ann Arbor Hands-On Museum.
- Enjoy a canoe ride down the Huron River or paddle-boating or kayaking at Gallup Park in Ann Arbor.
- Ann Arbor is approximately 1 hour west of Detroit and 1 hour southeast of Lansing, the capital of Michigan, making either an easy afternoon or day trip.
- Take in a Detroit Tigers major league baseball game in downtown Detroit. They have home games every day between May 25-June 3.
- Take a trip to see one of the great lakes – Lake Erie is about 1 hour outside of Ann Arbor.
- For more to do, the Ann Arbor Observer regularly posts events happening in the area.
PRECONFERENCE ANALYSIS WORKSHOP

Pre-REVES meeting workshop on software to compute health expectancy: IMaCh & SPACE

Date: May 29, 2018
Time: 9:30am - 5:00pm
Venue: Institute for Social Research, University of Michigan, Room 1450
Cost: $50 USD

Registration for both the conference and the workshop will open in early March. If you are interested in securing a spot in the analysis workshop, please email Mary Beth Ofstedal at mbo@umich.edu with the subject "REVES Analysis Workshop".

Instructors: Nicolas Brouard (INED, France), Chi-Tsun Chiu (Academia Sinica, Taiwan) and Yasuhiko Saito (Nihon University, Japan)

There are few software packages available to compute health expectancy based on a multistate life table method using longitudinal survey data. In the workshop we introduce two such software packages:

IMaCh 0.99 (Maximum Likelihood Computer Program using Interpolation of Markov Chains) developed by Prof. Nicolas Brouard and his colleagues at INED, France. We will distribute necessary files to participants beforehand and install the software at the beginning of the workshop together. [http://euroreves.ined.fr/imach/](http://euroreves.ined.fr/imach/)

SPACE (Stochastic Population Analysis for Complex Events) developed initially by Dr. Liming Cai, National Center for Health Statistics at the time and colleagues, and now maintained by Dr. Chi-Tsun Chiu at Academia Sinica, Taiwan). SPACE is a collection of SAS programs to compute multistate life tables via microsimulation, with bootstrapped inference. Therefore, we need participants to install SAS in their PC before they come to the workshop. Necessary products to be installed are BASE, STAT and IML. [http://sites.utexas.edu/space/](http://sites.utexas.edu/space/)

We will compute health expectancy using these two software packages and the same longitudinal survey data. Then, we will discuss differences in the two.

Schedule:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 - 10:30</td>
<td>Introduction to IMaCh</td>
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<td>10:30 - 10:40</td>
<td>Short break</td>
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<td>10:40 - 12:10</td>
<td>Running IMaCh</td>
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<td>12:10 - 1:10</td>
<td>Lunch</td>
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<td>1:10 - 2:10</td>
<td>Introduction to SPACE</td>
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<td>2:10 - 2:20</td>
<td>Short break</td>
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<tr>
<td>2:20 - 3:50</td>
<td>Running SPACE</td>
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<td>3:50 - 4:00</td>
<td>Short break</td>
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<td>4:00 - 5:00</td>
<td>Discussion</td>
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</table>
CONFERENCE PROGRAM

Early Registration, Tuesday, May 29th, 4:00-6:00pm, ISR Atrium

DAY 1 – WEDNESDAY MAY 30TH

Registration begins 8:00

9:00-9:30 - Welcome and Introduction
Mary Beth Ofstedal, Conference Organizer
Vicki Freedman, Director of MiCDA and TRENDS network member

9:30-11:00 – Session 1. Past, present and future trends in population health, part 1
Chair: Linda Martin
1. Eileen Crimmins “Changing disease onset in two cohorts from the Health and Retirement Study”
4. Tim Riffe “Healthy lives: Delayed onset, improved recovery, or mortality change?”

11:00-11:30 Coffee Break and pictures

11:30-12:45 – Session 2. A global look at risk factors
Chair: Roberto Ham-Chande
1. Henrik Brønnum-Hansen “The impact of smoking on expected lifetime without and with chronic disease among Palestinian men in the West Bank: a cross-sectional study”
2. Andrew Kingston “The impact of obesity on disability free life expectancies in older Australians”
3. Nadia Minicuci “Alcohol consumption In older adults: results from SAGE, ELSA, HRS, and SHARE.”

