



LEVELUPLAB 2026 PROGRAM

	TIME	Mixed Methods Research Sessions Expert: Timothy C. Guetterman, PhD	VENUE: VB – Valikhanov Building
DAY 1 – MAY 18	09:00 – 09:30	WELCOME COFFEE AND REGISTRATION	3rd floor
	09:30 – 10:00	OPENING CEREMONY	#326/VB
	10:00 – 11:15	Session 1	#322/VB
	11:15 – 11:30	Break	
	11:30 – 12:45	Session 2	#322/VB
	12:45 – 14:00	COFFEE BREAK	#326/VB
	14:00 – 16:00	Self-Guided Learning	
END OF DAY 1			
DAY 2 – MAY 19	09:30 – 10:00	MORNING COFFEE	3rd floor
	10:00 – 11:15	Session 1	#322/VB
	11:15 – 11:30	Break	
	11:30 – 12:45	Session 2	#322/VB
	12:45 – 14:00	COFFEE BREAK	3rd floor
	14:00 – 15:30	COLLABORATIVE KICK-OFF (an interactive and fun community-building activity)	#326/VB
	15:30 – 17:00	Self-Guided Learning	
END OF DAY 2			
DAY 3 – MAY 20	09:30 – 10:00	MORNING COFFEE	3rd floor
	10:00 – 11:15	Session 1	#322/VB
	11:15 – 11:30	Break	
	11:30 – 12:45	Session 2	#322/VB
	12:45 – 14:00	COFFEE BREAK	#326/VB
	14:00 – 16:00	Self-Guided Learning	
END OF DAY 3			
DAY 4 – MAY 21	09:30 – 10:00	MORNING COFFEE	3rd floor
	10:00 – 11:15	Session 1	#322/VB
	11:15 – 11:30	Break	
	11:30 – 12:45	Session 2	#322/VB
	12:45 – 14:00	COFFEE BREAK	#326/VB
	14:00 – 16:00	Self-Guided Learning	
END OF DAY 4			
DAY 5 – MAY 22	09:30 – 10:00	MORNING COFFEE	3rd floor
	10:00 – 11:15	Session 1	#322/VB
	11:15 – 11:30	Break	
	11:30 – 12:45	Session 2	#322/VB
	12:45 – 14:00	COFFEE BREAK	3rd floor
	14:00 – 15:00	CLOSING CEREMONY	#326/VB
END OF LEVELUPLAB 2026			



DESIGNING AND CONDUCTING MIXED METHODS RESEARCH: PRACTICAL SKILLS FOR ACADEMIC RESEARCH AND EVALUATION



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About the Expert:

Timothy C. Guetterman, PhD, is an applied research methodologist specializing in general research design and mixed methods research. Tim is an Associate Professor and Associate Director of the Mixed Methods Program at the University of Michigan. His methodological interest is to advance rigorous methods for quantitative, qualitative, and mixed-methods research, particularly strategies for intersecting and integrating qualitative and quantitative research. He also conducts health services research focused on improving quality and safety through informatics technology. Tim has also focused on capacity building in teaching, learning, and research methods. He has extensive professional experience conducting program evaluation with a focus on educational and healthcare programs. He serves as Co-Editor-in-Chief for the Journal of Mixed Methods Research. He co-authored the sixth and seventh editions of Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research, with John W. Creswell. He is the Immediate Past-President of the Mixed Methods International Research Association.

- [University of Michigan Profile](#)

- [Google Scholar Profile](#)

Overview:

Mixed-methods research integrates qualitative and quantitative approaches to provide a more complete understanding and new insights. Over five days (two 75-minute sessions per day), this training will review the foundations of mixed methods research. It will be interactive, with periods of lecture, time to apply skills (exercises extensively used and vetted for building mixed-methods skills), and time to ask questions. The major topics covered include: defining mixed-methods research, crafting the intent (objectives, aims, research questions), identifying qualitative and quantitative data sources, selecting a mixed-methods design, achieving meaningful integration of qualitative and quantitative research, and writing mixed-methods research.

Aims: Develop skills in designing and conducting rigorous mixed methods research.

Target Skill: Designing mixed methods – writing mixed methods specific research questions or objectives, identifying a rationale for mixed methods, articulating data sources, selecting and describing a design through a procedural diagram, planning for and achieving integration.



DAILY SESSIONS SCHEDULE:

Day 1 – Monday, May 18

Foundations of Mixed Methods Research

- Define mixed methods research and distinguish it from qualitative and quantitative approaches
- Identify when and why mixed methods are warranted
- Examine common rationales for mixed methods research
- Introduce core mixed methods designs and terminology

Day 2 – Tuesday, May 19

Crafting Intent and Research Questions

- Develop mixed methods objectives, aims, and research questions
- Differentiate qualitative, quantitative, and mixed methods questions
- Align research questions with appropriate mixed methods designs
- Identify qualitative and quantitative data sources

Day 3 – Wednesday, May 20

Selecting and Designing Mixed Methods Studies

- Review core mixed methods designs (convergent, explanatory sequential, exploratory sequential, embedded)
- Select appropriate designs based on research intent
- Develop procedural diagrams for mixed methods studies
- Address timing, priority, and points of interface

Day 4 – Thursday, May 21

Integration and Quality in Mixed Methods Research

- Examine integration as the defining feature of mixed methods research
- Explore strategies for integration at design, methods, and interpretation stages
- Use joint displays to integrate qualitative and quantitative data
- Apply core quality criteria for mixed methods research

Day 5 – Friday, May 22

Writing and Advancing Mixed Methods Studies

- Write mixed methods sections for proposals and manuscripts
- Present and critically discuss mixed methods study designs
- Discuss pathways to publication, funding, and evaluation contexts

Expected Outcome:

By the end of the training, participants will have the building blocks for a rigorous, coherent mixed-methods study. This includes a research question or objectives, a mixed methods study design, a data sources table, and a description of integration strategies. These products can help draft a proposal or a manuscript, depending on the participant's stage.

Pre-Workshop Reading List (May 11-17):

- Fetters, M. D., Curry, L. A., & Creswell, J. W. (2013). Achieving integration in mixed methods designs principles and practices. *Health Services Research*, 48(6 Pt 2), 2134–2156. <https://doi.org/10.1111/1475-6773.12117>
- Guetterman, T. C., Fetters, M. D., & Creswell, J. W. (2015). Integrating quantitative and qualitative results in health science mixed methods research through joint displays. *Annals of Family Medicine*, 13(6), 554–561. <https://doi.org/10.1370/afm.1865>
- Guetterman, T. C., & Manojlovich, M. (2024). Grand rounds in methodology: Designing for integration in mixed methods research. *BMJ Quality & Safety*, 33(6), 470–478. <https://doi.org/10.1136/bmjqs-2023-016112>
- Hirose, M., & Creswell, J. W. (2022). Applying core quality criteria of mixed methods research to an empirical study. *Journal of Mixed Methods Research*, 17(1), 12–28. <https://doi.org/10.1177/15586898221086346>