

Transcript: Guide to Produce Scoping Literature

Reviews Using AI Tools (Part 3)

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Script for Slide 1: Title Slide

Hello everyone! Imagine unlocking a secret to transform your curiosity into breakthroughs! Welcome to our Guide to Produce Scoping Literature Reviews Using AI Tools, this is Part 3. I'm Tony Bailetti AI from Carleton University's School of Business, Technology Innovation Management program. Today, we're not just updating a guide—we are building a step-by-step tool for students and faculty to master AI-powered reviews. Picture a clear, powerful process that takes you from one question to real impact—that's our destination, so stay with me as we lay the foundation next!

Script for Slide 2: Our Objective

Now, let's connect the dots. This guide's where it shines with bold objectives and a powerful promise. Imagine crafting sharp research questions that cut through the noise, ditching vague hopes, then running thorough, reproducible reviews you can stand behind. Add AI tools to select, screen, and synthesize studies, with ethics at the core, while building a collaborative community to share and refine together—this isn't a solo gig. These aren't just goals, they're commitments driving us forward, and next, we'll see why keeping them fresh counts.

Script for Slide 3: Updating Scoping Review Guide

So, why update this guide? Because life doesn't stand still, and neither should we. Research methods evolve, and AI tools advance. To stay valuable, we must keep pace. Here's how: a version control system to track changes, an AI disclosure statement to

clarify machine and human roles, contribution

pathways to include your voice, and an epilogue to tie it to the bigger picture. Now, let's see how we keep it tight and transparent next.

Script for Slide 4: Version Control & Updates

Time to dive into mechanics. Imagine building a house—you need a solid foundation and roadmap. Our version control system nails it—major leaps from v1.0 to v2.0, minor tweaks from v1.1 to v1.2, all tracked in a change log with feedback from faculty, students, and clients, sealed by an editorial board. Updates roll out every six months, with quick fixes for new ideas, past versions remain accessible, and major updates get a spotlight—we're at Version 1.0, last updated March 4, 2025. This keeps us current, but the AI-human balance—coming up next—keeps us honest.

Script for Slide 5: AI Assistance & Human Oversight

Here's where the rubber meets the road: AI and human oversight. Tools like ChatGPT, Perplexity, Gemini 2.0, Grok 3—they draft, summarize, structure. They're fast, they're smart. But they don't run the show. Humans do. We check facts, ensure coherence, enforce rigor. Every AI word gets reviewed, refined, verified—citations double-checked, biases hunted down through multiple cycles. It's ethical integration, aligned with academic integrity. Machines enhance, we decide.

Script for Slide 6: Ways to Contribute

My friends, this isn't my guide—it's ours, and it's begging for your touch. How do you step in? Enhance review methods—sharpen scoping, strengthen systematic approaches for trusted precision. Add vivid case studies and real-world demos to spark

interest. Improve clarity—hunt errors, fill gaps, keep it simple and clear. Dig into grey literature for hidden gold. Build troubleshooting to tackle irrelevant results or thin data. Keep AI honest—verify citations, curb bias, stay ethical. Your ideas don't just tweak it—they fuel an unstoppable force. Next, we'll honor those driving it forward.

Script for Slide 7: Acknowledgements

Let's pause for a moment of gratitude. To the Technology Innovation Management faculty and students at Carleton University—your best practices and insights have shaped this guide, enhancing how we learn, research, and innovate. You're the heartbeat of this effort, guiding us seamlessly toward the broader vision ahead.

Script for Slide 8: Future of Research with AI

As we wrap up, remember this : AI enhances, not replaces human expertise, striking a balance between automation and critical thinking. Through dynamic scoping reviews—built on careful planning, systematic execution, and ethical focus, AI helps spot gaps, reveal trends, and light the way for future research. By embracing transparency, accountability, and adhering to standards like PRISMA-ScR and JBI, your insights become the foundation for tomorrow's breakthroughs.

Script for Slide 9: Closing

This is your moment to shape the future of research with AI—the tools are ready, and the time is now. What will you do with this opportunity? Let's seize it and make it happen!