Proceedings of the 2025
Informing Science and Information Technology Education Conference (InSITE)
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Introduction

Welcome to the Proceedings of the Informing Science and Information Technology Education Conference (InSITE) 2025. This volume reflects the conference theme: "Resilience and Innovation: Shaping the Future through Global Collaboration," and highlights a diverse body of research that addresses the complex challenges of our time with creativity, adaptability, and a spirit of cooperation.

The theme of resilience is prevalent in many of the papers, examining how individuals, institutions, and technologies adapt and thrive in the face of disruption. Studies on misinformation, data privacy, pandemic recovery, and educational equity reveal how scholars are tackling instability with insight and determination. Whether exploring small business resilience, educational transitions post-COVID, or the psychological dimensions of trust in AI, the authors illuminate how adaptability under pressure leads to lasting progress.

Innovation features prominently across the proceedings, particularly in the transformative potential of generative AI. Papers examine the integration of AI in teaching, communication, assessment, and cybersecurity, offering both practical models and critical reflection. Several contributions explore how universities are rethinking pedagogy, from embedding AI prompt engineering into curricula to fostering computational thinking through interdisciplinary collaboration.

Global collaboration is not only a theme but a lived reality of this collection. The proceedings bring together voices from a range of geographic and disciplinary backgrounds, unified in their effort to co-create knowledge that is inclusive and impactful. Research on cross-cultural learning, DEI assessments, international student support, and culturally responsive practices demonstrates a commitment to shaping a more just and connected academic and professional world.

The breadth of topics, from machine learning in financial security to ethics in deepfake technologies, from AI-enhanced health apps in Uganda to land acknowledgments in higher education, illustrates how collaborative scholarship can transcend borders and bridge divides. Together, these contributions affirm that resilience and innovation are not solitary endeavors but collective achievements forged through dialogue, experimentation, and shared purpose.

InSITE 2025 offers a compelling snapshot of how scholars and practitioners are not only responding to today's challenges but proactively shaping the future. We invite you to explore these proceedings and join the conversation on how information science, technology, and education can foster resilient, innovative, and globally connected communities.

We extend our sincere appreciation to all the authors who contributed their work to InSITE. Their expertise and dedication have enriched the scholarly discourse and propelled the advancement of education, information technology, and informing science. Additionally, we express our gratitude to the diligent reviewers for their meticulous evaluation and insightful feedback, which ensured the quality and rigour of the papers included in this volume.

We trust that the Proceedings of InSITE 2025 will serve as a valuable resource for researchers, educators, practitioners, and policymakers in the fields of education, information technology, and informing science. It is our hope that the ideas and findings presented in these papers will inspire further exploration and innovation, leading to transformative practices and improved outcomes in information dissemination and education.

We invite you to immerse yourself in the wealth of knowledge and diverse perspectives presented in this volume. May it spark meaningful discussions, prompt new research directions, and empower you to make impactful contributions to the fields of education, information technology, and informing science.

Thank you for joining us on this enlightening journey, and we wish you a rewarding and intellectually stimulating experience as you engage with the Proceedings of InSITE 2025.

Sincerely,
Michael Jones, Betty Boyd, Eli Cohen, and Grandon Gill.

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Review Process

Unless otherwise noted in the paper, all submissions underwent double-blind peer review, meaning that both author and affiliation information were removed and the reviewers' identities were also concealed. Each paper was evaluated by a panel of three or more external reviewers. Reviewers were matched to papers using a formula to minimize the cognitive distance between reviewers' stated expertise and interest and the topics covered in the paper.

Reviewers were instructed to mentor the authors by providing feedback on how to improve the submission. They were further required to recommend whether or not the paper should be accepted using a nine-point scale (from "reject" to "must accept").

Selected proceedings papers were also published in one of the Informing Science Institute journals.