1. Create a nationwide network of at least 25 “Engineering and Manufacturing Institutes” performing applied R&D across a range of advanced technologies

2. Support the designation of at least 20 U.S. “manufacturing universities”

3. Increase federal support for Engineering Research Center (ERC) and Industry/University Cooperative Research Center (I/UCRC) programs, and require a higher industry match for ERC funding

4. Create a Spurring Commercialization of Our Nation’s Research program (SCNR) to support university, state, and federal laboratory technology commercialization initiatives

5. Increase funding for the Hollings Manufacturing Extension Partnership (MEP)

6. Create an “Innovation Voucher” program

7. Establish stronger university entrepreneurship metrics and use them to provide stronger incentives for universities to commercialize research

8. Expand usage of Title III of the Defense Production Act and increase funding for the Department of Defense Manufacturing Technology program to help rebuild the defense industrial base

9. Lower the U.S. effective corporate tax rate

10. Increase R&D tax credit generosity and make the R&D tax credit permanent

11. Make clear that process R&D qualifies for the R&D tax credit

12. Establish a 30 percent collaborative R&D tax credit for industry research undertaken in conjunction with universities, research institutes, national laboratories, or multi-firm consortia

13. Expand the R&D tax credit to cover expenditures for workforce training

14. Strengthen the domestic production deduction

15. Institute an investment tax credit on purchases of new capital equipment and software

16. Implement “patent boxes” to promote R&D commercialization

17. Expand foreign trade zones to include a value-added tax incentive

18. Better support and align programs to boost U.S. exports

19. Promote reshoring

20. Create global knowledge investment zones to attract foreign direct investment

21. Provide forgivable loans to companies supporting repatriated jobs to distressed/rural areas

22. Update the charter of the Committee on Foreign Investment in the United States (CFIUS) to address the realities of modern-age state capitalism

23. Review export control policies that inhibit U.S. exports
24. Develop a national trade strategy and increase funding for U.S. trade policymaking and enforcement agencies

25. Exclude mercantilists from the Generalized System of Preferences (GSP)

26. Ensure U.S. and multilateral foreign aid policies don’t act as mercantilist enablers

27. Combat foreign currency manipulation

28. Encourage companies to bring WTO cases by allowing them to take a 25 percent tax credit for expenditures related to bringing WTO cases

29. Forge new trade agreements, including a high-standard Trans-Pacific Partnership (TPP) and a Trans-Atlantic Partnership (TAP)

30. Fully fund a nationwide manufacturing skills standards initiative

31. Expand manufacturing vocational education programs at community colleges

32. Expand funding for NSF’s Advanced Technological Education program

33. Provide federal funding for more science, technology, engineering, and mathematics (STEM) high schools

34. Create an NSF-Industry Ph.D. Fellows program

35. Expand and modify NSF’s Integrative Graduate Education and Research Training (IGERT) program

36. Provide support for recent Ph.D. graduates to work with SME manufacturers

37. Expand high-skill immigration, particularly that focused on the traded sector

38. Create Manufacturing Reinvestment Accounts

39. Authorize the Ex-Im Bank to provide loan assistance to SMEs and to firms competing against subsidized foreign competitors

40. Transform Fannie Mae into an industrial bank

41. Shift the Small Business Administration’s focus more toward traded-sector firms

42. Assist SMEs in traded sectors in obtaining access to credit, in part by creating a loan guarantee program

43. Form an Office of Innovation Review in OMB (i.e., an Office of Information and Regulatory Affairs for Innovation)

44. Require OIRA to incorporate a “competitiveness screen” in its review of federal regulations

45. Increase the participation of industry in the formal federal rule-making process

46. Streamline regulatory compliance procedures for companies

47. Increase funding for key federal statistical agencies assessing traded sector competitiveness and create a national statistical agency

48. Create a new traded sector analysis unit within the federal government

49. Create a United States Economic Competitiveness Commission

50. Appoint at least one member of the Council of Economic Advisors whose background is in business or innovation, not economics