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'Measuring Research Performance'

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Key Performance Indicators (KPI)

- KPIs – measurable inputs and outputs
  - Quantitative
    - Money
    - Numbers
    - Time
  - Quality
    - Type of Grants: NHMRC (Cat 1) vs Healthway (Cat 2)
    - Journal Impact Factors: Nature (29) vs ANZJPH (1.3)
    - Memberships/Fellowships: The Royal Society vs PHAA
    - OSCARs (On Supervision, Candidature and Research)

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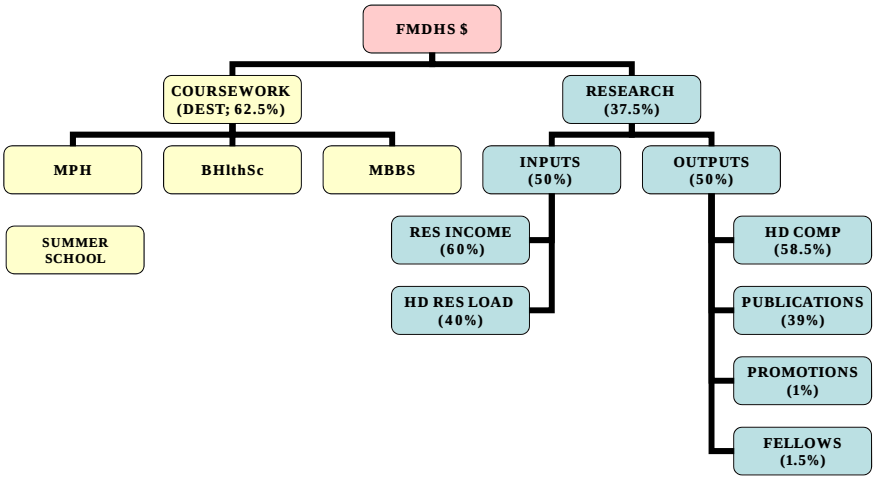
Faculty Funding Model – How UWA rewards us for performance



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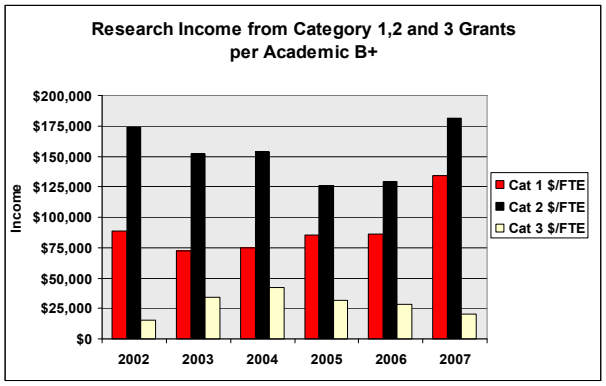
SPH Research Income

Category 1: Australian Competitive Research Grants – 10¢/$ (RIBG)
Category 2: Other Public Sector Research Funding – 5¢/$ (RIBG)
Category 3: Industry & Other Research Funding - 10¢/$ (from infrastructure)
Category 4: Cooperative Research Centre Research Funding



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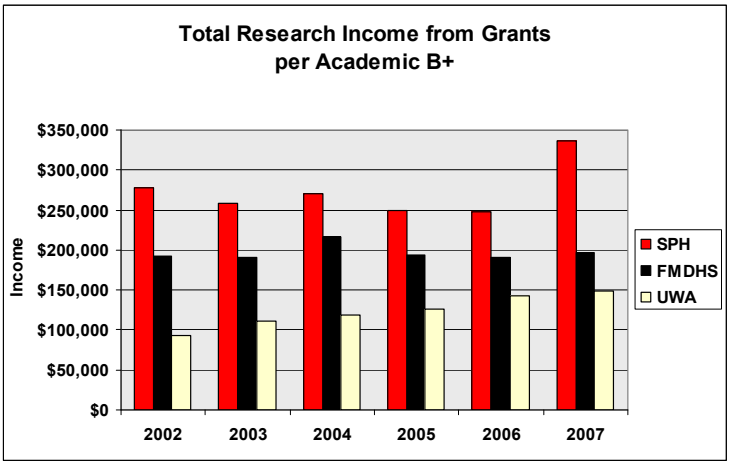
SPH Research Income vs FMDHS and UWA



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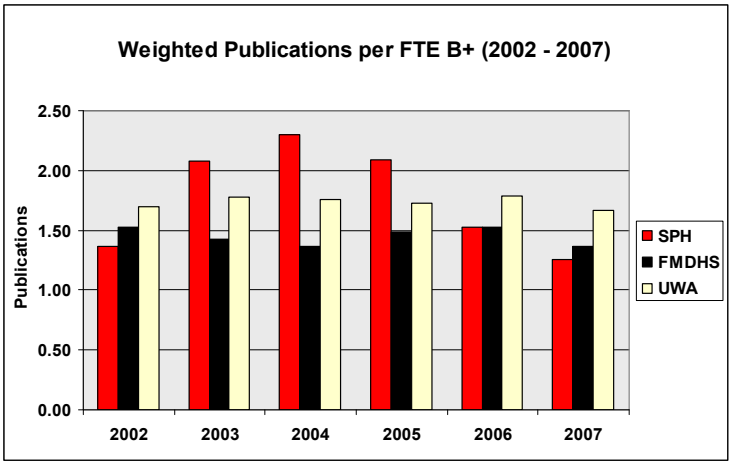
SPH publications vs FMDHS and UWA



