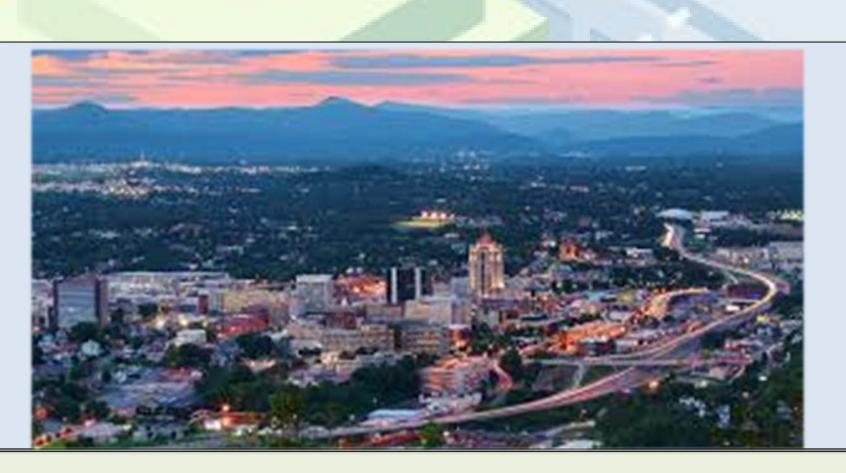
Rural Mobility Challenges for Seniors in the Roanoke, VA Area

Miguel Perez Ph.D. CPE & Jon Antin, Ph.D. CHFP – Virginia Tech Transportation Institute NSF-JST Planning Grant, FY2020



- 100k population with ~20K seniors
- Concentrated urban population
- Transition from urban to rural occurs very quickly
- Rural road navigation, sometimes over extended distances, is often needed for seniors to gain access to essential goods and services



Problem Statement:

- Transportation is crucial for rural seniors to access needed services and maintain independence
- Rural locations => few viable options
- What are the barriers?

Advancements:

- Develop understanding of mobility needs and challenges of rural seniors
- Identify potential targeted solutions
- Reduce isolation, inform infrastructure improvements, transform transportation planning



