Sustaining and Enhancing the Research Mission of Public Universities

Merrill Series on
The Research Mission of Public Universities

A compilation of papers originally presented at a retreat sponsored by The Merrill Advanced Studies Center
July 2010

Mabel L. Rice, Editor
Technical editor: Evelyn Haaheim

MASC Report No. 114
The University of Kansas

© 2010 The University of Kansas Merrill Advanced Studies Center or individual author
# TABLE OF CONTENTS

**MASC Report No. 114**

**Introduction**  
Mabel L. Rice ............................................................................................................................. vi  
Director, Merrill Advanced Studies Center, The University of Kansas

**Executive summary** ............................................................................................................. viii

**Keynote address**  
James Moeser..........................................................................................................................1  
Chancellor Emeritus, The University of North Carolina at Chapel Hill  
*The Task for Leadership: Sustaining Research Excellence in Uncertain Times*

**Chancellors**  
Harvey Perlman ......................................................................................................................15  
Chancellor, University of Nebraska-Lincoln  
*Lingchi and the Modern Research University*  
Bernadette Gray-Little................................................................. 23  
Chancellor, University of Kansas  
*Response*

**Panel 1: Provosts**  
Jeffrey Vitter........................................................................................................................26  
Provost and Executive Vice Chancellor, University of Kansas  
*Building Synergies*  
April C. Mason ............................................................................................... 34  
Provost, Kansas State University  
*Lemons to Lemonade: Finding new opportunities in a challenging time*

**Panel 2: Research Faculty and Administration**  
James English.....................................................................................................................38  
Professor, University of Missouri  
*Integration of Infrastructure and Process for Enhancement of the Research Mission of the University of Missouri*  
Beth Montelone .............................................................................................................. 42  
Associate Dean of the College of Arts and Sciences, Kansas State University  
*Building Infrastructure to Enhance Integration of Research and Education*  
G. Sitta Sittampalam................................................................................... 54  
Professor and Director of IAMI, University of Kansas Medical Center  
*The Institute of Advancing Medical Innovation (IAMI): Stepping into the future of academic research and entrepreneurship*
Panel 3: Research Administrators
Brian Foster ................................................................. 60
Provost, University of Missouri
  Positioning the University in the World of Higher Education Research
Barbara Atkinson ......................................................... 72
Executive Vice Chancellor, University of Kansas Medical Center
  The Quest for NCI Designation and the Power of Vision and Focus

Panel 4: Research Faculty and Administration
Kimberly Espy ............................................................. 80
Associate Vice Chancellor for Research, University of Nebraska-Lincoln
  Focus on the Enterprising Researcher to Sustain Research Universities
Danny Anderson .......................................................... 84
Dean, College of Liberal Arts & Sciences, University of Kansas
  Research and Imagination in the Twenty-First Century: Liberal Arts and Sciences
Jack C. Schultz ............................................................ 89
Director, Bond Life Sciences Center, University of Missouri
  Reconsidering the Architecture of Research in the Public University

Panel 5: Research Faculty and Administration
Steve Warren.............................................................. 100
Vice Chancellor for Research and Graduate Studies, University of Kansas
  The University of Kansas Research Engagement Initiative
Prem S. Paul ............................................................... 104
Vice Chancellor for Research and Economic Development, University of Nebraska-Lincoln
  The Water for Food Institute at the University of Nebraska: Growing More Food with Less Water – an Opportunity for Collaboration
Robert V. Duncan ....................................................... 110
Vice Chancellor for Research, University of Missouri
  Toward Opportunities for Regional Collaborations in Drug Discovery in the Midwest
Paul Terranova ............................................................ 116
Vice Chancellor for Research, University of Kansas Medical Center
  The Big 5 at the University of Kansas Medical Center: Remaining Competitive in Today’s Research Environment

Panel 6: Research Faculty
Susan Kemper ............................................................ 120
Roy A. Roberts Distinguished Professor of Psychology, University of Kansas
  Growing Sage
Chris Sorensen
Cortelyou-Rust Distinguished Professor of Physics, Kansas State University
Musings from the Research Infrastructure Task Force at Kansas State University

Charles Wood
Director, Nebraska Center for Virology, University of Nebraska-Lincoln
The Nebraska Center for Virology: Research, Training, Education, and Outreach

LIST OF PARTICIPANTS and CREDENTIALS