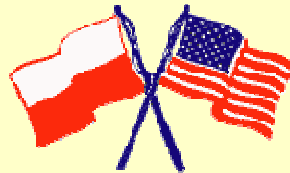


Rebuilding the Transatlantic Bridge:

U.S.-Polish Cooperation on Science, Technology, and Innovation



The National Academies
Washington DC
December 3, 2009

Charles W. Wessner, Ph.D.
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

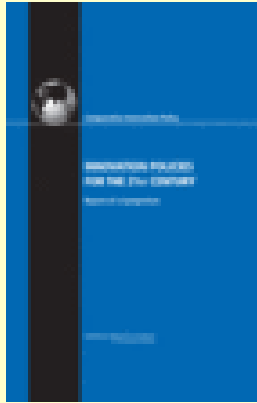
STEP's Innovation Work Includes

- **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' Study of Comparative Innovation Policy



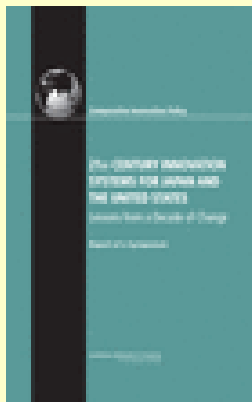
Innovation Policies for the 21st Century (2007)



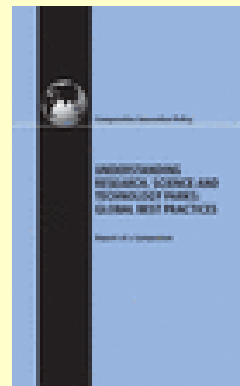
India's Changing Innovation Policies (2007)



Innovative Flanders (2008)



21st 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
- George 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



Charles W. Wessner, Ph.D.

Director, Program on
Technology, Innovation and Entrepreneurship
The U.S. National Academies

500 Fifth Street NW
Washington, D.C. 20001

cwessner@nas.edu

Tel: 202 334 3801

<http://www.nationalacademies.org/step>