

Our Progress Toward NCI Designation

Roy A. Jensen, MD

Director, The University of Kansas Cancer Center

January 25, 2012

THE UNIVERSITY OF KANSAS
CANCER CENTER

The University of Kansas Cancer Center

Catchment area:

- 105 KS counties
- 59 MO counties
- 26,000 people diagnosed with cancer
- 10,700 cancer deaths



NCI Designation Differentiators

**Drug Discovery,
Delivery &
Development**

**Institute for
Advancing
Medical
Innovation**

**Clinical
Trials
Office**

**Community-based
Approach**



**Prevention & Control
Research**

**Rural Primary
Care
Outreach**

**Breast Cancer
Prevention &
Survivorship
Centers**

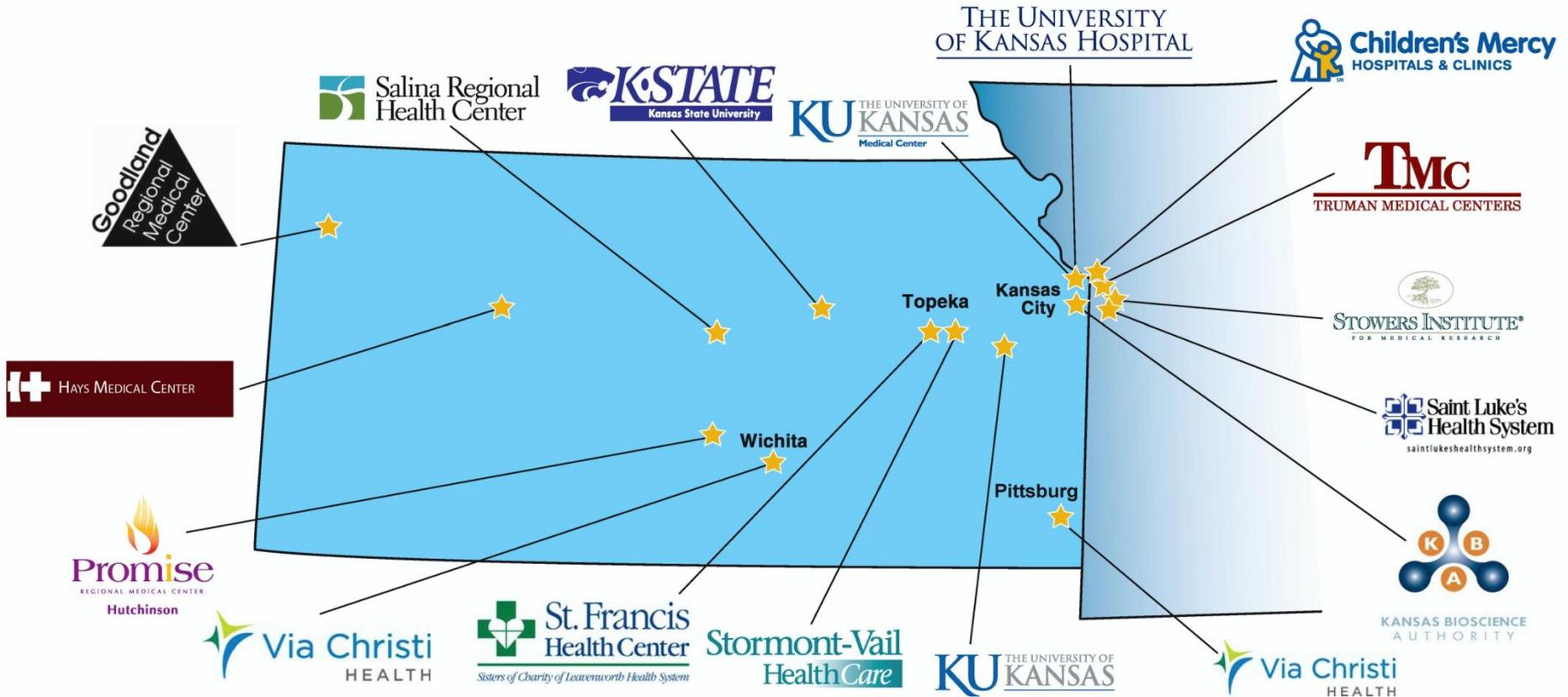
Results

**More advanced cancer prevention,
early detection, treatment, and survivorship**

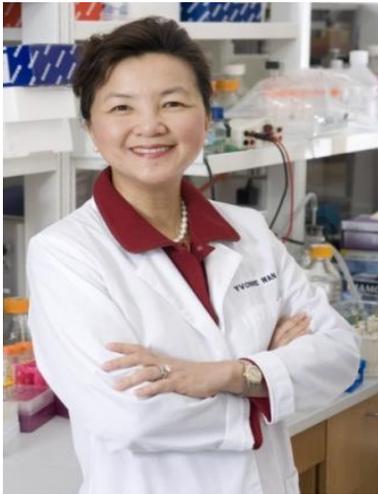
Collaborators



Midwest Cancer Alliance (MCA) Partners



Cancer Center Programs



Yvonne Wan, PhD

Cancer
Biology



Linheng Li, PhD



Ed Ellerbeck, MD, MPH

Cancer
Control &
Population
Health



Kim Engelman, PhD

Cancer Center Programs

Cancer
Prevention



Carol Fabian, MD



Scott Weir, PharmD, PhD

Drug Discovery,
Delivery &
Experimental
Therapeutics



Kapil Bhalla, MD

2010-2011 Leadership Recruits

- **Kapil Bhalla, MD, FACP**
 - Deputy Director, Cancer Center
- **Andrew Godwin, PhD**
 - Associate Director, Translational Research
- **Shrikant Anant, PhD**
 - Associate Director, Cancer Prevention and Control
- **Danny Welch, PhD**
 - Associate Director, Basic Science
- **Raymond Perez, MD**
 - Medical Director, KU Clinical Research Center



Major Accomplishments



THE UNIVERSITY OF KANSAS
CANCER CENTER



U54
P20



"Light Up a New Way of Life"

CTSA Clinical & Translational
Science Awards®

Kansas Masonic Cancer Research Institute

- 170,000 sq ft
- Built 2010-12
- Allowed consolidation
- Program alignment
- 37 KUCC Investigators
- KBA Scholars/Stars
- Funding: Kansas Bioscience Authority & KU
- \$52.8 Million



KU Clinical Research Center

- State-of-the-Art Phase I Unit
- Opened Jan. 2012
- 82,400 sq ft
- Funded by JCERT 1/8 cent sales tax (\$5M/yr)
- Building donated by Hall Family Foundation
- 1.0 mile from Bloch Pavilion



Stowers Institute for Medical Research

- 880,000 sq ft
- \$300 Million Facility
- 10 of 21 are KUCC members with faculty appointments at KUMC
- \$2 Billion Endowment



Therapeutic Trials: Type and Enrollment (2011)

Therapeutic Intervention Trials	# of Trials	# of Patients
Cooperative Group	66	124
