

A/Prof Silas Taylor

Nexus Fellow

Faculty: Medicine and Health

School: Clinical Medicine

Nexus Projects: Oral Assessment 2024-2026

Nexus Priorities: Assessment & Feedback, Learning Technologies and Digital Literacy, WIL & IRL

Nexus Project or Role Purpose & Overview (per project or role)

Purpose:

To develop scalable oral assessment (OA) approaches that maintain assessment integrity in AI-saturated environments while enhancing authentic evaluation of communication, reasoning, and disciplinary oracy.

Project/role overview:

Led integration of communication skills pedagogy into OA design, adapting clinical assessment frameworks and rubrics for broader use. Trialled platforms such as OSPIA (VETME) for delivery and assessment, and used SimConverse and other AI virtual patient tools to prepare students formatively for summative OA.

Skills Developed:

Translation of communication assessment frameworks across disciplines; rubric design for oral performance; implementation of scalable OA systems; evaluation of AI-enabled learning tools; aligning formative AI practice with summative assessment requirements.

Activities, Outputs and Outcomes (per project or role)

- Wide consultation on needs and challenges associated with OA
- Adaptation of processes and technologies used in Medicine communication skills teaching and assessment to OA
- Large scale pilot of AI-enabled Virtual patient platform to illustrate capability and acceptability as venue for formative practice of selected OA approaches

Evidence of Impact (Implementation)

School/Faculty involvement: FMH SPH and SoCM; Eng; ADA	Courses/Programs Involved: FMH: Medicine and Optometry programs initially	Workshops delivered (n= 2)	Collaborations: Nexus GOAT project team; PVCE Education Solutions; FMH Education Academy; Medicine program redesign team; Medicine Assessment Committee
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Evidence of Impact (SoTL)			
Presentations (n=)	Publications (n=)	Blogs (n=)	Ethics applications (n=)

Relevant Links/Education (Research/SoTL/Resources) Output List

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