

# Parkinson's Disease

## Who is affected?

- Age – early to mid 60s
- Men more than women
- Individuals with relatives who have PD
- Environmental exposure to pesticides – people in rural areas

## Neuroscience of PD

Many brain areas have been identified to be affected by PD, with the most significant impact identified to an area known as Substantia Nigra. In PD, nerve cells or neurons in the brain weaken, get damaged and die. The specific nerve cells that are affected are responsible for producing Dopamine, a chemical responsible for producing smooth, purposeful movement.