

# POSTGRADUATE VISION 2026

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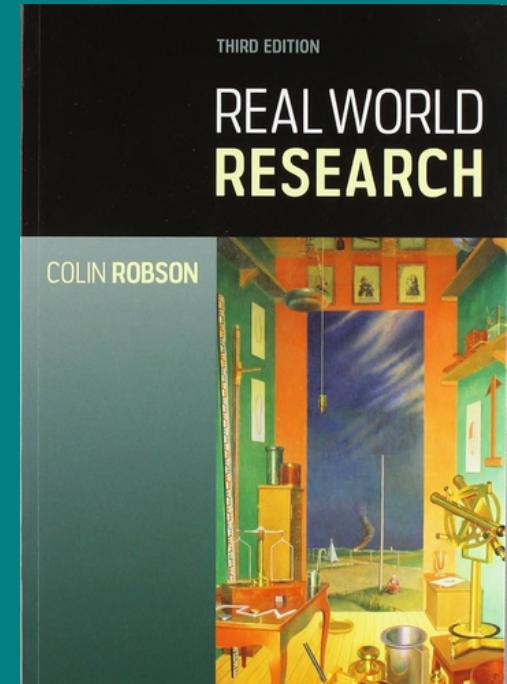


# Why Vision 2026 Matters



## RAPID ADVANCEMENTS

The pace of **technological progress** in digital informatics necessitates a strategic vision to leverage innovation for postgraduate research success.



## INCREASING DEMAND

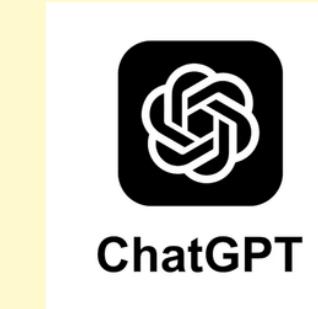
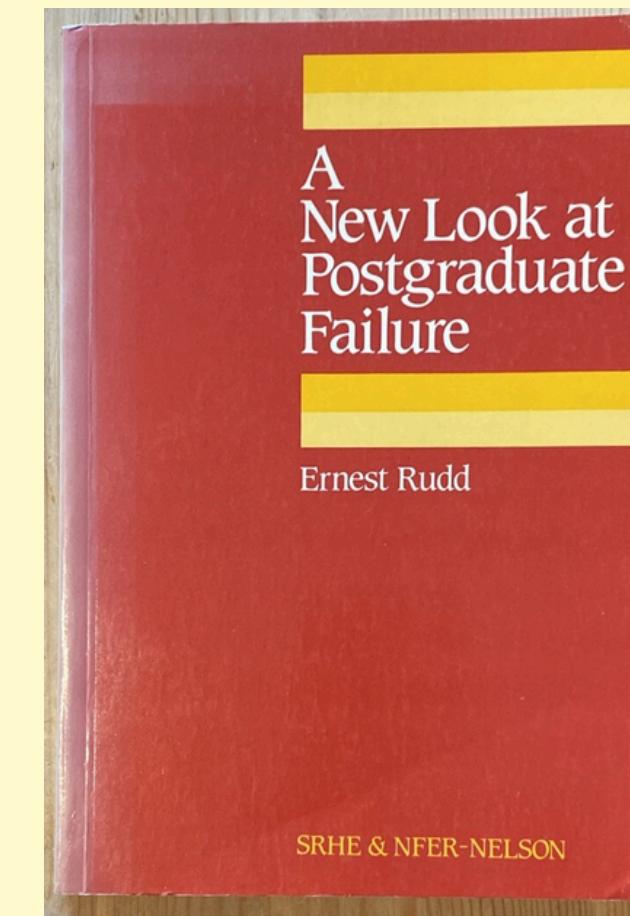
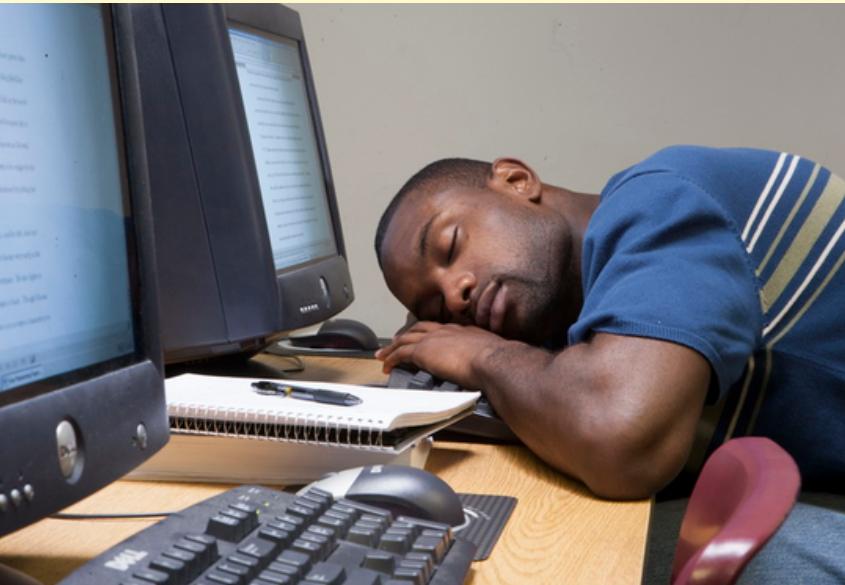
Stakeholders increasingly seek impactful, **real-world research** outcomes that address pressing societal challenges and enhance academic institutions' relevance and contribution.



## GLOBAL COMPETITION

Intense competition for **funding and talent** drives the need for UTM to position itself as a leader in intelligent informatics research.

# Postgraduate Research Today: Opportunities & Challenges



## OPPORTUNITIES

Emerging fields such as AI and data analytics present vast possibilities, while Industry 4.0 drives demand for innovative interdisciplinary research and collaboration.

## CHALLENGES

Siloed research and limited cross-faculty exposure hinder innovation, alongside the need to balance academic rigor with practical impact and retention efforts.

# Key Strategic Initiatives



## ENGAGEMENT

Elevating postgraduate engagement through regular colloquia and mentoring circles fosters a supportive community, enhancing collaboration and research output among students.



## RESEARCH

Fostering interdisciplinary research by creating cross-faculty clusters encourages innovative collaboration, allowing diverse expertise to address complex problems effectively.



## COLLABORATION

Strengthening collaboration networks with industry partners and international programs enhances opportunities, facilitating impactful research projects and broadening postgraduate horizons.

# Build Pathways to Impact

## INNOVATION

Support innovation through dedicated resources, fostering a culture that encourages creative solutions to real-world challenges faced by society.



## TRAINING

Provide training in proposal/thesis/grant writing and entrepreneurship, equipping postgraduate students with essential skills for successfully navigating research funding landscapes.



## COLLABORATION

Enhance collaboration with industry partners, enabling joint projects that translate research into tangible impacts and stimulate economic growth.



# How Vision 2026 Shapes Your Future

**SPRINGER NATURE**



Association for  
Computing Machinery

 **Clarivate™**  
**Web of Science**

**IEEE Access®**  
Multidisciplinary : Rapid Review : Open Access Journal



PeerJ

PeerJ  
Computer Science

PeerJ  
Preprints

## DEVELOP VERSATILE SKILLS

Engaging in diverse postgraduate activities will help you develop technical, collaborative, and leadership skills, essential for today's competitive job market.

## INCREASE PUBLICATION QUALITY

Collaborating with peers can enhance your research output, leading to a higher quality and quantity of publications that gain global recognition.

 **PLOS**  
**ONE**

A peer-reviewed, open access journal

# Thank you

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