

WASHINGTON STATE UNIVERSITY  
Office of the 120-Day Study of the WSU Research  
Enterprise and Research Grand Challenges



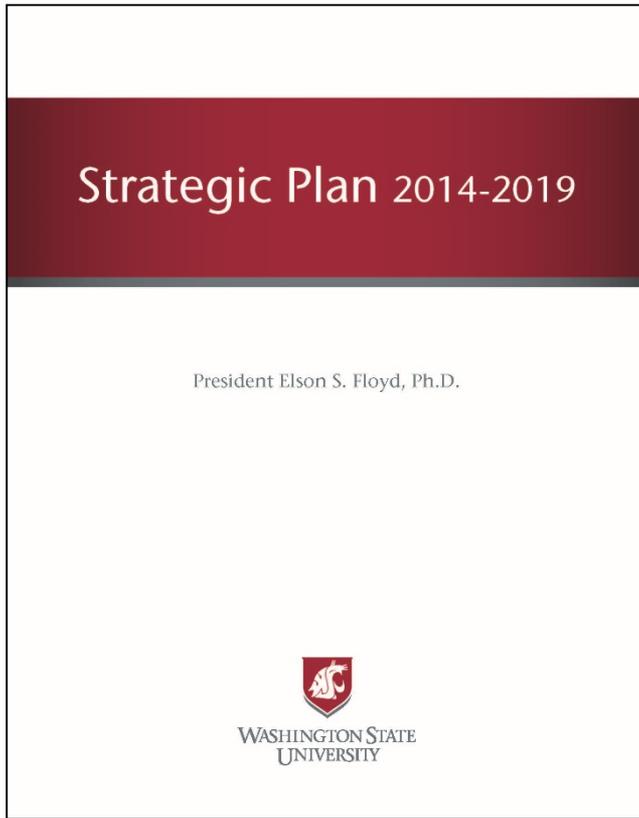
Presented to:  
Food/Energy/Water Workshop  
May 13, 2015

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Professor of Physics  
Washington State University





# The 120-day Study is a follow-on to the WSU Strategic Plan



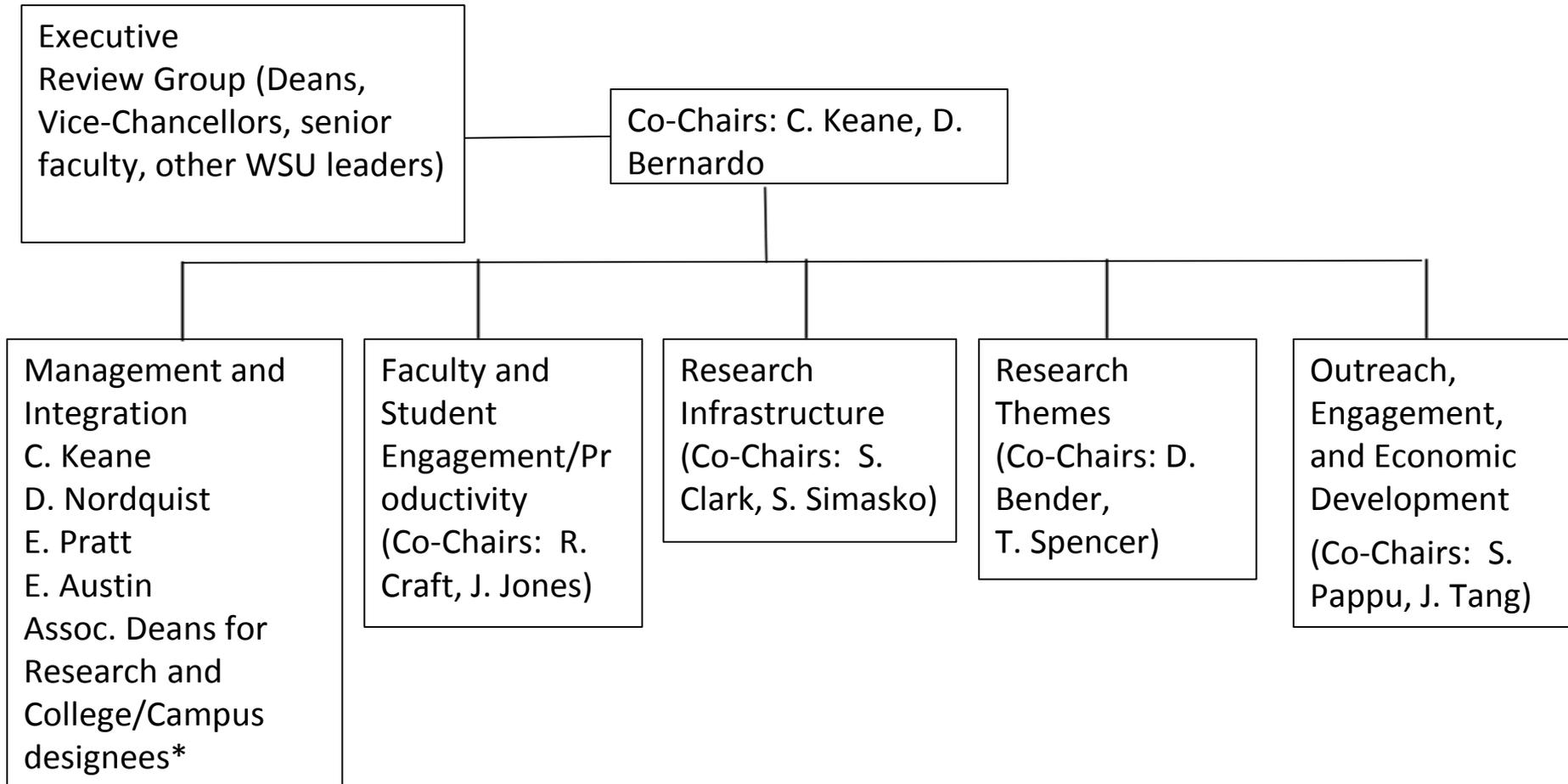
- WSU Strategic Plan highlights importance of research (“Theme 1: Exceptional Research, Innovation, and Creativity”)
- Plan tasks the VPR to “identify areas of research excellence and emerging areas requiring additional investment to achieve national and international prominence.”

