



BOLD ASPIRATIONS

Strategic Initiatives Summit Two
**PROMOTING WELL-BEING,
FINDING CURES**

8:30 A.M. – 5 P.M.

FRIDAY, DEC. 2, 2011

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 Aubé, John Colombo, David Ekerdt** – Summit co-chairs
- **Jeff Vitter**, Provost and Executive Vice Chancellor

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

- **Berl Oakley**, Molecular Biosciences
- **Ron Borchardt**, Pharmaceutical Chemistry
- **Lisa Friis**, Mechanical Engineering
- **Mabel Rice**, Speech-Language-Hearing

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

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

- **David Ekerdt**, Sociology
- **John Colombo**, Psychology
- **Yo Jackson**, Applied Behavioral Science
- **Mugur Geana**, Journalism

11:45 a.m.-Noon Break

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

- **Danny Anderson**, Liberal Arts and Sciences
- **Ken Audus**, Pharmacy
- **Stuart Bell**, Engineering
- **Ann Brill**, Journalism
- **Rick Ginsberg**, Education
- **Mary Ellen Kondrat**, Social Welfare

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

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

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

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

3:15-4 p.m. Summary and adjournment

4-5 p.m. Reception: Natural History Museum

Strategic Initiative Theme Two:

PROMOTING WELL-BEING, FINDING CURES

Message of Urgency:

A healthy society is significantly advanced by the translation of basic research into effective therapies and interventions. Individual well-being that spans a lifetime draws upon understanding and promoting wellness in all its forms.

Globally, human beings of all ages are linked by the challenge of human vulnerability in the form of disease, disabilities, adverse economic and social conditions, and lifestyle choices that create obstacles to health, affordability of care, and well-being. To realize our full potential as a human race, we face a collective challenge to promote health and improve the quality of life worldwide.

Locally, these answers will benefit all Kansans as we discover and develop preventive measures, drugs, and therapies; create employment and economic growth opportunities through their commercialization; and learn from the wisdom of individuals exploring ways to attend to the needs of all Kansans.

Bold Exemplars:

1. Global health challenges, including HIV/AIDS, malaria, tuberculosis, and bacterial infectious diseases resistant to antibiotics, will be addressed through international policy studies, state-of-the-art drug discovery and development (including new antimicrobial drugs), a medical supply chain of local staff trained in pharmaceutical science, improved vaccine formulations that are climate-tolerant, and quality control that protects patients from counterfeit drugs.
2. Over the next few decades, the world will see unprecedented growth in the number and proportion of older adults. Aging Americans will remain more active, productive, and independent through multidisciplinary studies of neurological age-related conditions, the maintenance of physical and cognitive health, the design and construction of housing and other facilities, consumer-focused health care systems, and public policy on social support for older citizens and their families.
3. KU research will provide insight into human growth, language development, and cognition over the lifespan — from prenatal to advanced age — by bridging the molecular, behavioral, and genetic levels of analysis with an epigenetic perspective. Neurological studies will enhance understanding of growth, development, and disease and will lead to new therapies across a wide array of impairments and diseases. In the realm of autism, KU will further advance treatments for its core features, which involve social, communication, and behavioral deficits and excesses.
4. KU will capitalize on strengths in genetics, cancer biology, chemical drug design, bioengineering materials, and informatics to form a multidisciplinary approach to the design of novel therapeutics for cancer and a host of escalating diseases. Model systems will allow researchers to identify and validate new targets for cancer therapy, diagnosis, and prevention. There is a practical urgency in making collections of small molecules to serve as probes for understanding fundamental biological processes as well as for the design of novel drugs.

SUMMIT PLANNING COMMITTEE

Jeff Aubé, Co-Chair, Professor of Medicinal Chemistry

John Colombo, Co-Chair, Professor of Psychology and Director, Life Span Institute

David Ekerdt, Co-Chair, Professor of Sociology and Director, Gerontology Center

Cory Berkland, Associate Professor of Chemical and Petroleum Engineering/
Pharmaceutical Chemistry

Alicia Clair, Professor and Director of Music Education and Music Therapy

Mugur Geana, Assistant Professor of Strategic Communication, Journalism

Erik Lundquist, Professor of Molecular Biosciences and Director, Genetics Program

Keith Diaz Moore, Associate Professor and Associate Dean of Architecture

Kristi Neufeld, Associate Professor of Molecular Biosciences

Michael Roberts, Professor of Applied Behavioral Science/Psychology and Director,
Clinical Child Psychology Program

Christian Schöneich, Takeru Higuchi Distinguished Professor and Chair of
Pharmaceutical Chemistry

Surendra Singh, Southwestern Bell Professor of Marketing, Business

Staff: **Paul Klute**, Office of Institutional Research and 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.

Upcoming Summits

Building Communities, Expanding Opportunities: Jan. 20, 2012

Harnessing Information, Multiplying Knowledge: Jan. 27, 2012