McCormick Robert R. McCormick School of Engineering and Applied Science

McCormick

Excellence at all Levels

April 7, 2005

Julio M. Ottino, Dean































McCormick Rotert R. McCormick School of Engineering and Applied Science Trends Energy Environment Health Information Security... Not very useful...



Robert R. McCormick School of Engineering and Applied Science

Large Scale Trends

- (1) The boundary between science, engineering, technology, and medicine is being completely blurred into a seamless chain.
- (2) The waves of innovation are becoming shorter.
- (3) Technology is permeating all areas of society Technological literacy essential ingredient of 21st century humanistic education;
 Essential to informed public-policy decisions.

























McCormick

Robert R. McCormick School of Engineering and Applied Science

Consequences: McCormick's Positioning

<u>oludents</u> .	a big picture component
Faculty:	where interdisciplinary work can flourish
Academia:	faculty candidates trained in emerging areas and capable of adapting in times of change
Industry:	source of knowledge, future human resources, research collaborations
Recruiters:	undergraduate students who have superior technical knowledge, and innovation and team leadership skills
	graduate students who are not narrow but have a broad outlook
<u>Alumni</u> :	source of networking, a source of life-long knowledge









