



Flinders
UNIVERSITY

College of Education,
Psychology & Social Work

**INSPIRING
ACHIEVEMENT**



Education, Recovery and Inclusion for a Better World

HDR Conference 2019
Friday 29 November

Abstracts Book

Amelie Hanna

Smart teaching for Arabic residents on technology (START).

Background: Arabic minority groups in Australia face language barriers, which cause unemployment and/or inability to establish their own businesses. The current provision of computer and language training in Australia is mainly in English. START aims to assist Arabic Residents of South Australia (including refugees) to establish their own online businesses with minimum resources (money, space, and infrastructure) or at least help them towards finding suitable employment and through Bilingual Training. Methods: START is an interventional study used Design-Based Research, which has its own progressive refinement approach. The design-based research blends empirical educational research with theory-driven design of learning. Both qualitative (Skills Assessment Interview & Observation) and quantitative (Moodle Log-Data & Feedback Survey) research methods will be used, to establish the connections between the learning and teaching practices and the outcomes. Expected Outcomes: This study has benefits for Arabic trainees, the wider community and as a contribution to new knowledge about education for immigrants. From the practical side, Arabic residents will master Computer and English skills and be prepared to establish their own online/home businesses. As any businesses when succeed and expand, there will be increased employment opportunities – and hence a reduction in the unemployment rate. Design-Based Research is in its infancy and has not been applied to immigrant education previously. This research project can contribute to a better understanding of the relationships between educational theory, designed learning and outcomes, to help advance how adjustments to learning and teaching environments can refine the critical factors that lead to success for trainees.

Discipline: Education

Principal supervisor: Professor Lindsey Conner. **Associate supervisor:** Dr Trudy-Ann Sweeney



2019 CEPSW HDR Conference



Smart Training for Arabic Residents on Technology

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2019 CEPSW HDR Conference

Education Building, Bedford Campus, Flinders University

29 November 2019

Smart Training for Arabic Residents on Technology START

Background to Research Problem

Addressing Research Problem

Conducting START Research Project

Research Methods

Research Significance & Outcomes

Research Considerations & Limitations

Key References

Smart Training for Arabic Residents on Technology START

Background to Research Problem

❖ Unemployment in Australia

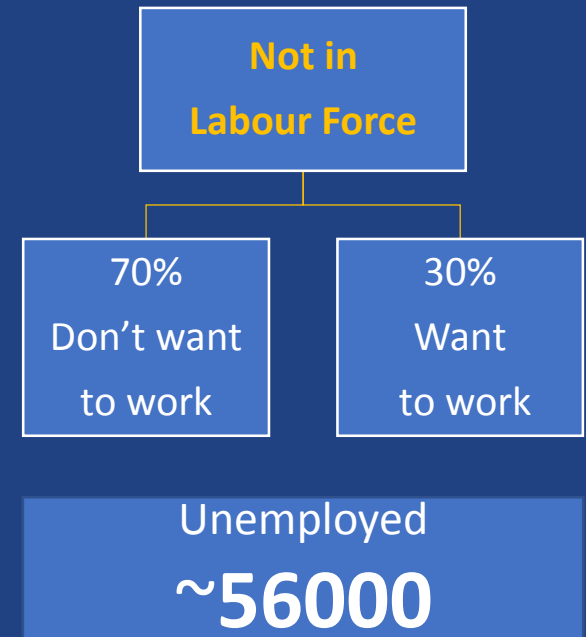
State	Population	Employed	Unemployed	Unemployment%
WA	2,475K	1256K	98K	7.8%
NT	229K	110K	8K	7.0%
SA	1677K	807K	60K	7.5%
Qld	4703K	2312K	176K	7.6%
Vic	5,927K	2930K	193K	6.6%
ACT	397K	216K	10K	4.7%
NSW	7,480K	3606K	226K	6.3%
Tas	510K	233K	16K	7.0%

Smart Training for Arabic Residents on Technology START

Background to Research Problem

❖ Unemployment among Arabic-speaking Residents

Labour Force Status	Numbers
Employed, worked full-time	54363
Employed, worked part-time	33656
Employed, away from work	6142
Unemployed, look for full-time work	8724
Unemployed, look for part-time work	6689
Not in the labour force	135110
Not stated	3267
Not applicable	24955
Total	272915



