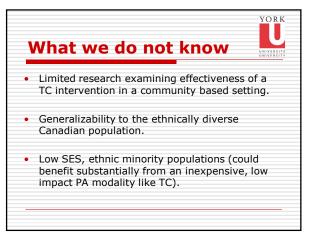


# What we know Optimally: Safe Affordable Accessible Frequent Socially supportive



## **Objectives- three years**



- 1.Examine and assess the factors influencing older adults in terms of enrolment in a locally offered TC program
- 2. Examine the TC effects in terms of improved health related fitness and psychological well
- 3. Examine and assess factors affecting sustained participation in TC

# Three years study



- •Two groups:
  - Group 1: Cultural affiliation not related to TC
  - Group 2: Cultural affiliation related to TC

# Target population / inclusion Criteria

### Group 1- Jane / Finch Community

- Lower SES compared to Toronto mean
- Visible minority comprises over 70% of its population

### Group 2- Dundas / Spadina community

- One of largest Chinese communities in North America
- Socio-economically similar to the Jane-Finch
- Inclusion Criteria: Community dwelling, 50+ years, have medical capability to be involved in an exercise intervention.
- Study approved by the ethics review committee of York University. Signed consent forms obtained.

(Profile of Low Income in the City of Toronto 2010, Statistics Canada, 2010)

# Three years study



# - Group 1: Cultural affiliation not related to

Cohort 1 August - December 2009 35 Shoreham Drive

Cohort 2 November 2011-March 2012 Driftwood & John Booth Toronto Community Housing Building Community centers

- Group 2: Cultural affiliation related to TC

Cohort 3: March 2011- July 2011 Alexandra Park community center

# **Specific objectives**



- □ Characteristics of participants enrolled in the Tai Chi program
- □ Adherence levels
- Changes in functional fitness and perceived stress

# Tai Chi Exercise Program



- 16 weeks free Tai Chi program
- Tai chi classes taught by Tai Chi master
- 6 classes per week (on specific days in the morning and afternoon)- Advised to attend at least 2 sessions per week
- 1 hour sessions
  - o 15 min warm-up (Qi Gong)
  - 45 min Tai Chi (Yang Style)
- Class attendance was assessed throughout study.

