

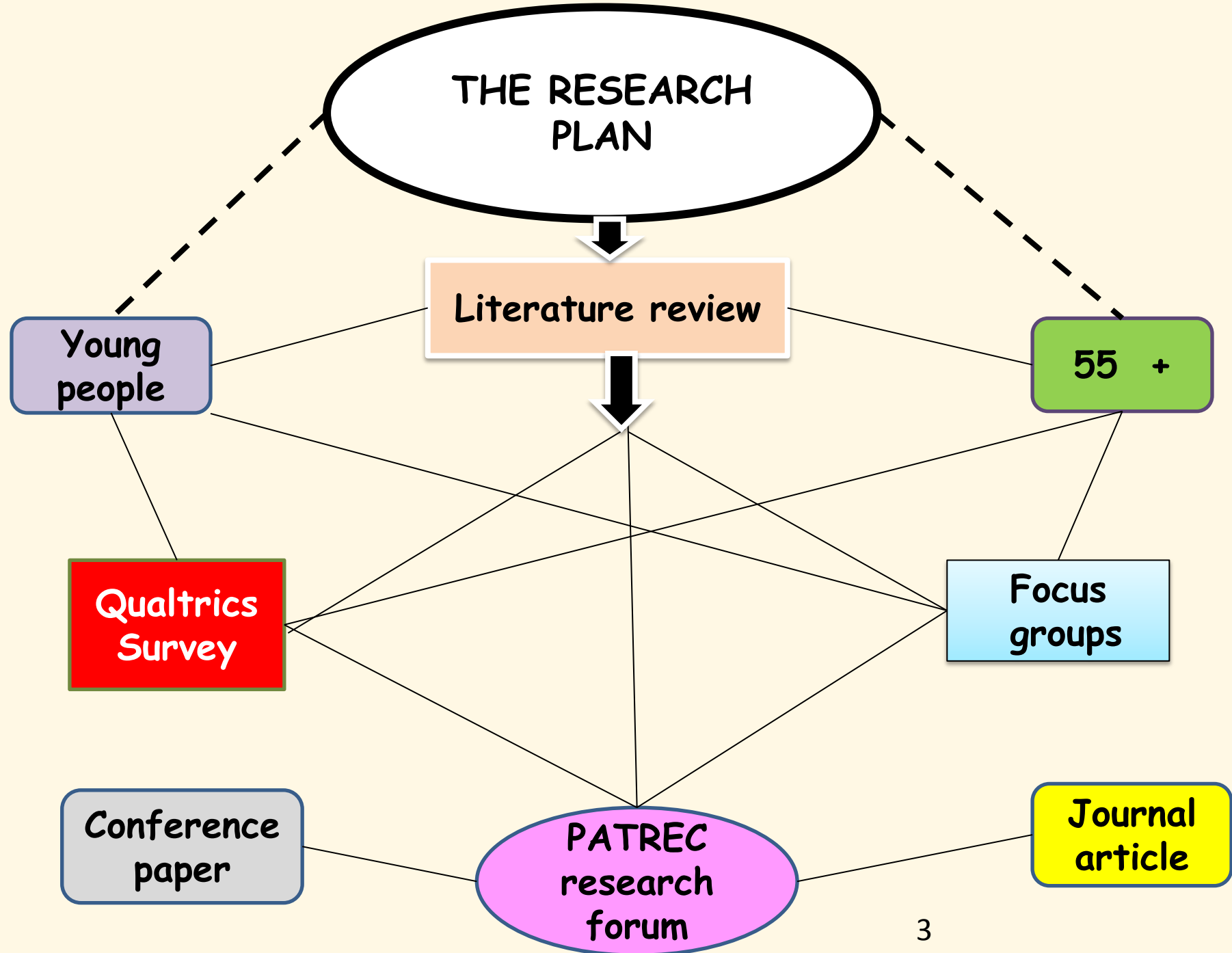
PATREC Research Forum 6/11/17

Dr David Lamb

Active travel and public transport
among two specific demographic
groups in Metro Perth

Overview of presentation

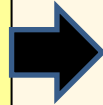
- The research plan
- Project aim/objectives
- The study groups
- Literature review
- Research highlights (quantitative)
- Research highlights (qualitative)
- Future research



Project aims/objectives

• AIM

- To study active travel and the use of public transport within the Perth Metropolitan area amongst the 55+ age group and young adults (18-25 years of age)



• OUTCOMES

- Understand travel mode behaviour
- Identify some of the key constraints/barriers that impinge upon active travel and use of public transport
- Interpret travel mode decision making processes
- Highlight whether prior intentions impact on travel mode choice

What do we know about the 2 study groups?

• 55+ age group

- Living longer/more active/well-being
- Empowered and experienced
- Located in outer suburbs
 - Issues access
- Population ageing and growth
 - 65+ (25% population) by 2056 (ABS 2013)
- Challenges to-
 - Policy
 - Infrastructure requirements
 - Diverse range of needs

• Young Adults (18-25yrs)

- High car ownership
 - Less inclination
- Infrequent use of public transport
- Time constrained
- In employment/education
- Key factors of influence (Simons et al, 2014)
 - Personal (1)
 - Social (2)
 - Physical (3)
 - Environmental (4)
- Challenges to-
 - Policy
 - Infrastructure requirements

The Literature review

Key Research Themes

Public
Transport

Transport
research
and the 55+

Barriers and
constraints

Transport
research and
the young

Specific
forms of
active travel

Research highlights (Quant)

- **Traffic congestion concerns** (in and around Perth)
 - (esp. 55+)
 - Yet, lack admission being responsible for it
 - No gender differences
- **Access to car enjoyed by all**
 - Esp. for shopping -convenience, practicality
 - When not, public transport problematic
 - If no car, men more likely to cycle, women more likely to use public transport
- **Weather, safety, access - all significant in travel mode choice**
 - Especially in decision to drive, rather than other modes

Research highlights (Qual)

- **Travel mode choice differs according to-**
 - Weather, availability, season, travel partner, time taken
- **Issues with driving**
 - Stress, costs, parking fees, environmental concerns
- **Public transport negatives**
 - lack of availability, complications, impractical, reach, viability of public transport, travel with kids, reliability, access, safety and inconvenience, limited network
- **Public transport positives**
 - Smart rider, costs, access to CBD, avoid traffic, less stress, reduced environmental footprint, cheap parking
- **Active travel**
 - Safety, accessibility, signage, health, inclement weather, distance, security, lack of encouragement

Future research?

- **Present study**
 - Focus group study – 55+ and young people
 - Stakeholder interviews
- **Evaluation of urban transport schemes/Active travel initiatives**
 - What can we learn?
- **Application of new technologies**
 - Mobile Apps
- **Impact of social conscience and environmental awareness**
 - Travel behaviours/choices
- **Global context of research**
- **Innovative research/method**
 - Use of mixed methods
 - More insightful qualitative research

Thank you for listening



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