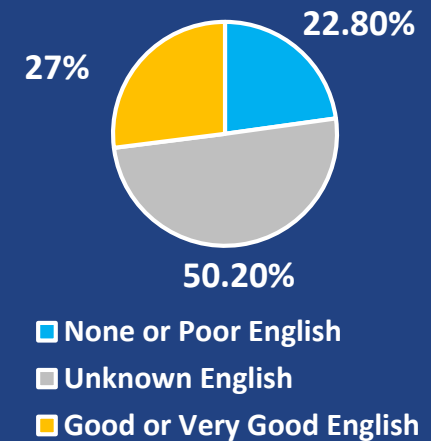
Smart Training for Arabic Residents on Technology START

Background to Research Problem

❖ Challenges causing Unemployment

- Lack of English Skills
- Lack of ICT Skills
- Lack of Professional Skills
- Discrimination

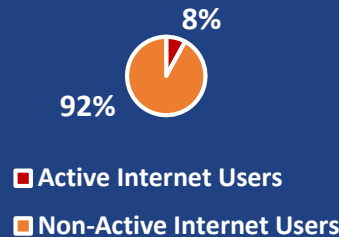
English Proficiency of Migrants to Australia (2012 - 2018)



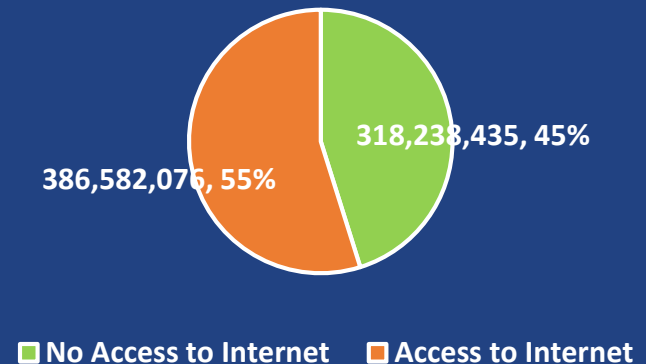
Number of Job App.

