1. Advanced Materials to solve 21st Century Grand Challenges – Ilias Perakis; iperakis@uab.edu

2. Precision Medicine and Conquering the Opioid Crisis – Karen Cropsey; kcropsey@uab.edu and Lou Bridges; lbridges@uab.edu

3. Equitability of Education, Social and Economic Opportunities – Janelle Chiasera; chiasera@uab.edu

4. Telehealth, Robotics, Healthcare Delivery - Carly McKenzie; cmckenzi@uab.edu and Eric Wallace; elwallace@uabmc.edu

5. Food Security and Transportation Access for All Alabamians by 2030 – Jan Eiras; jeiras@quadruscorp.com and Nasim Uddin; nuddin@uab.edu

6. Healthier Birmingham – John Cleek; jcleek@uab.edu

7. Materials Recycling – Hai-bin Ning; ning@uab.edu and Rama Krishna, nrk@uab.edu

8. Ending Homelessness – Brandon Wolfe; bwolfe@uab.edu, Ramaraju Rudraraju; rrudraraju@uabmc.edu, Joel Berry; jlberry@uab.edu, and Wei Li; wli@uab.edu

9. Better Brains Birmingham – Ron Lazar; rlazar@uabmc.edu

10. Autonomous Physician – Alan Eberhardt; aeberhar@uab.edu

11. Alabama: Moving to the Top – Mona Fouad; mfouad@uabmc.edu

12. Violence Reduction – Karen Heaton; kharp@uab.edu, Jan Jansen; jjansen@uab.edu, and Tina Kempin Reuter; tkreuter@uab.edu

13. Develop a Dietary Treatment That Cures Type 2 Diabetes in at Least 50% of People – Courtney Peterson; cpeterso@uab.edu

14. Idea Meet Opportunity – Joel Berry; jlberry@uab.edu