Overview of ROADI

Integrating teaching, research, service.
Students integrated into research objectives
  • Thesis & Masters Projects
Research with healthy older adults
Collaborate to provide fitness to drive evals
  • Three days per week
Driving and Community Bootcamp for individuals with Autism Spectrum Disorder

Why Aging Adults?

• Majority of older adults live in suburban & rural America\textsuperscript{1}
• Driving will remain primary mode of transportation\textsuperscript{2-3}
• Decision to stop driving has adverse consequences\textsuperscript{4}
• Older adults are generally safe drivers ...
• Will outlive their driving ability\textsuperscript{5}

\textsuperscript{1}Rosenbloom, 2012; \textsuperscript{2}Coughlin, 2012; \textsuperscript{3}Dickerson et al., 2007; \textsuperscript{4}Eby, Molnar, & Karje, 2009; \textsuperscript{5}Foley, et al., 2002
How do we identify or test the medically-at-risk driver without over-restricting our health older adults?

*** Making sure the driving privilege is based on **Function** – not **Age** – through an evaluation of **Driving Fitness**

**Demonstration Project Promoting Highway Safety Program Guideline #13 2017-2021 State of North Carolina**

I. Program Management

II. Roadway Design for Older Driver Safety

III. Driver Licensing (Medical Review Unit)

IV. Medical Providers

V. Law Enforcement

VI. Social and Aging Service Providers

VII. Communication Program

VIII. Program Evaluation and Data
Overall Program Objective

This educational program is designed to provide guidelines, information, and education needed to provide a comprehensive driving evaluation for select clients through a collaborative model of an experienced occupational therapists and licensed/certified driving instructor.

Complete Program

Program Description

- Video 1. Introduction to the Education
- Video 2. IADLs and Clinical Assessments
- Video 3. Planning the Driving Route
- Video 4. Driving Route Directions
- Video 5. Implementation Outcomes

- Table 1. Occupational Therapist Essential Knowledge and Skills
- Table 2. Connections Chart: Between Performance Skills and Driving Performance
- Table 3. Example of a Driving Route Cue and Sheet for Notes
- Table 4. Example of a Comprehensive Driving Evaluation Format
Revised their Form

Aging Service Providers & Communication

WEBSITE
Dedicated to Older Adults to for Planning Transportation

YOUR DRIVING RETIREMENT PLAN
How people react to change is different.

Questionnaire is designed to measure your emotional and attitudinal readiness to cope with present and future changes in mobility.

Mobility loss can be sudden or progressive, but it is always devastating.

<table>
<thead>
<tr>
<th>Strongly disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Asking others for help with mobility means that I am losing my independence.

<table>
<thead>
<tr>
<th>Strongly disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
Results

Your score: 53

- High readiness score: 1 – 54
  - To get more information about your score, see this handout. 1. High readiness.
- Mixed readiness score: 55 – 80
  - To get more information about your score, see this handout. 2. Mixed readiness.
- Low readiness score: 81 – 120
  - To get more information about your score, see this handout. 3. Low readiness.

What do the scores mean?

The Assessment of Readiness for Mobility Transition (ARMIT) examines age-related changes in mobility from the perspective of personal feelings and attitudes. The scores only reflect where you are thinking about transitioning from driving to non-driving mobility. Remember, we hope to help you make the transition over time and with support! Use the handouts to talk with your family members, physician, clergy, counselor, or close friends.

The ARMIT was developed by a team of educators and researchers with funding support from the National Center on Senior Transportation to Dr. Thomas Meuser with co-investigators Marta Berg-Weger, John Chitnann, and Anni Harmon.


Note: Dr. Thomas Meuser and Dr. Marta Berg-Weger have given permission for the use of the ARMIT on this website, November 2019.

Interactive Transportation Plan

19 topic areas
3 “others”
Print out the plan

<table>
<thead>
<tr>
<th>Where do I want/need to go?</th>
<th>How often do I go there?</th>
<th>How far is it from my home?</th>
<th>Do I know other people that go there?</th>
<th>Is there another way I could get there?</th>
<th>Comments / notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grocery store</td>
<td>3</td>
<td>6-10</td>
<td>Yes</td>
<td>Family/Friend</td>
<td>Susie can drive me</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>3</td>
<td>6-10</td>
<td>Yes</td>
<td>Family/Friend</td>
<td>Call Dan</td>
</tr>
<tr>
<td>Place of worship</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hairdresser, hair salon, barbershop</td>
<td>1</td>
<td>Select miles</td>
<td>Select option</td>
<td>Other options</td>
<td>Comments / notes</td>
</tr>
<tr>
<td>Bank or post office</td>
<td>2</td>
<td>Select miles</td>
<td>Select option</td>
<td>Other options</td>
<td>Comments / notes</td>
</tr>
<tr>
<td>Work or volunteer</td>
<td>3</td>
<td>Select miles</td>
<td>Select option</td>
<td>Other options</td>
<td>Comments / notes</td>
</tr>
<tr>
<td>Doctor’s office</td>
<td>4</td>
<td>Select miles</td>
<td>Select option</td>
<td>Other options</td>
<td>Comments / notes</td>
</tr>
<tr>
<td>Dentist’s office</td>
<td>5</td>
<td>Select miles</td>
<td>Select option</td>
<td>Other options</td>
<td>Comments / notes</td>
</tr>
</tbody>
</table>
### Savings Calculator

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily distance</td>
<td>30</td>
</tr>
<tr>
<td>Vehicle mileage</td>
<td>34</td>
</tr>
<tr>
<td>Price of gas</td>
<td>$3.5</td>
</tr>
<tr>
<td>Parking fees</td>
<td>$0.5</td>
</tr>
<tr>
<td>Car payment</td>
<td>$11</td>
</tr>
<tr>
<td>Car insurance</td>
<td>$0.5</td>
</tr>
<tr>
<td>Number of days you drive in a month</td>
<td>31</td>
</tr>
<tr>
<td>Maintenance costs</td>
<td>$6.0</td>
</tr>
<tr>
<td>Monthly Expense</td>
<td>$188.5</td>
</tr>
</tbody>
</table>

**Total Summary**

- Daily distance: 30
- Vehicle mileage: 34
- Price of gas: $3.5
- Parking fees: $0.5
- Car payment: $11
- Car insurance: $0.5
- Number of days you drive in a month: 31
- Maintenance costs: $6.0
- Monthly Expense: $188.5