

# International Partnerships: Funding and Sustaining Ties to European Institutions

## DAAD

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AIEA San Francisco, February 21, 2011



change by exchange ■ wandel durch austausch ■ cambio por intercambio.



## What do we want to discuss today?

- /// **How do I choose partnerships for my institution? What are “strategic partnerships”?**
- /// **How do I reach reciprocity in exchanges with Europe?**
- /// **What should the language policy in institutional partnerships be?**
- /// **What are the provisions for credit transfer?**
- /// **What is the added value of a double degree program?**
- /// **Are there any new ideas for exchanges with Europe or is Europe boring?**



## Germany – Gateway to Europe

**EU's largest member state, with a population of 82 million**

**Germany's central location in the heart of Europe allows easy access to different countries, languages, cultures...**





## Why Germany?

- /// **Strong institutions and thriving research**
- /// **A different academic culture**
- /// **Cultural and historic heritage and a lively arts scene (120 opera houses, more than 350 major theaters, more than 4,000 public museums)**
- /// **Contemporary lifestyle**
- /// **Europe's leading economy**
- /// **A language spoken by 100+ million people**



## A Leader in Science and Technology

- /// **Second only to the US and Japan in R&D spending: 2.5% of GDP**
- /// **8.7% of articles in international scientific journals (SCI)**  
**US: 31.7% Japan: 10.0% UK: 8.6%**
- /// **Strong e.g. in physics, optics, polymer chemistry, automotive, environmental, nuclear and food engineering**





## Higher Education in Germany

- /// **With over 300 higher education institutions, Germany has one of the densest systems in the world.**
- /// **Germany welcomes over 240,000 international students per year.**
- /// **Students still pay little or no tuition to attend university in Germany.**



## Institutions

Two main types of higher education institutions:

- /// ***Universitäten* (Universities)**  
offer theory-based programs in most subjects. Ph.D. and “habilitation”
- /// ***Fachhochschulen* (Universities of Applied Sciences)**  
offer more practice-oriented programs which often combine study and work experience.





## What is DAAD?

- /// **German national agency for international academic cooperation and exchange: Independent association of universities**
- /// **We provide scholarships, information, and counseling about studying and research in Germany**
- /// **All academic levels, all fields, varied lengths of stay**
- /// **Regional Office for the US and Canada in New York City**







## Some Facts & Figures

/// Annual budget: approximately €390 m / \$525 m (2010)

/// > 67,000 people supported in 2009

/// 1,929 from North America / 4,058 to North America with a budget of €30 m (2009)

/// 14 regional offices, 50 information centers worldwide



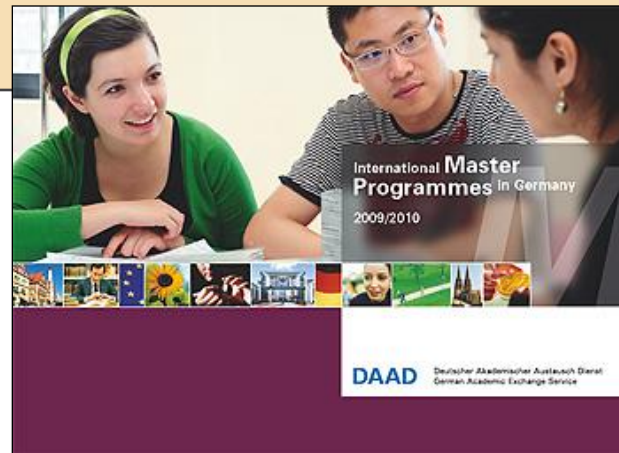


## How to choose your partner institution

- /// Existing cooperation between professors
- /// Contact at conferences and through publications
- /// Consult rankings, such as “CHE”, published in English on the DAAD web site:  
[www.daad.de](http://www.daad.de)
- /// The “Excellence Initiative” finances a group of German universities which are especially strong in research
- /// Preference may be given to programs conducted in English



## International Bachelor, Master and PhD Programs



- /// There are hundreds of international Bachelor, Master and PhD courses in German universities, many of them in English
- /// 86 Bachelor Programs
- /// 576 Master Programs
- /// 282 Doctoral Programs
- /// Ask your partner university whether they have any courses in English
- /// For more information, consult [www.daad.de](http://www.daad.de)



