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Human-Computer Interaction Design for Emerging Technologies

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Abstract: This article presents a multifaceted case for the inclusion of the important Human-Computer Interaction (HCI) subject matter at both the graduate and undergraduate levels of the Association of Information Systems (AIS) model curricula. Based on the presentations and discussions during a panel at the 2003 Americas Conference on Information Systems (AMCIS), we first present the rationale for incorporating HCI materials in Management Information Systems (MIS) curricula. Second, we present a list of relevant and important HCI knowledge and skills that our students need for effective careers. Third, given the limited number of credit hours available to each MIS program, we explore several strategies and options for the integration of HCI into current and future MIS courses. Finally, drawing upon teaching experiences of the authors, we provide pedagogical suggestions for teaching HCI to undergraduate and graduate students.

Keywords: Mixed Methods Research, Human-computer Interaction, Resilience, Resilience Strategies, Technology, Artefacts, Information Systems Keywords: Mixed Methods Research, Human-computer Interaction, Resilience, Resilience Strategies, Technology, Artefacts, Information Systems.

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