

Staying Current With the Scholarship of Teaching and Learning As A Busy Educator

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SoTL Journals

Journal	Link	Description	Example
International Journal for Scholarship of Teaching and Learning	IJSoTL	Transdisciplinary, open-access; international forum for research and information about the SoTL.	Better remedies for bad exams: Correcting for difficult questions in a fair and systematic way.
Journal of the Scholarship of Teaching and Learning	JoSoTL	Transdisciplinary, open-access; a forum for the dissemination of the SoTL in higher education for the community of teacher-scholars.	Teaching issues of equity and oppression in a business ethics course.
The Canadian Journal for the Scholarship of Teaching and Learning	CJSoTL	Journal for the Society of Teaching and Learning in Higher Education. Transdisciplinary, open-access.	A metacognitive instructional guide to support effective studying strategies.
Teaching and Learning Inquiry	TLI	TLI publishes peer-reviewed SoTL research in higher education across disciplinary, institutional, and geographical contexts.	Incorporating arts-based pedagogy: Moving beyond traditional approaches to teaching qualitative research.
Canadian Journal of Higher Education	CJHE	Transdisciplinary, open-access; aims to contribute to research and scholarly debate on higher education in Canada.	Post-secondary student belonging in a virtual learning environment during COVID-19.
University of Toronto Database of SoTL Journals	Database of SoTL Journals	A research guide of SoTL journals organized by discipline.	
Syllabus	Syllabus journal	This journal publishes original syllabi, assessment instruments,	Preparing students to compose across media



		assignments and activities, and articles related to college teaching.	for various audiences: Syllabus for an upper-level professional writing course.
CBE – Life Sciences Education	CBE – Life Sciences Education	Free online quarterly journal. Focuses on how students are introduced to the study of life sciences.	Identifying group work experiences that increase students' self-efficacy for quantitative biology tasks.
Physical Review Physics Education Research	Physical Review Physics Education Research	Covers experimental and theoretical research relating to the teaching and learning of physics and astronomy. Open access.	Comparing introductory undergraduate physics learning and behavior before and after the COVID-19 pandemic.
Journal of Research in Science Teaching (JRST)	JRST	Publishes reports for science education researchers and practitioners on issues of science teaching and learning and science education policy.	Can we and should we use artificial intelligence for formative assessment in science?
Higher Education	Higher Education	International journal on higher education studies. Examines educational developments throughout the world.	The impact of applied project-based learning on undergraduate student development.
Scholarship of Teaching and Learning in Psychology	Scholarship of Teaching and Learning in Psychology	Features teacher-ready reviews of current research and contemporary theories and empirical research designed to foster systematic intentional changes to improve teaching and learning outcomes.	Statistics is puzzling: Testing a novel approach to statistics learning.
Journal of Teaching and Learning (JTL)	JTL	International, peer-reviewed journal that seeks manuscripts that provide a critical examination of education and publishes original research that contributes to questions in teaching and learning.	Visualizing cancer: A transdisciplinary art and biology collaborative.

Teaching and Learning Conferences

Title	Link	Description
Teaching and Learning Innovations Conference	TLI Conference	University of Guelph's annual teaching and learning conference.
Society for Teaching and Learning in Higher Education	STLHE Conference	Annual conference for instructors, students, and educational developers hosted at a Canadian university.
McMaster Conference on Education & Cognition	EdCog	Annual conference at McMaster focused on exploring how cognitive principles can inform instructional design and critical issues in education to bridge the gap between the lab and the classroom.
The Teaching Professor Conference	Teaching Professor Conference	US transdisciplinary conference focused on practical, evidence-based tools and practices to help professors excel in the classroom.
Western Conference on Science Education (WCSE)	The Western Conference on Science Education	Annual conference held at Western University with a mission to improve post-secondary Science education through the exchange of experience, innovation, ideas, and research in teaching and learning across disciplines.
Open Consortium of Undergraduate Biology Educators (oCUBE) Unconference	oCUBE Unconference	Supercool group of very engaged biology educators in Ontario. Unconference format is designed to promote interactions between biology educators.
Society for the Advancement of Biology Education Research (SABER)	SABER Conference	Biology education conference – growing number of regional conferences (with one coming up in the next few years in Western NY).
Association for Biology Laboratory Education	ABLE Conference	Focused on improving undergraduate biology laboratory experience by promoting the development and dissemination of interesting, innovative, and reliable laboratory exercises.
Canadian Society for the Study of Higher Education (CSSHE)	CSSHE	Annual conference as a part of the Social Sciences Humanities Research Congress.

Teaching and Learning Blogs

Title	Link	Description	Example
Faculty Focus blog	Faculty Focus	Faculty Focus publishes three articles each week written by instructors, teachers, instructional designers, and others from around the world, where they provide insight into what's working (and what's not) in the classroom and online.	The Last Class Session: How to Make It Count
The Learning Scientists blog	Learning Scientist	Written by cognitive psychological scientists interested in research on education and the science of learning.	Should I share my learning outcomes with my students?
The Teaching Professor	The Teaching Professor	The Teaching Professor is the lively, highly informative newsletter with a singular purpose: to provide ideas and insight to educators who are passionate about teaching.	Finding a Path with a Heart
UWindsor Teach & Learn	Teach & Learn	Teach & Learn is a blog maintained and hosted by the University of Windsor's Centre for Teaching and Learning featuring scholarly conversations on teaching and learning by CTL staff, faculty and students from the broader campus community, and invited guests from beyond.	Is video feedback effective? [Spoiler alert: You should try it!]