## ISAP – International Partnerships in Higher Education



**„Internationale Studien- und Ausbildungspartnerschaften (ISAP)“  
International Partnerships in Higher Education**

**The partnerships are arranged for specific fields**

**Credits are accepted, tuition fees are (partly) waived**

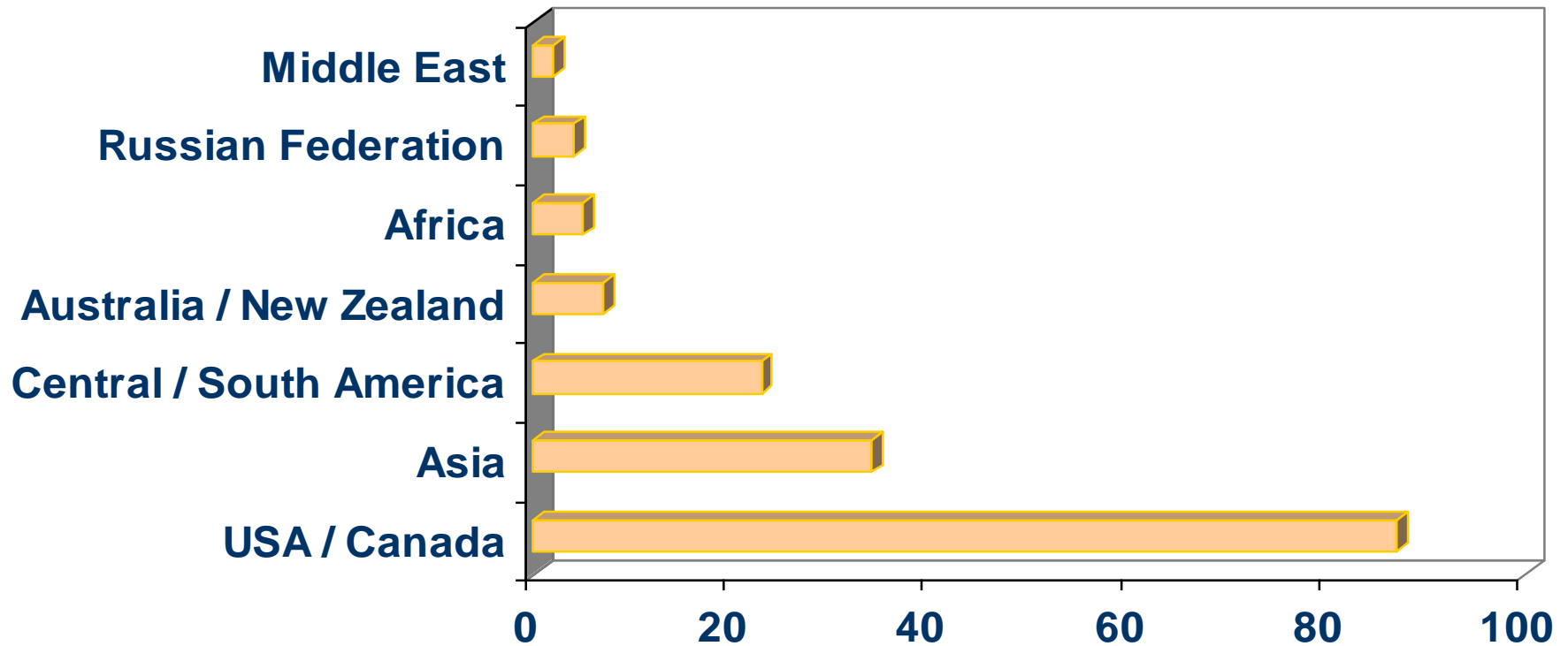
**Applications are submitted by the German university**