12:45-1:45 Lunch on site

1:45-3:15 Session 3. Developments in measures and methods, part 1
This is a special session dedicated to the memory of longstanding REVES member Jan Barendregt
Chair: Kyriakos Markides
1. Dorly Deeg “Self-rated health: when and how to use it in studies among older people?”
2. Marc Luy “Could the actual decrease in life expectancy be caused by "Tempo Effects"?”
4. Nicolas Brouard “The new Interpolated Markov Chain software (IMaCh 0.99) - backward prevalence from Italian SILC and French HID surveys - time varying covariates from the American HRS survey”

3:15-3:45 Coffee Break

3:45-5:15 Session 4. Exploring social inequalities in health
This is a special session dedicated to the memory of longstanding REVES member Marti Parker
Chair: Dorly Deeg
1. Emmanuelle Cambois “Does a long-term harm of women/men-like occupational trajectories contribute to the women’ health disadvantage?”
3. Etienne Duim “Inequalities in trajectories of functioning in dwelling-living older adults in two developing countries: Brazil and Chile”

6:30-8:00 Dinner and Poster Session
Wednesday May 30th 6:30 - 8:00PM

Poster Presentations:

Chair: Zachary Zimmer and Mary Beth Ofstedal

2. Bussarawan Puk Teerawichitchainan “Sensory impairments among older persons in Myanmar, Vietnam, and Thailand: Implications for functioning and health”
4. Toshiyuki Ojima “Life expectancy without institutionalization as an operational measurement of age and dementia friendly communities”
6. Yanan Luo “Association between intergenerational educational mobility and depressive symptoms in Chinese older adults: Results from CHARLS”
7. Huang Kuangshi “Forecasting the future of Chinese HALEs by fitting the past HALEs with Lee Carter Model”
8. Arun Balachandran “Mind over matter? A comparison of cognitively and physically healthy life years among elderly in India”
9. Yi Yang “Can regular fruit consumption reduce the risks of cognitive impairment? -- Evidences from a large-scale social survey”
10. Desiree Krivanek “’Well, the work I’m doing motivates me to continue and to stay healthy’ – The impact of longer working life on health of order members”
11. Patrick Lazarevic “Self-rated health as generic health measurement? Identifying the health information used and the role of gender, age, and country”
12. Xiaoying Zheng “The trend and challenge of aging and health in china”
13. Yasuhiko Saito “Validating the Global Activity Limitation Indicator in Taiwan”
DAY 2 – THURSDAY MAY 31ST

9:00-10:30 – Session 5. Life and health in comparative perspective
   Chair: Emmanuelle Cambois
   1. Wilma Nusselder “A comparative study of inequalities in Unhealthy Life Years”
   2. Joshua R. Ehrlich “Vision impairment among older adults in low and middle income countries”
   3. Anthony R. Bardo “U.S. regional differences in cognitive and happy life expectancy”
   4. Jennifer B. Dowd “Mid-life mortality in the UK and Canada: Is the U.S. an anomaly?”

10:30-11:00 Coffee Break

11:00-12:30 Session 6. Contemporary themes around health and mortality
   Chair: Henrik Brønnum-Hansen
   1. Xiaochun Qiao “Changing of mortality and morbidity in China”
   2. Rahul Malhotra “Years of life lived by elderly Singaporeans with and without frailty”

12:30-1:30 Lunch on Site

1:30-3:00 Session 7. Past, present and future trends in population health, part 2
   Chair: Al Hermalin
   2. Catherine Perez “Morbidity and health trends among older island-dwelling Puerto Ricans, 2005 to 2016”

3:00-3:30 Coffee Break

3:30- 5:00 George Myers Lecture
   Chair: Jean-Marie Robine
   Carol Jagger “What can past trends in health expectancies tell us about the future?”

Steering Committee Meeting following lecture
DAY 3 – FRIDAY JUNE 1ST

9:00-10:30 – Session 8. Developments in Measures and Methods, Part 2
Chair: Mark Hayward
1. Julie D. Weeks “Future directions in NHIS functioning measures”
2. Douglas Wolf “Heterogeneity in active life expectancy; A Finite-Mixture Model”
3. Michael Wolfson “Exploring bias in life expectancy estimates arising from unobserved heterogeneity”
4. Herman Van Oyen “The impact of the Global Activity Limitation Indicator and Healthy Life Years on health and welfare policies within the EU and its Member States in the 21st century”

10:30-11:00 Coffee Break

11:00-12:15 Session 9. Investigations pertaining to the older-old and the last years of life
Chair: Xiaochun Qiao
1. Emiel O. Hoogendijk “Sex differences in healthy life expectancy among nonagenarians: A multistate survival model using data from the Vitality 90+ study”
2. Jean-Marie Robine “Life expectancy in the state of frailty after age 70: findings in the SIPAF Study”
3. Roberto Ham-Chande “Health conditions and care expenses in the last year of life in Mexican Population 60+”

12:15-1:15 Lunch on Site

1:15-2:45 Session 10. Cognition and dementia research
Chair: Herman Van Oyen
2. Mateo Farina “Changing patterns of healthy life expectancy with dementia among African Americans”
3. Jennifer Ailshire “Regional variation in U.S. dementia trends and race/ethnic disparities in cognitive impairment and dementia”
4. Flavia Andrade “Educational differentials on life expectancy with and without Cognitive impairment in Brazil”

2:45-3:15 Closing Remarks and Invitation to REVES 2019
Zachary Zimmer, Conference Organizer
Jean-Marie Robine, REVES Network Coordinator
Aïda Solé-Auró, 2019 Conference Organizer
Mary-Beth, Conference Organizer