





#### Contents

- A Conceptual Model
- A Stage Model
- Comparison of Models
- The Research Process in Practice
- Apportioning Effort



## Key Reference

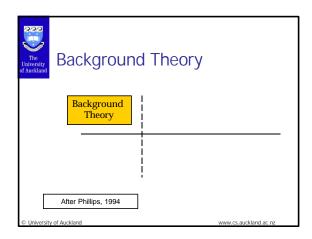
How to get a Ph.D.: a handbook for students and their supervisors. Phillips, E. Open University Press, UK. 1994

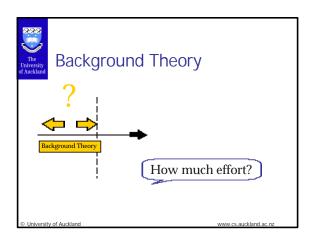


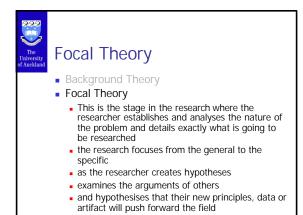
# A Conceptual Process Model

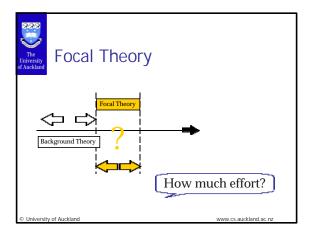
- Background Theory
  - This phase is based upon the need for the researcher to familiarise themselves with the research field
  - note that this may be distinct from existing familiarity with the practitioner field
     this phase usually involves a literature review
     The researcher must evaluate the contributions of others and make justified criticisms where appropriate

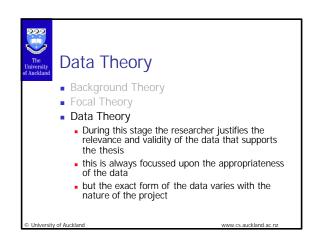
  - trends in research approach and methodology are also identified here
  - The researcher should also identify areas of theoretical or empirical weakness in the research field

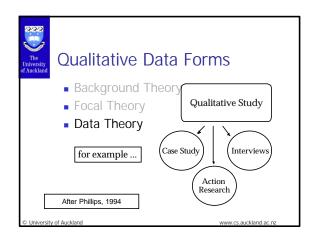


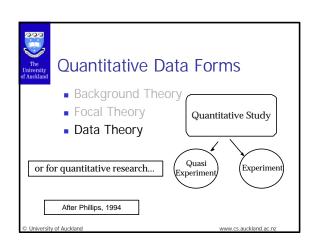


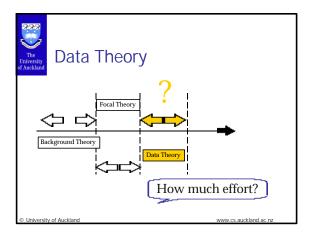


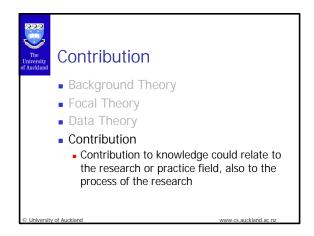


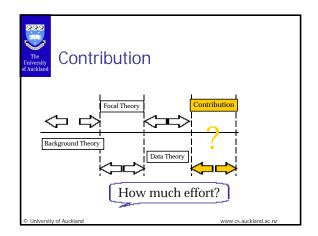


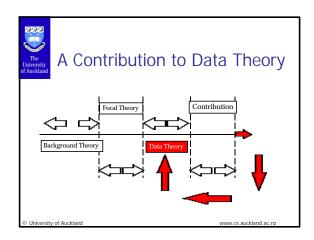


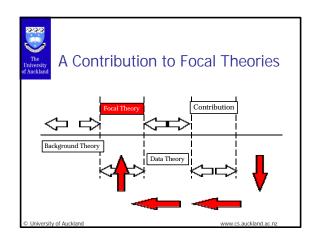


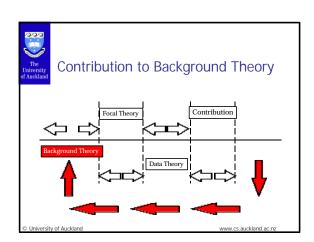














Model of the Research Process

C University of Auckland

www.cs.auckland.ac.nz





### Stages in the Research Process

- Identify Field of Interest
- Identify Possible Topics

© University of Auckland

www.cs.auckland.ac.nz



### Stages in the Research Process

- Identify Field of Interest
- Identify Possible Topics
- Create a Thesis Proposal

