### Table 1: Researcher Skill Development Framework

A conceptual framework for the explicit, coherent, incremental and cyclic development of the skills associated with researching. © Willison & O'Regan, August 2008/October 2015

#### Prescribed Research
- **Level 1**
  - Highly structured directions and modelling from supervisor prompt the researcher(s) to…

#### Bounded Research
- **Level 2**
  - Boundaries set by and limited directions from supervisor channel the researcher(s) to …

#### Scaffolded Research
- **Level 3**
  - Scaffolds placed by supervisor enable the researcher(s) to independently…

#### Self-initiated Research
- **Level 4**
  - Researcher(s) initiate and supervisor guides.

#### Open Research
- **Level 5**
  - Researcher(s) determine guidelines that are in accord with discipline or context.

#### Adopted Research
- **Level 6**
  - Researcher(s) inform others' agendas

#### Enlarging Research
- **Level 7**
  - Researcher(s) enlarge the field of inquiry.

#### Facets of Research
- **Curious**
  - a. Embark & Clarify
    - Respond to or initiate research and clarify or determine what knowledge is required, heeding ethical, cultural, social and team (ECST) considerations.

- **Determined**
  - b. Find & Generate
    - Find and generate needed information/data using appropriate methodology.

- **Discerning**
  - c. Evaluate & Reflect
    - Determine and critique the degree of credibility of selected sources, information and of data generated. Metacognitively reflect on processes used.

- **Harmonising**
  - d. Organise & Manage
    - Organise information and data to reveal patterns and themes, and manage teams and research processes.

- **Creative**
  - e. Analyse & Synthesise
    - Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.

- **Constructive**
  - f. Communicate & Apply
    - Discuss, listen, write, present and perform the processes, understandings and applications of the research, and respond to feedback, accounting for ethical, cultural, social and team (ECST) issues.

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