

SUMMIT PLANNING COMMITTEE

Perry Alexander, Co-Chair, Professor of Electrical Engineering & Computer Science/
Director of Information and Telecommunication Technology Center

Nancy Baym, Co-Chair, Professor of Communication Studies

Leonard Krishtalka, Co-Chair, Professor of Ecology & Evolutionary Biology/Director
of the Biodiversity Institute

Arienne Dwyer, Associate Professor of Anthropology/Co-Director of the Institute for
Digital Research in the Humanities

Saralyn Reece Hardy, Director of the Spencer Museum of Art

Steve Hawley, Professor of Physics & Astronomy/Director of Engineering Physics

Deborah Ludwig, Assistant Dean of Libraries/Director of the Center for
Digital Scholarship

Susan Lunte, Ralph N. Adams Distinguished Professor of Chemistry and Pharmaceutical
Chemistry/Ralph N. Adams Institute for Bioanalytical Chemistry

Mary Morningstar, Associate Professor of Special Education/Director of the
Transition Coalition

Prakash Shenoy, Ronald G. Harper Distinguished Professor of Artificial Intelligence,
School of Business

Staff: Sandra Hannon, Office of Institutional Research & Planning

SUMMIT CONVENERS, OFFICE OF THE PROVOST

Mary Lee Hummert, Vice Provost for Faculty Development and Professor of
Communication Studies

Mabel Rice, Fred and Virginia Merrill Distinguished Professor of Advanced Studies

More information about KU Strategic Planning
is online at provost.ku.edu/planning.



BOLD ASPIRATIONS

Strategic Initiatives Summit Four

HARNESSING INFORMATION, MULTIPLYING KNOWLEDGE

8:30 A.M. – 5 P.M.

FRIDAY, JAN. 27, 2012

THE COMMONS, SPOONER HALL

Sponsored by the Office of the Provost

“The mission of the University of Kansas is to lift students and society far above by educating leaders, building healthy communities, and making discoveries that will change the world. We will do that by raising the expectations we have for ourselves, the aspirations we have for our state, and the hopes we have for our world.”

CHANCELLOR BERNADETTE GRAY-LITTLE

AGENDA

8:30 a.m. Coffee and pastries

9-9:30 a.m. Welcome and introduction

- **Jeff Vitter**, Provost and Executive Vice Chancellor
- **Perry Alexander, Nancy Baym, Leonard Krishtalka** – Summit co-chairs

9:30-10:30 a.m. Faculty presentations

- **Perry Alexander**, Electrical Engineering and Computer Science/Information and Telecommunication Technology Center
- **Steve Hawley**, Physics and Astronomy
- **Mary Morningstar**, Special Education
- **Andrew Torrance**, Law

10:30-10:45 a.m. Break

10:45-11:45 a.m. Faculty presentations

- **Saralyn Reece Hardy**, Spencer Museum of Art
- **Arienne Dwyer**, Anthropology/Institute for Digital Research in the Humanities
- **Nancy Baym**, Communication Studies
- **Leonard Krishtalka**, Ecology and Evolutionary Biology/Biodiversity Institute

11:45 a.m.-Noon Break

Noon-1 p.m. Lunch and deans’ panel discussion

- **Danny Anderson**, Liberal Arts and Sciences
- **Stuart Bell**, Engineering
- **Ann Brill**, Journalism
- **Rick Ginsberg**, Education
- **Lorraine Haricombe**, Libraries
- **Robert Walzel**, Music

1-1:15 p.m. Introduction to afternoon sessions

1:15-2:15p.m. Small group breakouts addressing key questions

2:15-2:30 p.m. Break

2:30-3:15 p.m. Groups report out

3:15-3:30 p.m. Planning Committee summary and adjournment

3:30-5 p.m. Reception: Natural History Museum

Strategic Initiative Theme Four:

HARNESSING INFORMATION, MULTIPLYING KNOWLEDGE

Message of Urgency:

A connected human network thrives on technology that accelerates the creation and sharing of knowledge. Harnessing the potential of information in a positive way promises to revolutionize how we live and enhance our civilization.

Globally, from macro to micro to nano, we create ever-smaller devices that store and communicate ever-growing amounts of information. Utilizing that information — and extracting the underlying knowledge it contains — provides the basis for modern economic development, technological innovation, health care, energy, education, national security, and overall well-being.

Locally, information advances will promote a robust economy and span the urban-rural divide, fostering health and well-being across our many communities. The state can become a leader in harnessing the power of information while protecting the privacy and security of its citizenry.

Bold Exemplars:

1. Today’s society runs on information — to create new knowledge, innovate, communicate, improve services and efficiencies, reduce environmental impacts, and improve health. Failure of the information infrastructure can be devastating socially and economically. We will create a multidisciplinary ecosystem for an information infrastructure worthy of trust so that information can be analyzed, searched, mined, visualized, and communicated, yet remain protected, authenticated, and secure.
2. The ability to control matter and information at the quantum, atomic, and molecular levels will lead to significant advances in energy, biorefining, medicine, and electronics at nanometer-length scales — developed using interdisciplinary KU research strengths and new degree programs in nanomaterials science.
3. KU advances in digital technologies will spur innovations throughout the academy — enabling advances in the humanities, arts, social sciences, natural sciences, and engineering — that will spur our future economic competitiveness, health care, transportation, energy supply and distribution, homeland security, and overall quality of life.
4. Educational innovations in our schools and the dissemination of information to the public will be important for the enhanced literacy and appreciation of science, technology, engineering, and mathematics (STEM). KU’s efforts will create a workforce for an innovation-focused economy and a citizenry better able to understand and make decisions about technological issues.