

ACSME 2025

"Shaping the future with STEM education"

30 September – 2 October

University of Melbourne (Parkville Campus)



Leadership and Evidencing Impact in Education-Focused Academic Roles

ACSME workshop, Tuesday 30 September 2025

This workshop aims to provide participants with practical ideas about how they can demonstrate the impact of their leadership in science education. Outline:

Introduction (5 min) (*Prof Brian Yates, ACDS and UTAS*)

Leadership journeys in education and how to demonstrate impact (15 min)

- *A/Prof Louise Kuchel, UQ*
- *Dr Reyne Pullen, USyd*
- *A/Prof Anna Phillips, Monash University*

Discussion in small groups (15 min)

A Think about the stories you have just heard.

- When have you changed or guided teaching practices or educational organisation?
(We will share ideas from people at different stages of their careers, in different disciplines, with different examples of evidence of impact.)

B Practical outcomes from today's workshop

- Who is in your sphere of influence now? (see diagram over the page)
- What and who do you want to influence in your career?
- How might you go about doing this?

Sharing from each group, panel discussion and Q&A (20 min)

Conclusion (5 min) (*Brian Yates*)

Some examples of evidence to demonstrate impact of your education leadership

1. *Student outcomes:* improved retention and graduation rates, student satisfaction surveys, graduate employability data, increased participation.
2. *Academic program development:* creation or revitalization of programs, curriculum innovation, accreditation success, positive external reviews.
3. *Staff development and engagement:* mentoring programs, professional development initiatives, staff satisfaction or engagement scores.
4. *Research leadership:* collaborations, publications, HDR completions.
5. *Strategic and operational impact:* strategic plans, effective change, budgetary improvements, improved governance.
6. *Community and industry engagement:* partnerships, outreach programs, knowledge transfer.
7. *Awards and recognition:* awards for leadership or teaching, invitations to speak or advise on educational leadership.

LEADERSHIP FOR EDUCATION FOCUSED ACADEMICS

Higher Education Strategy or Area/Topic of Concern	Who and what is in your sphere?
E.g. student experience, curriculum design, assessment, critical thinking, CALD, student transitions, student learning in XXX, peer learning, etc.	E.g. students, academic staff, HoS, Dean, professional staff, approval committees, learning designers, discipline groups, experts, education organisations, etc.

