



Dr. Svedberg is currently the Senior Program Officer of the National Materials and Manufacturing Board at the US National Academies. In this role, he works with experts from across the nation to develop, negotiate, and oversee scientific and technical advisory studies for federal agencies related to questions of materials science, manufacturing and engineering design. His previous and current activities at the National Academies includes work as a Study Director for: Materials Needs and R&D Strategy for Future Aerospace Propulsion Systems; Corrosion Research Grand Challenges; Opportunities in Protection Materials; Optics and Photonics, Essential Technologies for Our Nation; Review of the National Nanotechnology Initiative; and Airport Passenger Screening, Backscatter X-Ray Machines. As well he oversees workshops such as: Big Data in Materials Research and Development; Low-Volume Manufacturing; Materials and Manufacturing Capabilities; Novel Processes that are on the Verge of Industrial Modernization. Dr. Svedberg has a decade of industry experience with both small and large companies in the materials science area and has been a guest researcher at the National Institute of Standards and Technology for several years. Since 2007 he also runs his own consulting company dealing with forecasting in the materials science area. He has been awarded and overseen five research grants, has published over 80 scientific articles, been granted two patents and his work is cited over 800 times.