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# The language of research and the importance of the tacit dimension 

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## Research

(1) A practice which (adults) have to learn how to do

- phronesis
(2) a form of learning, directed at the object of research, the world
- finding more out about the world


# Skills training requirements for research students: joint statement by the research councils/AHRB (2001) 

A - Research Skills and Techniques
B - Research Environment
C - Research Management
D - Personal Effectiveness
E - Communication Skills
F - Networking and Teamworking
G - Career Management

## "Skills Agenda"

Stephen Rowland

- lowest common denominator problem

Diana Leonard - leads to infantilisation
And amounts to external interference

- skills for other employers' interests
- top-down imposition and autonomy problem

Rowland, Frank Furedi - misguided Realists

## Competence and 'skills' (knowledge practices)

- Realism (ontologically distinct entities):
$X$ is a skill, $Y$ is not a skill
- Irrealism:
$\{A$ has skill $X\}=\{A$ is skilled at doing $X\}$
\{A is competent at conducting lab work\}
$=\{A$ is skilled at conducting lab work $\}$
\{A is skilled at conducting lab work\}
= $\{\mathrm{A}$ has lab work skills $\}$


## Michael Polanyi

## Tacit dimension/component

## knowing vs learning

articulated/codified vs inarticulate/practical knowledge
(Robert Kirk - "raw feeling"/qualia as pre-linguistic

- ineffable because too rich - even if mundane)
focal (explicit) vs subsidiary (implicit) awareness
explicit vs hidden (soln to new problem)


## (2) The object of research

Two sorts of research:
i) Finding out more of the same (much social science, market research, etc....)
ii) Discovery of new type of knowledge

## Immanuel Kant:

Phenomenal vs Noumenal
Things-as-they-appear vs Things-in-themselves (the ineffable as mystical, other-worldly)

Hegel and Peter Strawson apply Occam's Razor

Graham Priest - the "torn boundary" at the limit

## The Limits of Thought



## The Limits of Thought



## The Limits of Thought



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## The Limits of Thought