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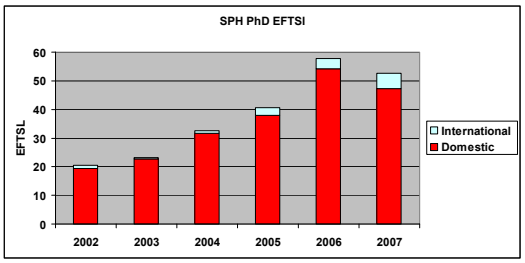
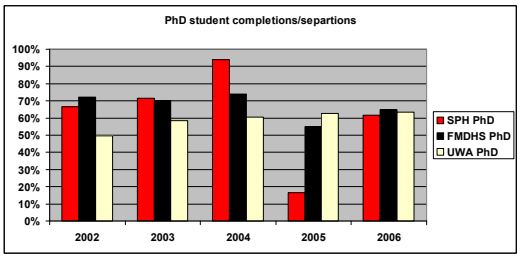
SPH PhD enrolments and completions





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Benchmarking of Population/Public Health in G08 Universities (per FTE ≥ B; 2006)

University	Staff	Students		Journal	Research Income				
	FTE ≥ B	PhD	Masters	C1	AGC	Public	Indust.	CRC	Total
Adelaide	48.9	1.0	0.1	1.0	15,407	110,125	44,994	0	170,525
ANU	35.4	0.7	**1.5**	0.3	0	40,509	105,904	**22,802**	-
Melbourne	56.0	1.4	0.2	**1.6**	75,767	103,698	91,093	3,892	274,449
Sydney	**66.0**	1.2	0.2	1.5	**100,981**	**129,951**	112,519	113	**343,564**
UNSW	65.1	0.0	0.0	1.0	17,362	22,185	7,624	0	47,171
UQ	65.1	1.6	0.1	1.4	69,443	64,549	33,314	1,098	168,403
UWA	31.1	**1.8**	0.7	1.4	81,177	121,646	26,438	3,553	232,815

Position	**7**	**1**	**2**	**3**	**2**	**2**	**6**	**3**	**3**

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What should I be doing?

- Academic Staff Agreement Schedule F - Minimum Standards for Academic Levels
  - Teaching and Research Academic Staff
  - Research Academic Staff
- Socrates https://www.socrates.uwa.edu.au/
  - 2007 Publications Imported
  - Grant information now being derived from InfoEd
  - Socratic index calculated from 2003 - 2007
  - Nature and Science papers awarded 5 UWA Points
  - C1 and E1 points split only by UWA researchers

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Comparison of SPH Average Socratic Index with Faculty and UWA (2007)

UWA	Outputs	Inputs	Total	Students
LVLA	1.5	0.8	2.3	0.3
LVLB	2.8	1.9	4.7	1.1
LVLC	4.7	2.6	7.3	2.3
LVLD	7.3	4.0	11.3	4.2
LVLE	10.8	7.1	17.9	5.4

FMDHS	Outputs	Inputs	Total	Students
LVLA	0.6	0.5	1.2	0.1
LVLB	2.1	2.1	4.3	0.6
LVLC	2.2	1.4	3.6	0.8
LVLD	4.2	4.8	9.0	1.6
LVLE	7.3	8.9	16.2	3.7

SPH	Outputs	Inputs	Total	Students
LVLA	0.3	0.3	0.6	0.1
LVLB	**3.8**	1.4	**5.1**	**1.3**
LVLC	**7.5**	**3.1**	**10.6**	**4.2**
LVLE	**10.4**	**17.1**	**27.5**	**12.8**

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How the money comes in…

	Grant	$	Pub	EFTSU	$/EFTSU	Comp $	Total $
2006	$100K			*Start			$0
2007	$100K		*	1	$2,565		$2,566
2008	$100K	$5,000	*	1	$2,565		$7,566
2009		$10,000	$1,209	* 1	$2,565		$12,565
2010		$10,000	$2,418	1	$2,565		$14,984
2011		$5,000	$2,418			$7,128	$14,546
2012			$1,209			$7,128	$8,337
2013						$7,128	$7,128
Total		**$30,000**	**$6,045**	**4**	**$10,259**	**$21,384**	**$67,691**

1 NHMRC grant $100,000/yr 2006 - 2009
2 Publications (single author) 2007 & 2008
1 PhD student (Sem 1 2006 – Sem 2 2009)