Teaching and Learning Podcasts

Title	Link	Description	Example
Lecture Breakers	Lecture Breakers Podcast	The place where college professors, instructors, and educators share innovative teaching strategies, practical ideas, and teaching tips to help you break up your	Ep. 136: How to Use ChatGPT to Create Engaging Experiences with Dr. Jason Gulya



		lecture, energize your classroom, increase student engagement, and improve learning.	
Teaching in Higher Ed podcast	Teaching in Higher Ed podcast	A faculty development podcast for professors.	Engaging Students Through Collaborative Research Projects
Tea for Teaching	Tea for Teaching Podcast	Discussions of innovative and effective practices in teaching and learning.	Improving Learning and Mental Health
Anti-Racist Educator Reads	Anti-Racist Educator Reads	A Canadian podcast where the host and guests read and discuss a book related to racial justice. They discuss historical contexts and connections to education.	Teaching to Transgress ft. Fiona Lloyd-Henry
Gettin' Air Podcast	Gettin' Air Podcast	Gettin' Air is a VoicEd radio show/podcast (voiced.ca). Terry Greene has 30-ish minute chats with those working in open and technology-enabled learning. He has fun making them. Maybe you will have fun listening. See show notes for recent episodes.	Conversation with Fiona Rawle
Vet Sessions	Vet Sessions podcast	Ontario Veterinary College created podcast related to teaching and learning in veterinary medicine.	The Evolution of Veterinary Clinical Skills Training with Dr. Andria Joy
The Cult of Pedagogy Podcast	The Cult of Pedagogy Podcast	Teaching strategies, classroom management, education reform, educational technology — if it has something to do with teaching, we're talking about it. On the podcast, I interview educators, students, administrators and parents about the psychological and social dynamics of school, trade secrets, and other juicy things you'll never learn in a textbook. Other episodes feature me on my own, offering advice on ways to make your teaching more effective and more fun.	Unpacking Trauma-Informed Teaching

Shifting Conversations	Shifting Conversations Podcast	A podcast of 3M National Teaching Fellows talking about different contemporary topics related to teaching and learning.	Decolonization, Indigenization, Reconciliation. Whose Definitions Matter? Unsettling Language with Dr. Tim Tallbear.
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Knowledge Translation

Title	Link	Description	Examples
SoTL Snapshots	SoTL Snapshots	Brief summaries of SoTL research studies; Created by the Office of Teaching and Learning (University of Guelph).	Implementing a 'late bank' can reduce student stress
Scholarship of Teaching and Learning: Annotated Literature Database	SoTL Annotations Database	Summaries of key literature that will support your practice or research in postsecondary teaching and learning; Created by Nicola Simmons (Brock University).	Deep vs. surface approaches to learning

Teaching and Assessment Resources

Title	Link	Description	Example
National Institute for Learning Outcomes Assessment (NiLOA) Assignment Library	NiLOA Assignment Library	Peer reviewed assessment descriptions for many subject areas; often include rubrics.	Heritage Minute Assignment
National Science Teacher Association (NSTA) Case Collection	NSTA Case Collection	Open source case studies created and curated by the National Center for Case Study Teaching in Science. Includes teaching notes and answer keys.	Conservation Concerns: Investigating Threats to Native Wetland Biodiversity
JoVE: Journal of Visualized Experiments	JoVE: Journal of Visualized Experiments	16,000+ videos of laboratory methods and science concepts; subscription required.	Standardization and Maintenance of 3D Canine Hepatic and Intestinal Organoid



			Cultures for Use in Biomedical Research
NBME Item-Writing Guide: Constructing Written Test Questions for the Basic and Clinical Sciences	NBME Item-Writing Guide	Comprehensive guide for writing effective multiple-choice questions; designed for use in medical and veterinary sciences.	
National Centre for Collaboration: Indigenous Education Teaching Resource Centre Resource Library	NCCIE	Website hosted by First Nations University of Canada. It looks at Indigenous education from distinctly Indigenous perspectives.	Lesson Plans on NCCIE.CA for Teaching Subjects
SIFT (The Four Moves)	SIFT	A model to help students distinguish fact from fiction.	
CourseSource: Evidence-based teaching resources for undergraduate biology and physics	CourseSource	An open-access journal of peer-reviewed teaching resources for undergraduate biology and physics.	Who's That Spec-Mon? Using Pokemon to Understand Biological Terminology Using Greek and Latin Roots
CBE – Life Sciences Education teaching guides	CBE -LSE Teaching Guides	Web-based guides about implementing evidence-based teaching strategies including problem solving, peer instruction, and inclusive teaching.	Group Work.