Making Scientific Research Data Accessible: Current Trends and Perspectives in Germany

An informational workshop at the DFG North America Office, Washington DC

Speakers: Max Voegler, Stefan Winkler-Nees, Eva Effertz, Clifford Lynch
German Research Foundation DFG: Who We Are and What We Do

- central public funding organization for academic research in Germany (largest in Europe)
- member organization (universities, learned societies)
- serving all fields of science and the humanities, incl. medicine
- promoting academic excellence on a competitive basis
- independent multi-tiered peer review
- advisory function for politics
- special focus on supporting young academics
- promoting international research co-operation
- fostering links between science and industry

DFG Funding by Field

- Life Sciences 37.3%
- Natural Sciences 25.9%
- Engineering Sciences 21.4%
- Humanities & Social Sciences 15.4%
DFG Programs: Funding 2009

- Individual Grants Program: 983.2 Mio. € (36%)
- Prizes: 33.1 Mio. € (1%)
- Funding of Infrastructure: 186.3 Mio. € (7%)
- Committees and Commissions: 6.4 Mio. € (0.2%)
- Coordinated Programs: 1,502 Mio. € (55%)
- International Scientific Contacts: 28.5 Mio. € (1%)

Total: 2,739.1 Mio. € (ca. $ 3.9 bil.)
DFG Offices Abroad

- Sino-German Centre for Science Promotion
  Beijing, 2000
- Liaison Office North America
- Liaison Office Moskau, 2003
- Liaison Office New Delhi, 2006
- Liaison Office Tokyo, 2009

And new 2011: Liaison Office Sao Paolo
What does the Northamerica Office do?

- **Facilitate and support cooperation** among scientists and develop scientific policy by working together with partner organizations in the U.S. and Canada. Plan events, workshops and forums to enable exchange.

- **Maintain network** of DFG-funded researchers in North America, both Fellowship holders and cooperating scientists.

- **Research Marketing** activities at scientific conferences and individual institutions

- **Monitoring** of U.S. policy development in science and the humanities
A Different Kind of Stimulus

Three initiatives to receive additional 18 bill. € until 2019

- Excellence Initiative
  - 2.7 bill. € from 2012 to 2017

- Joint Initiative for Research and Innovation
  - Budgets of the 5 largest research organizations to be increased by 5 % annually

- Higher Education Pact
  - 6.4 bill. € to enable universities to admit 275,000 additional new students
  - 1.5 bill. € for basic equipment at universities (to be distributed by DFG)
  - Funding per student to be increased by 18 %
Universities

German Universities

- university
- university of applied sciences
- arts and music college

Source: http://www.bmbf.de/de/6574.php
Dr. Max Voegler, Making Scientific Research Data Accessible, Washington DC, June 21st, 2011
## Alliance of German Science Organizations

<table>
<thead>
<tr>
<th>Organization</th>
<th>Budget</th>
<th>Mission</th>
<th>Logo</th>
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<tbody>
<tr>
<td>Alexander von Humboldt Foundation</td>
<td>90.6 million $</td>
<td>promote academic cooperation globally</td>
<td>AvH</td>
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<tr>
<td>Fraunhofer-Gesellschaft</td>
<td>2.1 billion $</td>
<td>applied research</td>
<td>FhG</td>
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<tr>
<td>German Academic Exchange Service</td>
<td>399 million $</td>
<td>support international exchange</td>
<td>DAAD</td>
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<tr>
<td>German Research Foundation</td>
<td>3.46 billion $</td>
<td>fund excellent research</td>
<td>DFG</td>
</tr>
<tr>
<td>Helmholtz Association</td>
<td>3.7 billion $</td>
<td>research with large scale equipment</td>
<td>HGF</td>
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<tr>
<td>Leibniz Association</td>
<td>1.58 billion $</td>
<td>research, service museums</td>
<td>WGL</td>
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<td>Leopoldina</td>
<td>2.13 million $</td>
<td>nat. academy of sciences</td>
<td>Leopoldina</td>
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<tr>
<td>Max Planck Society</td>
<td>2.07 billion $</td>
<td>&quot;makers of nobel-prize winners&quot;</td>
<td>MPG</td>
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► Promoting Accessibility to Research Data in Germany: Funding Initiatives, Projects and Perspectives
  Dr. Stefan Winkler-Nees, Program Officer, Research Data, DFG Bonn

► Scientific Data Management in Large University Research Projects. A Status Report
  Dr. Eva Effertz, Program Officer, Research Centers Division, DFG Bonn

► Response and U.S. Perspective
  Dr. Clifford Lynch, Executive Director, Coalition for Networked Information (CNI)