DAAD in Malaysia

and support for bilateral academic exchange

German Science Day @ UKM, 16.10.2013

Dr. Guido Schnieders
DAAD - Deutscher Akademischer Austauschdienst
Information Center Kuala Lumpur
Presentation Topics

- The DAAD
- German-Malaysian Academic Cooperation
- Funding Opportunities
- Alexander von Humboldt Foundation - a brief introduction
- German Greentech Week
- Q & A
The DAAD: Who we are and what we do
DAAD-structure:
We are a self-governing, non-profit organisation of German universities and student bodies (236 member universities).
Our task is to promote academic cooperation between Germany and the world.

- Scholarships for the best
- Structures of internationality
- Expertise for academic collaboration
Scholarships for the best
Since 1950, 790,000 international academics came to Germany with support from DAAD
Scholarships for the best
Since 1950, 1,040,000
German academics
have been around the
world with DAAD
DAAD-Scholarship holders: Regions of origin and destinations

2012

North America: 2,034
North America: 5,507

Western Europe:
- North America: 3,250
- Latin America: 6,203

Middle-/Eastern-Europe/CIS:
- North Africa/Near East: 6,455
- Asia-Pacific: 7,739
- North Africa/Near East: 1,770
- Asia-Pacific: 5,927

Latin America:
- North Africa/Near East: 5,736
- Latin America: 3,091

Africa/Subsahara:
- North Africa/Near East: 4,278
- Latin America: 2,014

Internationals: 45,206
Germans: 30,126

Stand: April 2011
Structures of internationality

- In Germany and throughout the world
- Universities are our partners
- DAAD offers support and advice
The DAAD worldwide

Expertise for academic collaboration
Regional competence through a world-wide network
Expertise for academic collaboration

We offer services and contacts to partners world-wide
Our efforts correspond to the goals of German cultural diplomacy, education and research policy, as well as developmental cooperation.
DAAD-budget 2013: 419,9 Mio EUR (ca. 1,8 bn RM)

Federal Ministry for Economic Cooperation and Development: 39,9 Mio. EUR = 9%
European Union: 57,7 Mio. EUR = 14%
Other funds: 40,7 Mio. EUR = 10%
Federal Ministry of Education and Research: 100,6 Mio. EUR = 24%
Federal Foreign Office: 181 Mio. EUR = 43%

Total: 419,9 Mio. EUR
The activities of DAAD focus on five areas:
1. Scholarships for foreigners
   89 Mio. EUR*

2. Scholarships for Germans
   103 Mio. EUR*

3. Internationalisation of universities
   83 Mio. EUR*

4. Promoting German studies and the German language abroad
   48 Mio. EUR*

5. Educational cooperation with developing countries
   97 Mio. EUR*

*Figures 2013 (plan)
Germany: Wide range of study opportunities

- 350 Universities (state funded)
  - 117 Research & Technical Universities
  - 187 Universities of Applied Sciences
  - 47 Colleges of Art and Music
- Private universities and colleges (only 4.5% of students)
<table>
<thead>
<tr>
<th>University of Applied Sciences</th>
<th>University/Technical University</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø Student number: 4.000</td>
<td>ø Student number: 15.000</td>
</tr>
<tr>
<td>Practise-oriented education and integrated internships</td>
<td>theoretical/academic orientation</td>
</tr>
<tr>
<td>close cooperation with industry</td>
<td>duration: 3 + 2 + 3-4 years</td>
</tr>
<tr>
<td>duration: 3-4 + 1-2 years</td>
<td>wide range of seminars available</td>
</tr>
<tr>
<td>application-oriented thesis</td>
<td>research-based thesis</td>
</tr>
<tr>
<td>subjects: engineering, business, social sciences, design</td>
<td>Wide range of subjects</td>
</tr>
<tr>
<td>degrees: Bachelor’s, Master’s</td>
<td>degrees: Bachelor’s, Master’s (some subjects: Staatsexamen), PhDs</td>
</tr>
</tbody>
</table>
Degree programmes

- Bachelor
- Master
- Doctoral degrees

(exception: medicine, pharmacy, law)

Database with list of all courses:
www.study-in.de
Over 1,000 degree programmes taught in English

(mainly Master’s courses)

www.daad.de/international-programmes
Academic Exchange with Malaysia

DAAD Information Centre
Kuala Lumpur

Dr. Guido Schnieders

DAAD Representative and Visiting Lecturer at
Faculty of Languages and Linguistics, Universiti Malaya

German Business Center,
Suite 47.03
Menara AmBank,
No. 8 Jalan Yap Kwan Seng
50450 Kuala Lumpur, Malaysia
Tel: +60-3-92351841
Mob: +60-14-2376711
Web: http://ic.daad.de/kualalumpur
Malaysian students in Germany (HE degree programmes)

Number of students

Quelle: Wissenschaft Weltoffen
Malaysian students in Germany: What do they study?