Investigator-Initiated	21	183
Industry-Sponsored	35	68
Externally Peer Reviewed	1	1
Total	123	376

Totals include KU and network sites' accrual

Major Expansion of Clinical Cancer Base

- Kansas City Cancer Center
 - US Oncology affiliate
 - 22 oncologists, 7 radiation oncologists – all will be faculty
 - In 2011 – 7,851 new cancer patients
- Current research staff is being integrated into Cancer Center Clinical Trials Office
- Formed working group around trial portfolio reconciliation
- Model after Lombardi Cancer Center/MedStar Oncology Research Network

Institutional & Regional Commitment



\$23.8 million



\$38 million



KANSAS BIOSCIENCE
AUTHORITY

Partners in Bioscience Growth

\$53 million



\$107 million

JCERT



\$5 million/year

THE UNIVERSITY
OF KANSAS HOSPITAL

\$2 million/year

Future Plans

- KBA Personalized Medicine Initiative
- CCPH bullet – comprehensiveness
- Develop organ based programs
- Integration and Interactiveness of Cancer Biology Program



KANSAS BIOSCIENCE
AUTHORITY

Partners in Bioscience Growth

NCI Economic Impact

- Extramural cancer funding has grown to \$54 million, a 225% increase within the last four years
- \$79.6 million in start up recruitment packages since 2006 - \$15 million paid out through FY2011
- 1,123 jobs created from 2006-2010
 - 352 KU jobs
 - 771 other regional jobs
- 893 new jobs projected for 2011-2015
 - 280 KU jobs
 - 613 other regional jobs

NCI Economic Impact

- Total regional impact: \$453.4 million
 - \$271.1 million KU direct economic impact
 - \$182.3 million regional economic impact
- Total projected impact: \$932.6 million
 - \$562 million KU direct economic impact
 - \$370.6 million regional economic impact

References: Using business activity multiplier for state of Kansas of 2.06 per \$1 in NIH awards per report: *In Your Own Backyard: How NIH Funding Helps Your State's Economy*. A report by Families USA's Global Health Initiative, June 2008; Using employment multiplier of 3.19 for each Kansas biotech job per report: *Battelle/BIO State Bioscience Initiatives*, Battelle Technology Partnership, May 2010

CCSG Timeline

November, 2010	First draft due/internal review
December, 2010	External review
January, 2011	Gather calendar year data
February, 2011	EAB draft due
March, 2011	External Advisory Board
April, 2011	NCI visit
July, 2011	Final draft due
September, 2011	Submission
March, 2011	External Advisory Board
February 22, 2012	NCI site visit
Mid-2012	Announcement made