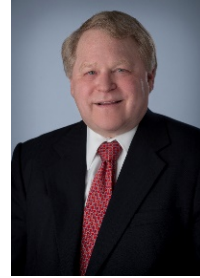


BIOSKETCH:

Peter D. Blair is Executive Director of Engineering & Physical Sciences at the National Academies of Sciences, Engineering and Medicine. He was previously Assistant Director of the of the Congressional Office of Technology Assessment, CEO of Sigma Xi, the scientific research society, and, early in his career, on the faculty of the University of Pennsylvania and co-founder and principal of Technecon Analytic Research Corporation. He is the author of the 2012 book, *Congress's Own Think Tank: Learning from the Legacy of the Congressional Office of Technology Assessment*, and numerous publications on science and technology policy. His PhD is from the University of Pennsylvania.

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Peter D. Blair joined the National Academies in 2001 as the first Executive Director of the Division for Engineering and Physical Sciences, responsible for the Academies' portfolio in national security, energy and environmental systems, information and telecommunications, physics, astronomy, mathematics and operations research, aeronautics, space science and engineering, materials, manufacturing and engineering design, and civil engineering infrastructure.

Prior to his current position, Dr. Blair was executive director and CEO of Sigma Xi, the Scientific Research Society and publisher of *American Scientist* (1997–2001) as well as adjunct professor of public policy analysis at the University of North Carolina at Chapel Hill.

From 1983-1996 Dr. Blair served in several capacities at the Congressional Office of Technology Assessment (OTA), concluding as Assistant Director of the agency and Director of the Industry, Commerce and International Security Division where he was responsible for the agency's research programs on energy, transportation, infrastructure, international security, space, industry, commerce, and telecommunications. He received the OTA's distinguished service award in 1991.

In 1979 Dr. Blair was cofounder and principal of Technecon Analytic Research, Inc., a Philadelphia-based engineering-economic consulting and project development firm specializing in investment decision analysis of energy projects and in developing, financing, and managing independent power generation projects. Technecon was acquired by the Reading Energy Corporation in 1985. In the 1970s and '80s he served on the faculty of the University of Pennsylvania with appointments in the graduate groups of energy engineering and management, regional science, and public policy.

Dr. Blair is the author, coauthor, or co-editor five books: *Multiobjective Regional Energy Planning* (1978), *Geothermal Investment Decision Analysis* (1982), and *Input-Output Analysis: Foundations and Extensions* (1985; 3rd ed., forthcoming), and *Congress's Own Think Tank: Learning from the Legacy of the Congressional Office of Technology Assessment, 1972–1995* (2013); and he co-edited *Trends in Industrial Innovation: Industry Perspectives & Policy Implications* (1997). He has authored over a hundred technical articles on energy and environmental policy, electric power systems, operations research, economics and regional science, and science and technology policy.

Dr. Blair is a fellow of the American Association for the Advancement of Science (AAAS) and previously chaired its section on Societal Impacts of Science and Engineering. He currently serves on the National Renewable Energy Technology Analysis Advisory Committee. He is a past co-chair of the National Science Foundation's Business and Operations Advisory Committee and a former member of the Board of Directors for the National Institute for the Statistical Sciences and advisory or visiting committees for Carnegie Mellon University's Engineering and Public Policy Department, the Colorado School of Mines, Electric Power Research Institute, Gas Research Institute, Lawrence Livermore Laboratory's Energy and Environment Division, Lawrence Berkeley Laboratory's Energy Division, New York Energy Research and Development Authority, Houston Applied Research Center, and many others. He served on the editorial board of *IEEE Spectrum* and as an associate editor of the *Journal of Regional Science*, and currently as an area editor of the *Proceedings of the National Academy of Sciences*.

Dr. Blair holds a BS in engineering from Swarthmore College, and graduate degrees from the University of Pennsylvania: an MSE in systems engineering, and MS and PhD in energy management and policy.