# Broad WSU community participation was essential to the success of the 120-Day Study



**Team goal:  
Advance research,  
scholarship, and  
creativity at WSU**

# 120-day Study Organization/Team



\*C. Corbett, D. Field, A. Hossain, J. Krueger, A. Lazarus, T. McElwain, J. Moyer, B. Pinkleton, C. Portfors, D. Sprott, T. Church, P. Whitney

# 120 Day Study: By the Numbers



- Process:

- **4** subgroups (Research Themes; Research Infrastructure; Faculty and Student Engagement/Productivity; Outreach, Engagement, and Economic Impact)
- **141** Study participants
- **116** comments submitted on the 120 Day Study public comment webpage
- **24** Subgroup Meetings (not including sub-subgroup meetings)

- Key Study outcomes:

- **5** identified WSU Grand Challenges
- **19** Final Recommendations/**61** Sub-Recommendations
- **421** page report including **17** Appendices- serves as a compilation of information on WSU research

- 120-Day Study formally ended on January 30, 2015 with completion of the draft report
- Grand Challenge documents have been revised by Study participants, including faculty and Deans- 120-Day Study report on web in next few weeks



“Grand Challenges” are used to define, focus, communicate, and advocate institutional research agendas



The screenshot shows a web browser window with the URL <http://grandchallenges.ucla.edu/challenges/thriv>. The page header includes the UCLA Grand Challenges logo and navigation links for CHALLENGES and ABOUT US, along with social media icons for Facebook, Twitter, YouTube, and Instagram. A 'WATCH LAUNCH EVENT' button is also present.

The main content area features the title "Thriving in a Hotter Los Angeles" and the subtitle "Achieving 100% Sustainability in Energy, Water and Biodiversity by 2050." Below this is a 2x3 grid of images with text overlays:

- Top-left: A young girl drinking water, with the text "THE FUTURE" overlaid.
- Top-middle: A blue ocean wave, with the text "PROMISE" overlaid.
- Top-right: A city skyline at sunset, with the text "COMPONENTS" overlaid.
- Bottom-left: Green succulent leaves, with the text "THE FUTURE" overlaid.
- Bottom-middle: A blue water droplet falling from a glass, with the text "THE NEED" overlaid.
- Bottom-right: Silhouettes of people in a control room, with the text "TEAM" overlaid.

At the bottom of the grid, the text "JOIN THE MOVEMENT: LEARN | ENGAGE | GIVE" is displayed in blue. The footer contains the text "UCLA | OVCR | University of California | Terms of Use/Privacy Policy".

# 120 Day Study Report: Grand Challenges



- Sustaining Health: The Uncompromising Pursuit of Healthier People and Communities
- Sustainable Resources for Society: Food, Energy, and Water
- Advancing an Educated, Informed, and Equitable Society
- Improving Quality of Life Through Smart Systems
- Fundamental Research in Support of National Security

# Next steps for Grand Challenges



- Version 1.0 of 120-Day Study Report to be posted on internal WSU website (password accessed) in next few weeks
- Faculty teams for each Challenge being organized- workshops are a key next step
  - Economic Opportunity (Monday 5/11)
  - Food/Energy/Water (Today)
- Town Hall meetings on Challenges being planned
  - Late June
  - Late August after start of term
- Communications team (A. Goos et al.) developing materials for broad distribution
- Grand Challenges to be incorporated in public events surrounding the WSU 125<sup>th</sup> anniversary (September 2015)

