

# Rebuilding the Transatlantic Bridge: U.S.-Polish Cooperation on Science, Technology, and Innovation



The National Academies  
Washington DC  
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Director, Technology, Innovation, and Entrepreneurship  
The National Academies

# Welcome to the National Academies



- National Academy of Sciences
  - Chartered by Congress in 1863
  - A self-perpetuating Honorary Society
- National Research Council (1916)
  - The Operating Arm of the National Academies
- National Academy of Engineering (1964)
- Institute of Medicine (1970)

# The National Academies' Board on Science, Technology, and Economic Policy (STEP)

- STEP members include corporate executives, academic economists venture capitalists, and former government policymakers.
- STEP's objective is to integrate understanding of scientific, technological, and economic elements in the formulation of national policies

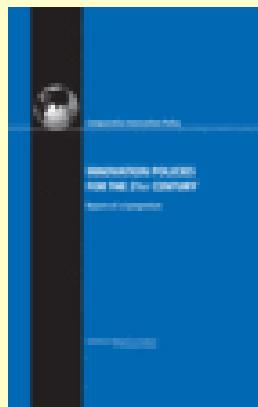
# STEP's Innovation Work Includes

- **Best Practices in State and Regional Programs**
  - New Study--Chaired by Mary Good, University of Arkansas, Former Under Secretary for Technology at the Department of Commerce
- **Crossing the Valley of Death: An Assessment of the Small Business Innovation Research (SBIR) Program**
  - Chaired by Jacques Gansler, University of Maryland, and Former Under Secretary for Technology and Acquisition at the Department of Defense
- **Comparative National Innovation Policies: Best Practice for the 21st Century**
  - Chaired by Alan Wm. Wolff, Dewey & LeBoeuf

# STEP is Undertaking a Comparative Analysis of Innovation Programs & Policies Around the World

- Examines policies and programs undertaken by governments around the world to increase the competitiveness of their high technology industries
- This study aims to:
  - Inform US policymakers about what the rest of the world is doing—not in theory, but in fact
  - Improve mutual cooperation and learning

# Recent Reports in STEP's Study of Comparative Innovation Policy



Innovation Policies for the 21st Century (2007)



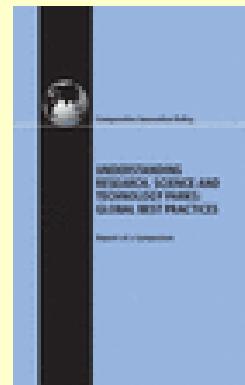
India's Changing Innovation Policies (2007)



Innovative Flanders (2008)



21<sup>st</sup> Century Innovation Systems for Japan and the United States (2009)



Understanding Research, Science, & Technology Parks (2009)

# Today's Conference: U.S.-Polish Cooperation on Science, Technology, and Innovation

Convened under the auspices of  
the STEP Board's analysis of  
Comparative Innovation Policy:  
Best Practice for the 21st Century

# Special Thanks to...

- Michał Kleiber
  - Polish Academy of Science
- Goorge Osypowicz
  - Foundation for Innovations Exchange in Science and Technology
- Witold Wiśniowski
  - Institute of Aviation
- George Handy
  - Activity for Innovation and Economic Growth

# Upcoming STEP Conferences for 2010 on Comparative Innovation Policy

- **U.S.-China Meetings on Science, Technology, and Innovation Cooperation**
  - Meetings will bring together university officials, industry leaders, and policymakers to provide an impetus for greater bilateral cooperation on science and technology and innovation
- **“National Innovation Policies for a Green Planet.”**
  - This meeting will draw in experts from leading nations to review national initiatives to generate “green industries”.

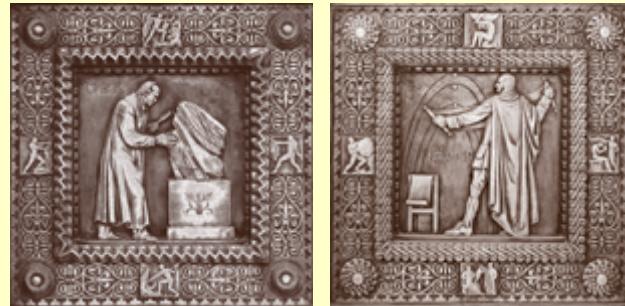
# We Thank our Sponsors

- Sandia National Laboratories
- National Institute of Standards and Technology (NIST)
- Office of Naval Research (ONR)
- Defense Advanced Research Projects Agency (DARPA)
- National Science Foundation (NSF)
- Intel Corporation
- International Business Machines (IBM)
- Palo Alto Research Center (PARC)

**It is now my pleasure to introduce  
Alan Wm. Wolff**

Former U.S. Trade Ambassador  
Member of the STEP Board  
Chairman of the Committee on Comparative  
National Innovation Policies  
Counsel, Dewey & LeBoeuf

# Thank You



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