© University of Auckland

www.cs.auckland.a



### Stages in the Research Process

- Identify Field of Interest
- Identify Possible Topics
- Create a Thesis Proposal
- Undertake Pilot Study

www.cs.auckland.ac.nz



### Stages in the Research Process

- Identify Field of Interest
- Identify Possible Topics
- Create a Thesis Proposal
- Undertake Pilot Study
- Data Collection

University of Auckland

www.cs.auckland.ac.nz



#### Stages in the Research Process

- Identify Field of Interest
- Identify Possible Topics
- Create a Thesis Proposal
- Undertake Pilot Study
- Data Collection
- Data Analysis

C University of Auckland

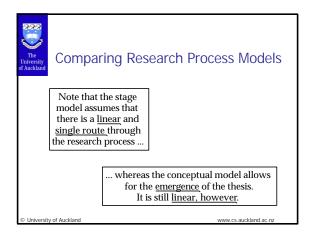
w.cs.auckland.



#### Stages in the Research Process

- Identify Field of Interest
- Identify Possible Topics
- Create a Thesis Proposal
- Undertake Pilot Study
- Data Collection
- Data Analysis
- Writing Up

ways or auckland ac na



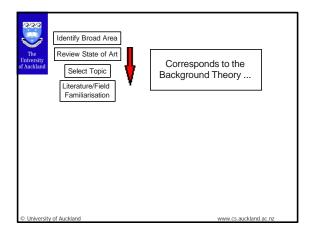


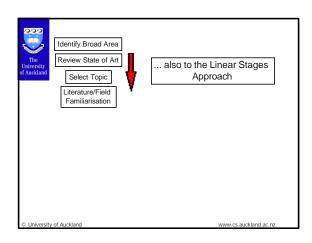
#### The Research Process in Practice

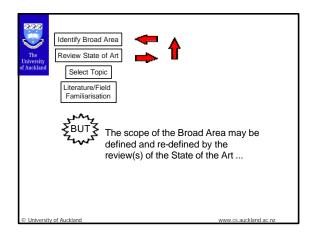
- In reality the process is usually customised to the particular research project
- It is also usually cyclic in nature
- hence you may visit stages out of order,
- and may re-visit stages several times in different contexts
- and you may find that a combination of the two processes emerges as your thesis evolves

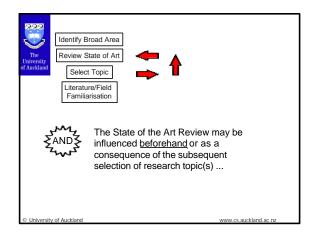
© University of Auckland

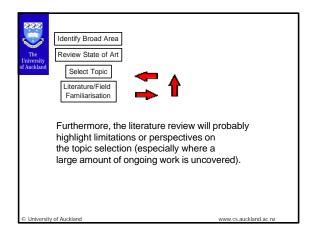
ww.cs.auckland.ac.

