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

Catchment area:
• 105 KS counties
• 59 MO counties
• 26,000 people diagnosed with cancer
• 10,700 cancer deaths
More advanced cancer prevention, early detection, treatment, and survivorship
Collaborators

- University of Kansas School of Medicine
- The Stowers Institute for Medical Research
- The University of Kansas Cancer Center
- The University of Kansas Hospital
- University of Kansas, Lawrence
Midwest Cancer Alliance (MCA) Partners
Cancer Center Programs

Yvonne Wan, PhD

Cancer Biology

Linheng Li, PhD

Cancer Control & Population Health

Ed Ellerbeck, MD, MPH

Kim Engelman, PhD
Cancer Center Programs

Cancer Prevention

Carol Fabian, MD

Drug Discovery, Delivery & Experimental Therapeutics

Scott Weir, PharmD, PhD

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

KU Clinical Research Center

The Learning Collaborative

Stowers Institute

U54 P20

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
- 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)

<table>
<thead>
<tr>
<th>Therapeutic Intervention Trials</th>
<th># of Trials</th>
<th># of Patients</th>
</tr>
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<tbody>
<tr>
<td>Cooperative Group</td>
<td>66</td>
<td>124</td>
</tr>
<tr>
<td>Investigator-Initiated</td>
<td>21</td>
<td>183</td>
</tr>
<tr>
<td>Industry-Sponsored</td>
<td>35</td>
<td>68</td>
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<tr>
<td>Externally Peer Reviewed</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Total</td>
<td>123</td>
<td>376</td>
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</table>

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

- **KANSAS**: $23.8 million
- **KU**: $38 million
- **Kansas Bioscience Authority**: $53 million
- **JCERT**: $107 million
- **KU Endowment**: $5 million/year
- **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
NCI Economic Impact

• Extradural 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

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>November, 2010</td>
<td>First draft due/internal review</td>
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<tr>
<td>December, 2010</td>
<td>External review</td>
</tr>
<tr>
<td>January, 2011</td>
<td>Gather calendar year data</td>
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<tr>
<td>February, 2011</td>
<td>EAB draft due</td>
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<tr>
<td>March, 2011</td>
<td>External Advisory Board</td>
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<tr>
<td>April, 2011</td>
<td>NCI visit</td>
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<tr>
<td>July, 2011</td>
<td>Final draft due</td>
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<tr>
<td>September, 2011</td>
<td>Submission</td>
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<tr>
<td>March, 2011</td>
<td>External Advisory Board</td>
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<tr>
<td><strong>February 22, 2012</strong></td>
<td>NCI site visit</td>
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<tr>
<td><strong>Mid-2012</strong></td>
<td>Announcement made</td>
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