<table>
<thead>
<tr>
<th>Field of Study</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>773</td>
<td>697</td>
</tr>
<tr>
<td>Mathematics, Natural Sciences</td>
<td>72</td>
<td>76</td>
</tr>
<tr>
<td>Law, Economics and Social Sciences</td>
<td>36</td>
<td>46</td>
</tr>
<tr>
<td>Language and Cultural Sciences</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>Agriculture, Forestry, Food Sciences</td>
<td>11</td>
<td>7</td>
</tr>
<tr>
<td>Art/Art Studies</td>
<td>7</td>
<td>9</td>
</tr>
<tr>
<td>Medicine</td>
<td>13</td>
<td>11</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Others</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Sports Science</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>932</td>
<td>867</td>
</tr>
</tbody>
</table>

Source: Wiss. Weltoffen

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service
Malaysian students in Germany: Where do they study?

<table>
<thead>
<tr>
<th>University / University of Applied Sciences (FH)</th>
<th>total</th>
<th>in %</th>
</tr>
</thead>
<tbody>
<tr>
<td>U Duisburg-Essen</td>
<td>55</td>
<td>6%</td>
</tr>
<tr>
<td>U Mannheim</td>
<td>43</td>
<td>5%</td>
</tr>
<tr>
<td>FH Deggendorf</td>
<td>29</td>
<td>3%</td>
</tr>
<tr>
<td>FH Hannover</td>
<td>25</td>
<td>3%</td>
</tr>
<tr>
<td>H Albstadt-Sigmaringen (FH)</td>
<td>24</td>
<td>3%</td>
</tr>
<tr>
<td>FH Rosenheim</td>
<td>22</td>
<td>3%</td>
</tr>
<tr>
<td>FH Heilbronn</td>
<td>22</td>
<td>3%</td>
</tr>
<tr>
<td>FH Aachen</td>
<td>21</td>
<td>2%</td>
</tr>
<tr>
<td>FH Regensburg</td>
<td>20</td>
<td>2%</td>
</tr>
<tr>
<td>H Karlsruhe</td>
<td>20</td>
<td>2%</td>
</tr>
</tbody>
</table>

Source: Wiss. Weltoffen
DAAD-Funding for Study and Research to Germany from Malaysia

Exchange Statistics (with DAAD-Funding) from Recent Years

<table>
<thead>
<tr>
<th>Year</th>
<th>Malaysians</th>
<th>Germans</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998</td>
<td>14</td>
<td>30</td>
</tr>
<tr>
<td>1999</td>
<td>55</td>
<td>47</td>
</tr>
<tr>
<td>2000</td>
<td>26</td>
<td>50</td>
</tr>
<tr>
<td>2001</td>
<td>38</td>
<td>40</td>
</tr>
<tr>
<td>2002</td>
<td>25</td>
<td>31</td>
</tr>
<tr>
<td>2003</td>
<td>43</td>
<td>47</td>
</tr>
<tr>
<td>2004</td>
<td>12</td>
<td>48</td>
</tr>
<tr>
<td>2005</td>
<td>20</td>
<td>41</td>
</tr>
<tr>
<td>2006</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>2007</td>
<td>45</td>
<td>34</td>
</tr>
<tr>
<td>2008</td>
<td>66</td>
<td>41</td>
</tr>
<tr>
<td>2009</td>
<td>37</td>
<td>65</td>
</tr>
<tr>
<td>2010</td>
<td>41</td>
<td>81</td>
</tr>
<tr>
<td>2011</td>
<td>73</td>
<td>90</td>
</tr>
<tr>
<td>2012</td>
<td>108</td>
<td>138</td>
</tr>
</tbody>
</table>
Academic exchange between Malaysia and Germany (highlights)

- 65 university partnerships between Germany and Malaysia
- at least 11 double-degree programs (DAAD-support = blue)
  - UniKL - FH Rosenheim: MGEEB
  - UTM - TU Ilmenau: MA, PhD Biomedical Engineering
  - UKM - Univ. Duisburg-Essen: BA, PhD Engineering
  - UTHM – Univ. Bremen: PhD Vocational Education
  - UMP - FH Karlsruhe: BA Automotive, BA Mechatronics
  - UMP - FH Reutlingen: BA Business Engineering (new)
  - UiTM - FH Heidelberg: MA Business Engineering (new)
  - UM - FH Konstanz: Business German & Tourism (new)

- Extensive scholarship programs by Malaysian government (MARA, JPA), mainly for engineering courses
- More than 140 DAAD-scholarships per year
DAAD Funding Opportunities: Scholarships for Malaysian individuals

- Research Grants for PhD candidates
- Research Grants for PhD candidates, “Sandwich Model”
- Research Stays for Scientists
- Re-Invitations for DAAD-Alumni
- Postgraduate Courses for Professionals
- Study Visits for Groups of Students

