Creatovation
Creative, Critical & Innovative Thinking
‘I had six honest serving men-they taught me all I knew:
Their names were Where and What and When-and Why and How and Who.’
Rudyard Kipling

Being able to change our minds about something—to realize that we hold a false belief, and to then correct it—is an invaluable human capability and especially relevant for research students.

False beliefs can stifle curiosity, confuse debates and lead us to poor decision making. Critical Thinking is a capability that we can sometimes take for granted and the benefits of proper application overlooked. Our research goals can be severely hampered if we allow faulty assumptions or poor reasoning to become entrenched in our minds.

Through instruction and activity, this sessions will cover:

The Value of Critical Thinking for Research
The Importance of Questions
Identifying the Barriers to Good Decision Making
Applying the Standards of Critical Thinking
Using Deductive Reasoning to Structure Written Arguments
Recognising Fallacies and Avoiding Assumption

Upon successful completion of this workshop, students will have the knowledge and skills to:

Know the key features of inductive and deductive reasoning
Identify objective and subjective viewpoints
Deconstruct context and Analyses cultural conventions
Make interdisciplinary connections and synthesise information and arguments
Apply Critical Thinking tools to critically appraise research material