

**SLIS Doctoral Student Research Forum
Poster Abstract**

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Poster title: Interfaces and Interaction Models for Video Information Systems

Abstract:

The research presented in this poster will focus on video information retrieval (IR). Considering the breadth of research being conducted under the video IR umbrella, I set out to investigate a specific two-dimensional research problem that included 1) understanding general interactions between users and video information systems, and 2) how key findings can be used to design transparent user interfaces. It is believed that the approach taken in this investigation is long overdue because current video IR research is predominately systems-centered. Video IR research needs to further employ user-centered strategies, and ultimately progress toward a video information seeking model. Considering the current state of video IR is still too young and undefined to produce any theoretical models, this research will attempt to shift video retrieval research in a user-centered direction. This study expresses the need for identifying general, or low-level, interactions between users and video retrieval systems, and developing and evaluating interface features and functions based on these observations.