Roanoke Valley Community

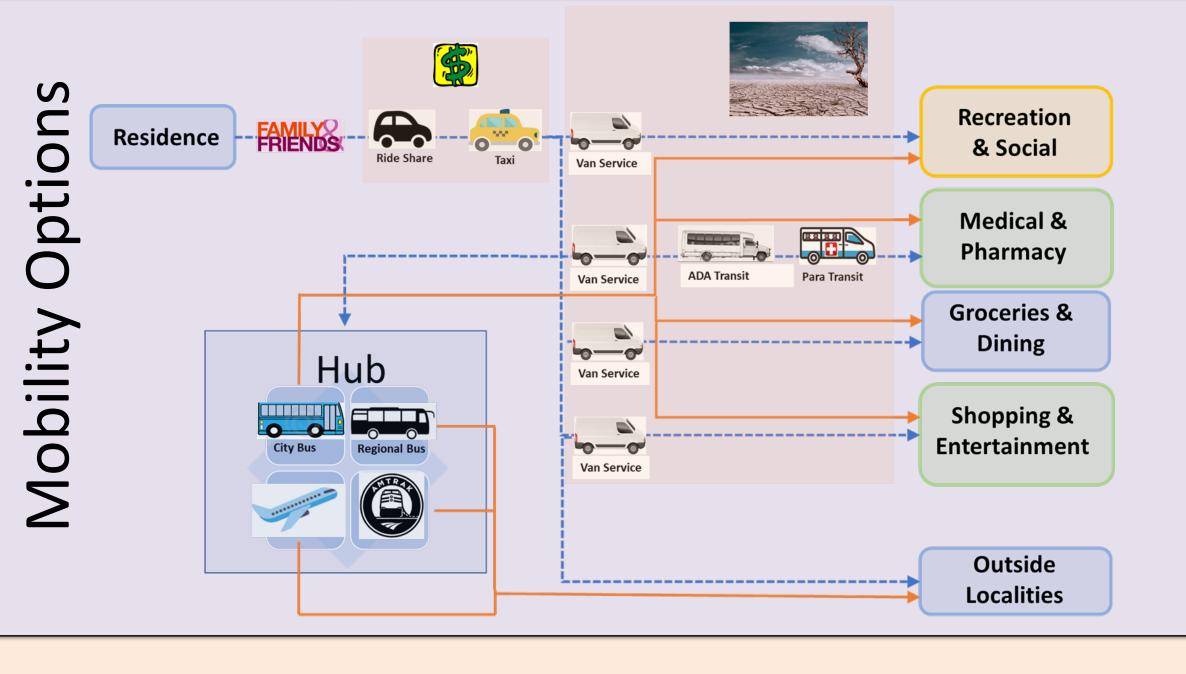


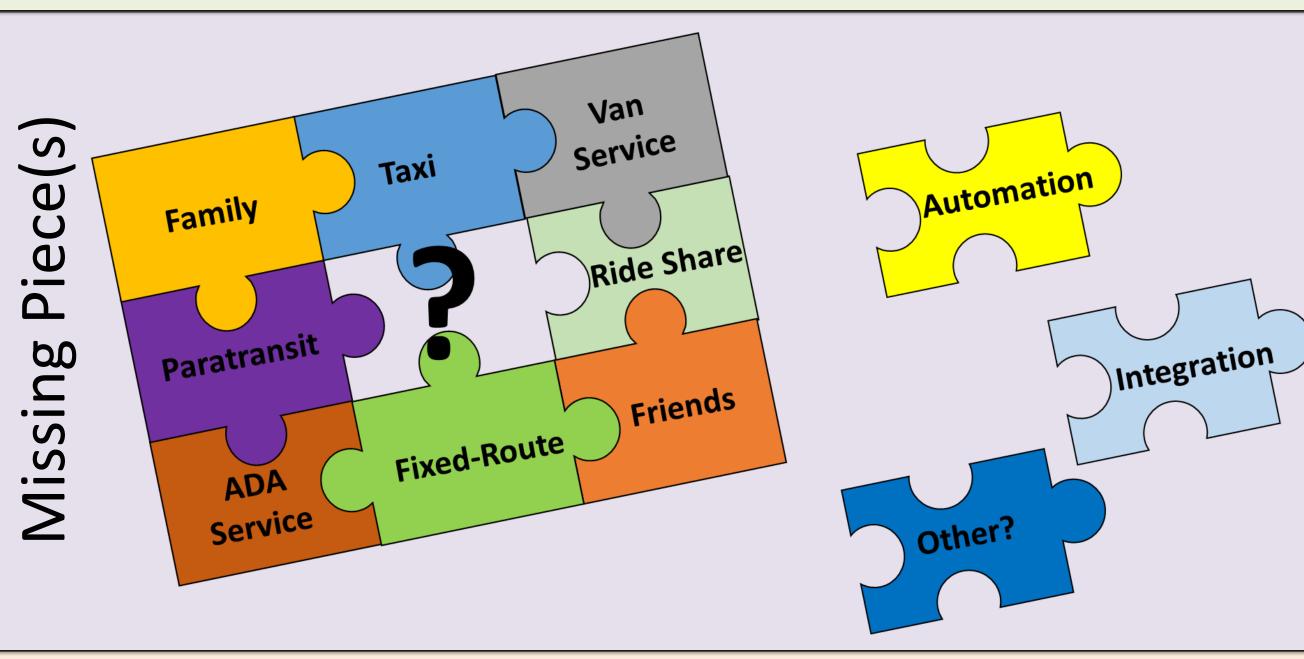










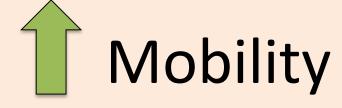


Immediate Impact:

Health Assessment

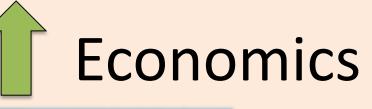
- Initial understanding of transportation needs and barriers
- Awareness
- Relationships with transportation providers, advocates, and policy makers

Lasting Impact:







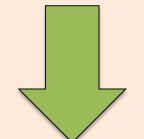


Flex Danmark
Integration



Next Steps:

Survey seniors in Roanoke, VA



- Deep understanding of mobility barriers and needs
 - Technology
 - Automation