4 Times more than of Anglo-Saxon Names

Active Internet Users Status

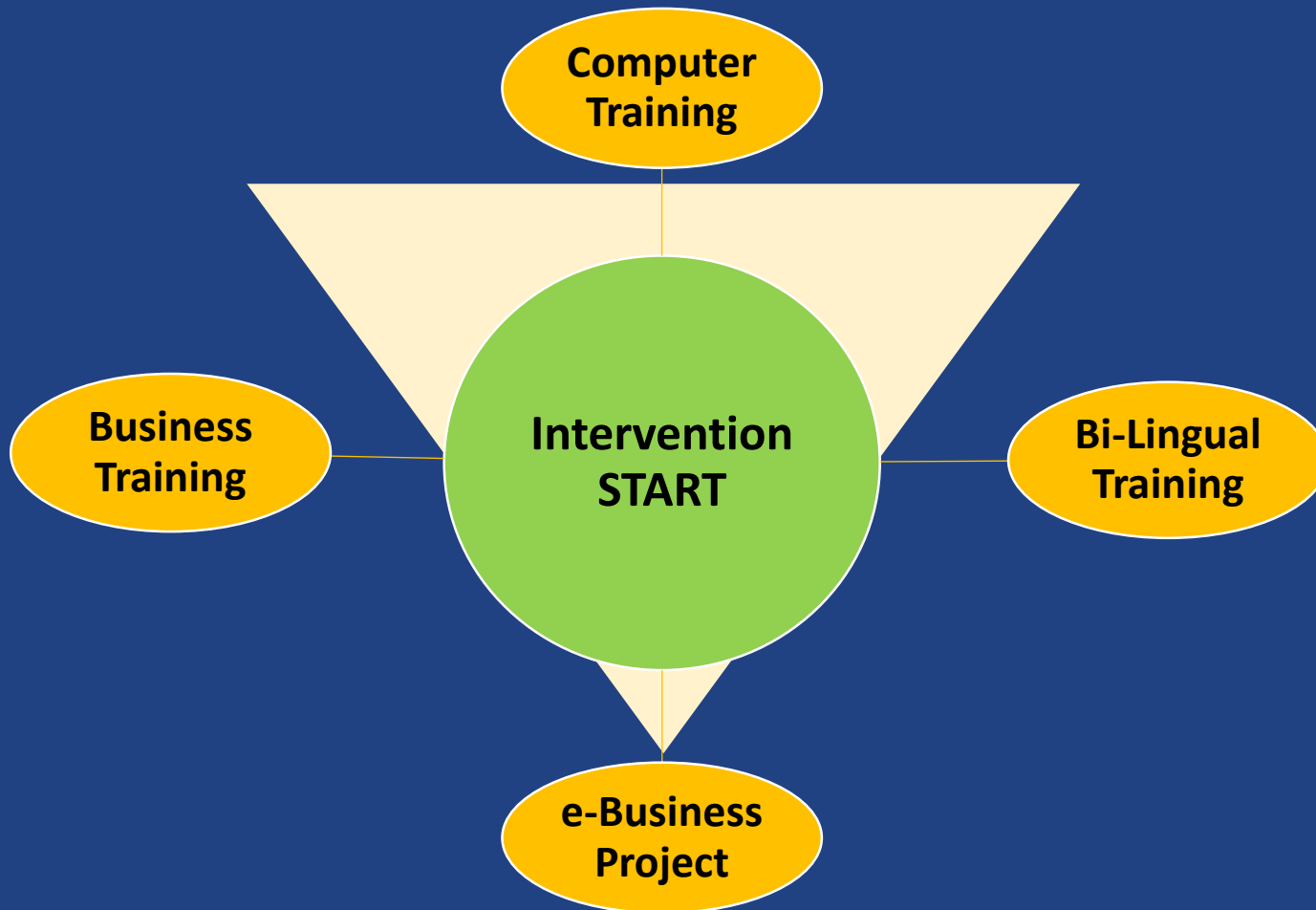


Population and Internet Access in 2019



Smart Training for Arabic Residents on Technology START

Addressing Research Problem :: START Training



Smart Training for Arabic Residents on Technology START

Conducting START Research Project

- ❖ Design-Based Research to refine START Training

- ❖ Research Question

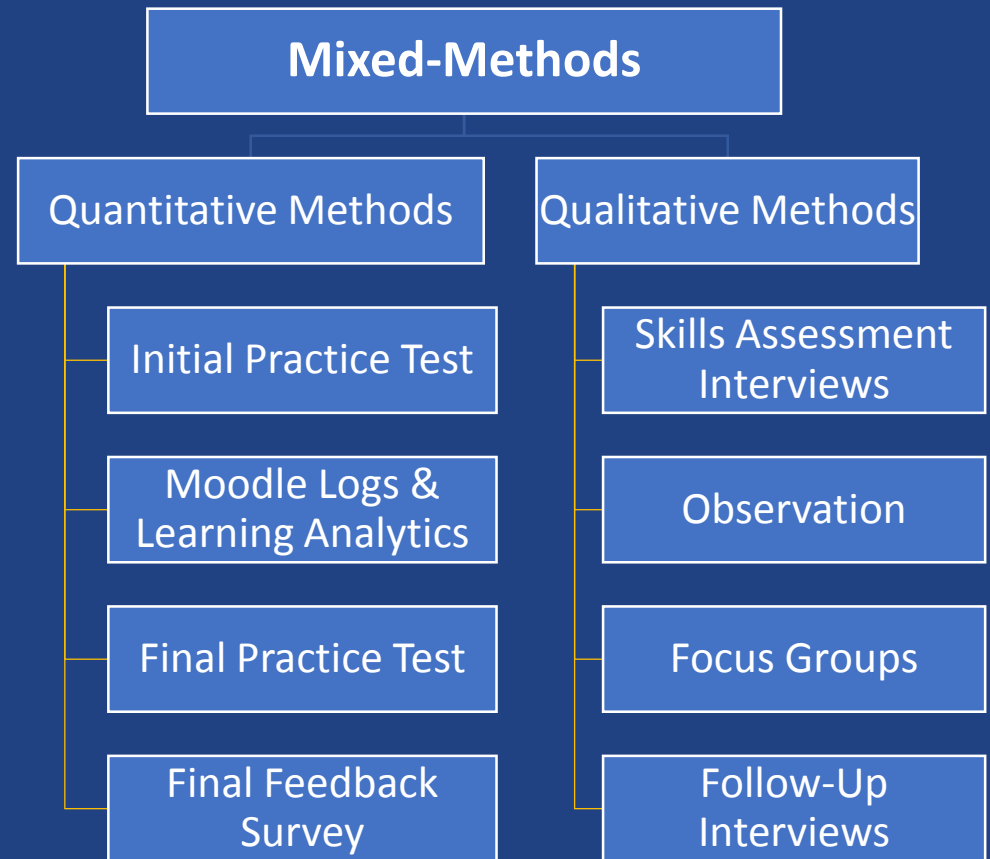
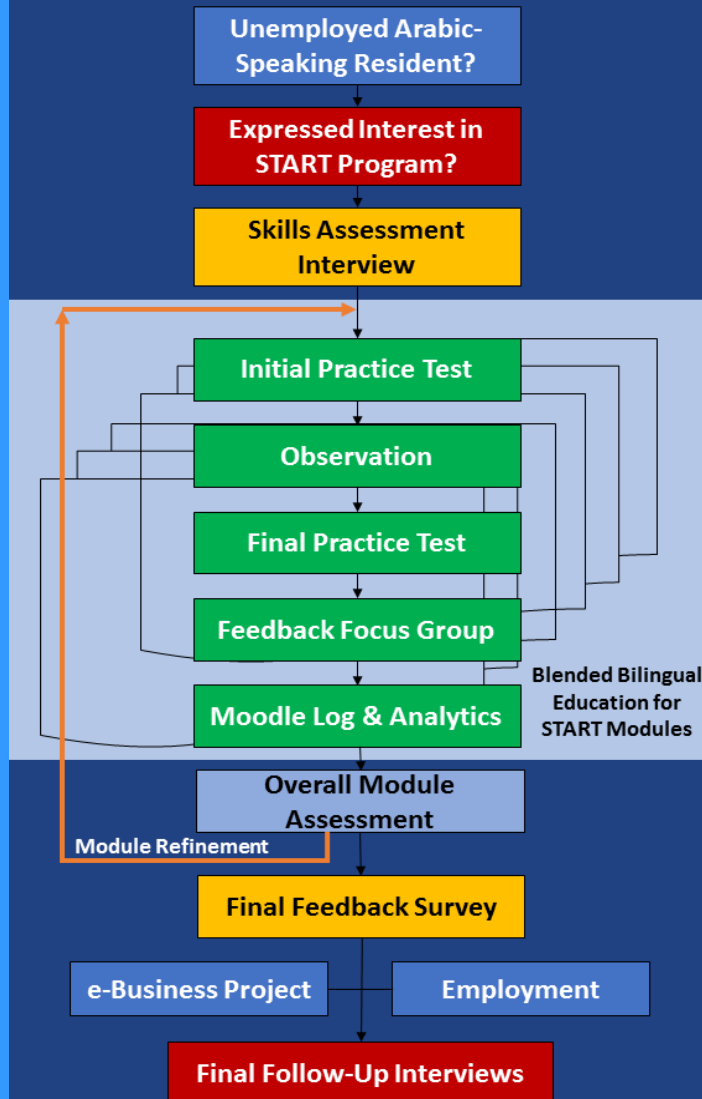
How does translanguaging approach used in implementing multi-mode START Program improve Arabic-speaking migrants' employability and e-business abilities?

- ❖ Population ~ 4000 unemployed Arabic-speakers

- ❖ Convenient Sample

Smart Training for Arabic Residents on Technology START

Research Methods



Smart Training for Arabic Residents on Technology START

Research Significance & Outcomes

❖ Benefits to Participants

- Master ICT, English and Business Skills
- Gainful employment
- Establish online business

❖ Benefits to Community & Government

- Successful integration
- Reduce financial burden to budget
- Increase employment opportunities

❖ Benefits to Knowledge

- Explore advances in creating novel training
- Contribute to learning theory
- Refine designed learning artefacts

Research Considerations & Limitations

❖ Research Considerations

- Research Ethics
- Research Budget
- Research Timeframe

❖ Research Limitations

- Researcher = Instructor
- Bias in convenient sample
- Voluntary participation and turnover / response rate

Smart Training for Arabic Residents on Technology START

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Smart Training for Arabic Residents on Technology

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Questions & Comments