

CHANGES IN PERCEIVED AND EXPERIENCED CHALLENGES AND LEARNING STRATEGIES THROUGHOUT THE SECOND YEAR TRANSITION

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BACKGROUND

The second year slump is a well-recognised phenomenon affecting students' engagement, performance and transition through university (Wilder, 1993; McBurnie, Campbell & West, 2012). Although Australian studies have identified common causes (Loughlin, Gregory, Harrison & Lodge, 2013; Ainscough, Stewart, Colthorpe & Zimbardi, 2018), relatively less is known about students' perceived and actual challenges, and the dynamic use of strategies whilst transitioning through their 2nd year.

METHODS

Undergraduate 2nd year biomedical science students (n=511) were asked about their goals, anticipated challenges and strategies at the start of 1st semester, then the challenges they experienced and strategies used at the end of semester.

RESULTS & DISCUSSION

Almost all students identified academic goals, most frequently being desired performance (45% of responses) and progressive study to stay on top of content (38%). Students perceived time management (67%), increased content complexity/volume (38%) and balancing work-social-study commitments (20%) as the greatest challenges, which they aimed to overcome largely through planning and organisation strategies. Most experienced perceived challenges, however, often to a greater degree than anticipated. Unexpected challenges were frequently reported, managed by dedicating more time or adopting 1-3 new strategies. Academic resilience through the 2nd year transition may therefore require students to be highly adaptable in their learning approaches.

REFERENCES

- Ainscough, L, Stewart, E, Colthorpe, K & Zimbardi, K. (2018) Learning hindrances and self-regulated learning strategies reported by undergraduate students: identifying characteristics of resilient students, *Studies in Higher Education*, 43(12); 2194-2209.
- Loughlin, WA, Gregory, S-J, Harrison, G & Lodge, JM. (2013) Beyond the first year experience in science: Identifying the need for supportive learning and teaching environments for second year science students, *International Journal of Innovation in Science and Mathematics Education*, 21(4); 13-26.
- McBurnie, JE, Campbell, M, & West, J. (2012) Avoiding the second year slump: A transition framework for students progressing through university, *International Journal of Innovation in Science and Mathematics Education*, 20(2); 14-24.
- Wilder, J. (1993) The sophomore slump: A complex development period that contributes to attrition, *College Student Affairs Journal*, 12(2); 18-27.

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