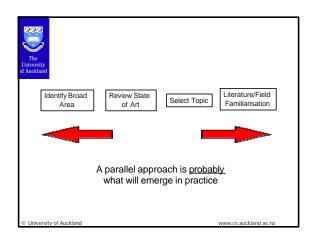


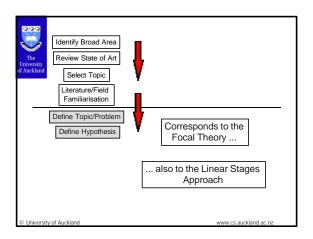


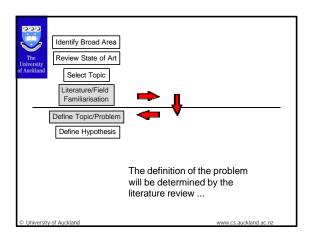


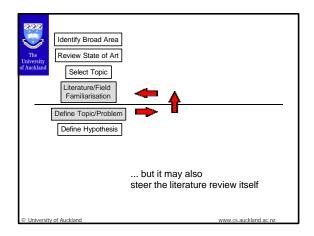


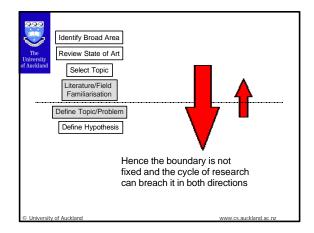


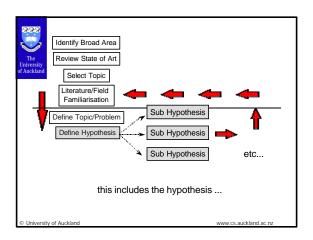


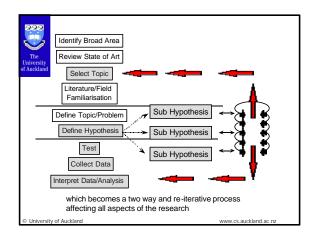


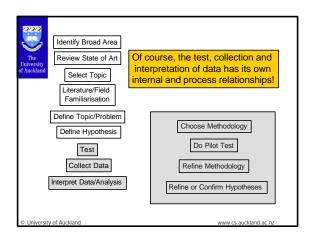


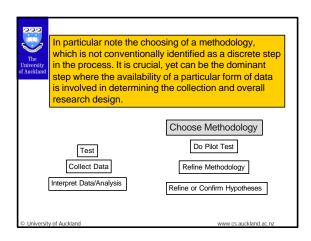


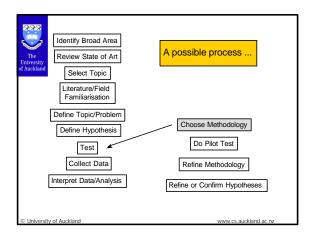


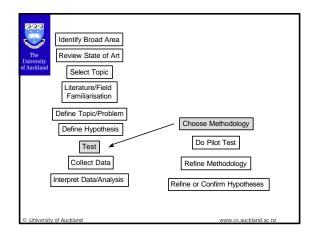


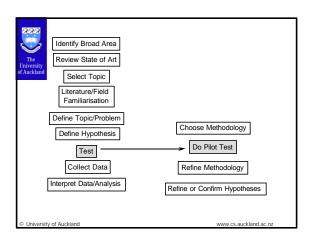


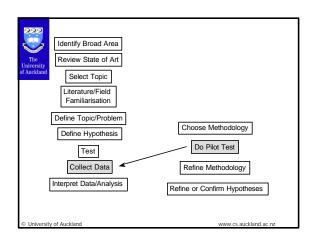


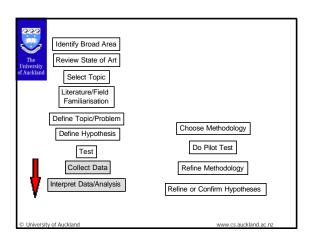


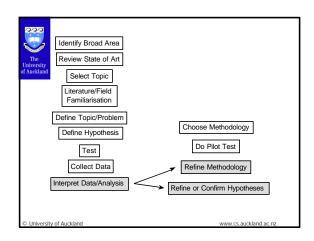


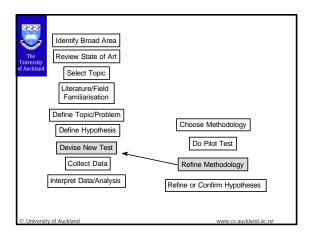


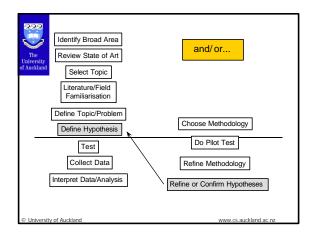


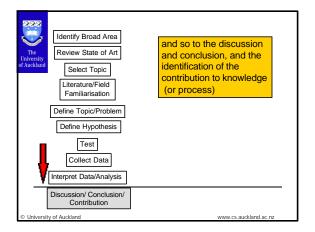


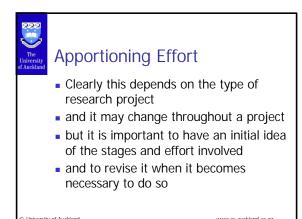












The message is that the research process is highly fluid and needs to be carefully attuned to your project.

There is no single method which suits all projects and all circumstances ...

Your supervisor is an experienced researcher

Let them be your guide to an appropriate research process



... and you need to create and revisit a process programme in a systematic manner.

University of Auckland