

WILLIAM S. Spears School OF BUSINESS
 INSTITUTE FOR RESEARCH IN INFORMATION SYSTEMS
 DEPARTMENT OF MANAGEMENT SCIENCE AND INFORMATION SYSTEMS

MSIS Department Research in Project and Knowledge Management Oklahoma State University

Ramesh Sharda
 KPM Symposium 2007
 October 3-4, 2007

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Department 'themes'

- External Funding
- Information Assurance and Security
- Data Mining
- Information Overload
- Enterprise Systems
- The 4R's
 - 'Rigorous research with real relevance'

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Recent external funding successes

- CTANS – Dr. Weiser (with Drs Biros, Lee)
 - National repository of Digital Forensic Intelligence
 - 2006-2007 – Capacity, 2007-2008 – Creation ...
 - Others submitted, under consideration
- IRIS – on-going various funded projects
 - Knowledge Retrieval project at Defense Ammunitions Center

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Recent external funding successes

- C. Fuller's dissertation – Dept. of Defense Polygraph Institute
- Dr. Biros
 - Text-based deception detection – with Drs Burgoon and Nunamaker (AFOSR)
 - Deception and group performance – with Burgoon and Major Hess
- Dr. Romano (with Garry Booker) – EVA – Earned value office animator
- Dr. Lee – NSF grants for emergency management and information assurance workforce

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Data protection

- Data sanitation – Dr. Amiri
- PATENT – Dr. Sarathy recently awarded a patent for data shuffling algorithm
- Impact of data protection on value added by data mining – Drs. Wilson and Rosen

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Data Mining

- Movie Forecasting with NN - Drs Delen and Sharda
- Medical and health-care applications – Dr. Delen
- Decision making/analysis in sports – Dr. Wilson (Dr. Rosen)
- Others - long been an area of department's focus

Rigorous Research with Real Relevance

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