- Check out: www.funding-guide.de
DAAD PhD Scholarships

- research projects at a German university for the purpose of gaining a doctorate in Germany
  (3 years research, PhD awarded by the German university)

requirements:

- Master‘s degree, good Bachelor‘s degree
- no more than 6 years between Master‘s degree and start of PhD studies
- admission to a structured PhD-programme or confirmation of supervision by a German professor

Application deadline: 15 October
DAAD PhD-Sandwich Scholarship

- support for a „Sandwich“ structure of studies combining periods of study / research in Germany with those in the home country (between 12 and 24 months research in Germany, PhD awarded by Malaysian university)

requirements:

- Master‘s degree, good Bachelor‘s degree
- no more than 3 years between start of PhD studies and commencement of scholarship
- enrolled as a PhD-student in University in Malaysia

Application deadline: 15 October
DAAD Research Stay for Scientist / Re-Invitation for DAAD-alumni

- support for a research stay in Germany between one and three months for a joint research project

requirements:

- applicant should have completed his / her PhD
- applicant must be working at a university or research institution in Malaysia
- most important is a convincing joint research project

Application deadline: 15 October
Funding options for cooperation with German universities: institutional funding

- preparatory visits
- guest lecturers
- alumni conferences, summer schools
- subject-specific university partnerships
- joint or double degree programmes
- export of German study programmes

Application is always submitted by the German partner.
We provide free information and counseling

• on study and research opportunities in Germany;
• on funding opportunities;
• on how to establish university cooperations;
• on financial support for university cooperations.

We offer information and advice

• to German universities, scientists, students who want to cooperate with Malaysian HEI.

We support German studies and German language learning in Malaysia.
The Alexander von Humboldt Foundation

Connecting academic excellence worldwide

Knowledge transfer and cooperation at the highest level
The Humboldt Foundation's areas of work

- sponsorship of international academics as a part of foreign cultural and educational policy
- strengthening cutting-edge research through internationalisation
- impetus for the research location Germany by promoting individuals
- advancing development through academic cooperation
- mobility counselling in the European context
Principles of the Foundation

- sole selection criterion: academic excellence
- no quotas for countries or disciplines
- sponsorship of people, not projects
- free choice of academic host/collaborative partner in Germany
- independent scientific research, not stipulated by the Foundation
Key Sponsorship Programmes

Flexible sponsorship programmes for cutting-edge researchers at all stages of their careers

for postdoctoral researchers
(doctorates completed less than 4 years ago)
● Research Fellowships; 6 to 24 months; 2,650 EUR per month

for junior research group leaders
(doctorates completed less than 6 years ago)
● Sofja Kovalevskaja Award; up to 1.65 mill. EUR, to establish their own junior research group in Germany
Key Sponsorship Programmes

for experienced researchers with an own, clearly defined academic profile

- Research Fellowships
  (doctorates completed less than 12 years ago)
  6 to 18 months; 3,150 EUR per month

- Friedrich Wilhelm Bessel Research Award
  (doctorates completed less than 18 years ago)
  up to 45,000 EUR; research stay in Germany; nomination
Key Sponsorship Programmes

for internationally recognised cutting-edge researchers

- Humboldt Research Award; 60,000 EUR; research stay in Germany; nomination

- Alexander von Humboldt Professorship; 3.5 - 5 million EUR for a period of 5 years, for the long-term recruitment of established cutting-edge researchers from abroad; nominations by German universities (or joint applications by universities and non-university research institutions)
Alumni sponsorship and international networking

- more than 26,000 Humboldtians in over 130 countries: “Once a Humboldtian – always a Humboldtian“
- alumni sponsorship and international networking through e.g.
  - further research stays
  - Research Group Linkage Programme
  - Humboldt Colloquia and Kollegs
  - Humboldt Alumni Associations
  - Humboldt Alumni Award
Contact

The Alexander von Humboldt Foundation is available to answer your questions at any time:

info@avh.de

www.humboldt-foundation.de

Jean-Paul-Straße 12
53173 Bonn
Germany
Tel: +49 228 833-0
Fax: +49 228 833-199
THE MALAYSIAN-GERMAN CHAMBER OF COMMERCE AND INDUSTRY WILL BE ORGANIZING FULL-DAY SEMINARS ON GREEN TECHNOLOGIES FROM GERMANY FROM 2-6 DECEMBER 2013.

EXPERTS FROM GERMANY WILL COVER THE FOLLOWING TOPICS:

- The Exploration of Malaysia’s Geothermal Energy Resources
- Groundwater Use and River Bank Filtration
- Sustainable Waste Management Solutions
- AGRO-BIOGAS Power
- Capacity Building on Green Technologies – The German Benchmark

GET OUR FLYER FOR MORE INFORMATION OR VISIT OUR WEBSITE malaysia.ahk.de for more information.