

## Strategic Plan Grand Challenges Subcommittee Report.

On Jan 31<sup>st</sup> the Grand Challenges Subcommittee sent our final list of nominations for Grand Challenge areas to Dr. Bendapudi and the Strategic Plan Implementation Committee, which concluded our work.

The Strategic Plan Implementation Committee will consider the nominations and further refine the list, and the final Grand Challenge areas will be publicly announced by that committee.

On behalf of the Strategic Plan *Grand Challenges* Subcommittee, we are pleased to nominate the following *Grand Challenges* for consideration and incorporation into the University of Louisville's 2019-2022 Strategic Plan:

- Enhancing and Maximizing the "Healthspan"-Optimal Health across the Lifespan
  - Unlocking the Potential of the Environment to Promote Human Health and Resilience
  - Energy and Sustainability-Energy-Water-Health Challenge
  - Violence and Trauma: Changing the Narrative for Youth in Marginalized Communities
  - Unlocking the Secrets of the Immune System and Harnessing its Strength to Improve Health
- Outcomes
- New Frontiers in Advanced Manufacturing Technology and Workforce Development
  - The Human-Technology Interface and the Future of Work
  - Transforming and Improving Societies and Communities through Digital Transformation
  - Innovation Into Impact: Transforming the ideas and discoveries of our university community into solutions that benefit society
  - Economics of Equity in Academia

David Young

Staff Senator for Medicine- MED20