

ISTeC (Information Science and Technology Center) Research Advisory Committee
 Retreat on the Scientific and Engineering Foundations of Information Science and
 Technology
 Saturday, May 8, 8:15am to 3:00pm, Lory Student Center

DOSSIER

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Research Interests (one paragraph):	
<p>Computer Vision. More particularly, object recognition, geometric matching, face recognition and performance characterization.</p>	
Titles of current research projects (funded or not):	
<p>Statistical Methods for Understanding Face Recognition Systems. A Three-dimensional in Vivo System for Visualizing Gene Expression Cooperative Coevolution for Constructing Teams of Agents.</p>	
Current collaborations inside and outside your department:	
<p>Geof Givens, Statistics, Characterizing behaviors of face recognition algorithms. Michael Kirby, Mathematics, Subspace methods for pattern classification. June Medford, Biology, Interpreting three dimensional images of growing plants.</p>	
Breakout sessions you would like to attend at the retreat (please rank order from 1 to 3):	
	Alternative models of computing
	Computing and information processing in support of basic science and engineering
3	Dense sensor networks
1	Imaging and tracking
2	Automatic image, text, and speech recognition for multimodal interfaces and search engines
	Other (Please suggest a title.)

Faculty at CSU whom you would like to see included into your preferred breakout group:

Michael Kirby (Mathematics) – I have already coordinated with him on this.

One optional paragraph you would like other participants to read before the retreat:

There is substantial technical overlap between the “Imaging and Tracking” and “Automatic image, text ...” breakout groups. Gaining a clearer view of where and how Computer Vision is being used and developed at CSU is one desirable outgrowth of this meeting.