**The DAAD provides financial support for the German students and the German partner institution**

**Americans may be financed through “Kontaktstipendien” the DAAD provides to German universities**



## 162 ISAP projects in 2008 - regional distribution







## Dual and joint degrees

**There is generous funding available for dual and joint degrees at the**

**/// Bachelor's level**

**/// Master's level**

**/// For joint doctoral programs (IPID)**

**In all three cases, the application has to come from the German partner and must be directed to DAAD Bonn.**

**10 projects funded with the US, among them 2 PhD programs (between Humboldt U Berlin and Princeton University).**

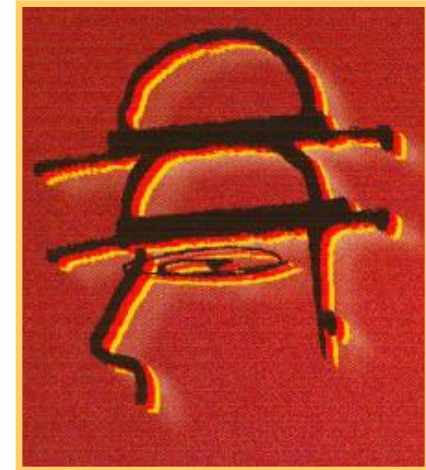


# Integrated International Double Degree Courses

## Requirements – Selection Criteria

Funded double degree courses must meet the following criteria:

- ✓ the two universities must agree on a **joint curriculum** which as far as possible ensures that the subjects complement each other and additionally delivers **intercultural competence**
- ✓ at least **one academic year** (2 semesters) of Bachelor's studies completed at the foreign partner university or **half a year** (1 semester) in the case of Master's courses
- ✓ the universities must agree on **how to admit** students to the joint course and on how to jointly **organize the final examination**





## Integrated International Double Degree Courses

- ✓ proof of at least **5 participants** from each side (at the start of the establishment phase; generally after 5 years of funding)
- ✓ agreement on **credit transfer** (e.g. for Erasmus countries - ECTS) to ensure that academic achievements abroad are duly recognized
- ✓ intensive **language preparation** for the exchange students and measures to ensure sufficient knowledge of the language of instruction
- ✓ award of a degree by each partner university (**double degree**) or of a common degree (**joint degree**)
- ✓ information on the degree in the form of a **Diploma Supplement**
- ✓ joint study and **examination regulations** (to be adopted at the latest by the start of the establishment phase)





## Programs to intensify cooperation between German and American university departments

### DAAD Visiting Professorship Program to Germany

1 month to 4 years, depending on model  
Compensation according to the salary scales for German universities  
Co-financing by the German university  
Application by the German university to DAAD Bonn



### Opportunities to invite German Scholars: „Kurzeitdozentur“

1-6 months, co-financing by host university  
DAAD covers travel costs and provides daily/monthly allowances  
Applications have to be submitted to DAAD Bonn



## Programs to intensify cooperation between German and North American university departments

### Group Study Visits

Group of 10-15 students (plus one accompanying faculty member)  
DAAD subsidizes room and board  
Applications submitted to DAAD New York

Canada  
USA



Germany

### Group Study Visits

Group of 5 to 15 students (plus one accompanying faculty member)  
DAAD subsidizes room and board  
Financed by the German University through money provided by DAAD (PROMOS)





## DAAD Co-operative Research Grants

**Individuals are funded within the framework of well-defined research proposals necessitating international co-operation.**

**Special emphasis lies on the support of young scholars, i.e. graduate students working on their thesis, PhD and postdoctoral students**

**47 projects in 2010, maximum amount \$ 10,000**

**The DAAD grants an allowance to the German participants for travel and residence costs.**

**Primary financing for the co-operative research project, including personnel costs, must come from other sources on both sides.**





## Research Visit Grant for Faculty

- ⚡ **Foreign university teachers, academics, scientists, former holders of DAAD long term scholarships (more than 6 months)**
- ⚡ **Allows candidates to carry out a research or study proposal at a German university or non-university research institute**
- ⚡ **Between 1840 and 1990 Euros per month (depending on academic status), travel allowance**
- ⚡ **1 to 3 months**



## Germany Today Program for University leaders

- /// **Annual information visit on current development in Germany and Europe**
- /// **Bonn, Jena, Leipzig and Berlin**
- /// **„Examples of Excellence in German Higher Education and Research“**
- /// **June 18-25, in English, all program related costs in Europe will be borne by DAAD**
- /// **Application deadline March 9th, 2011**



## DAAD Science Tour

- /// **Annual information visit on current developments in the sciences in Germany**
- /// **Takes place in the fall**
- /// **2010 it is focused on chemistry**



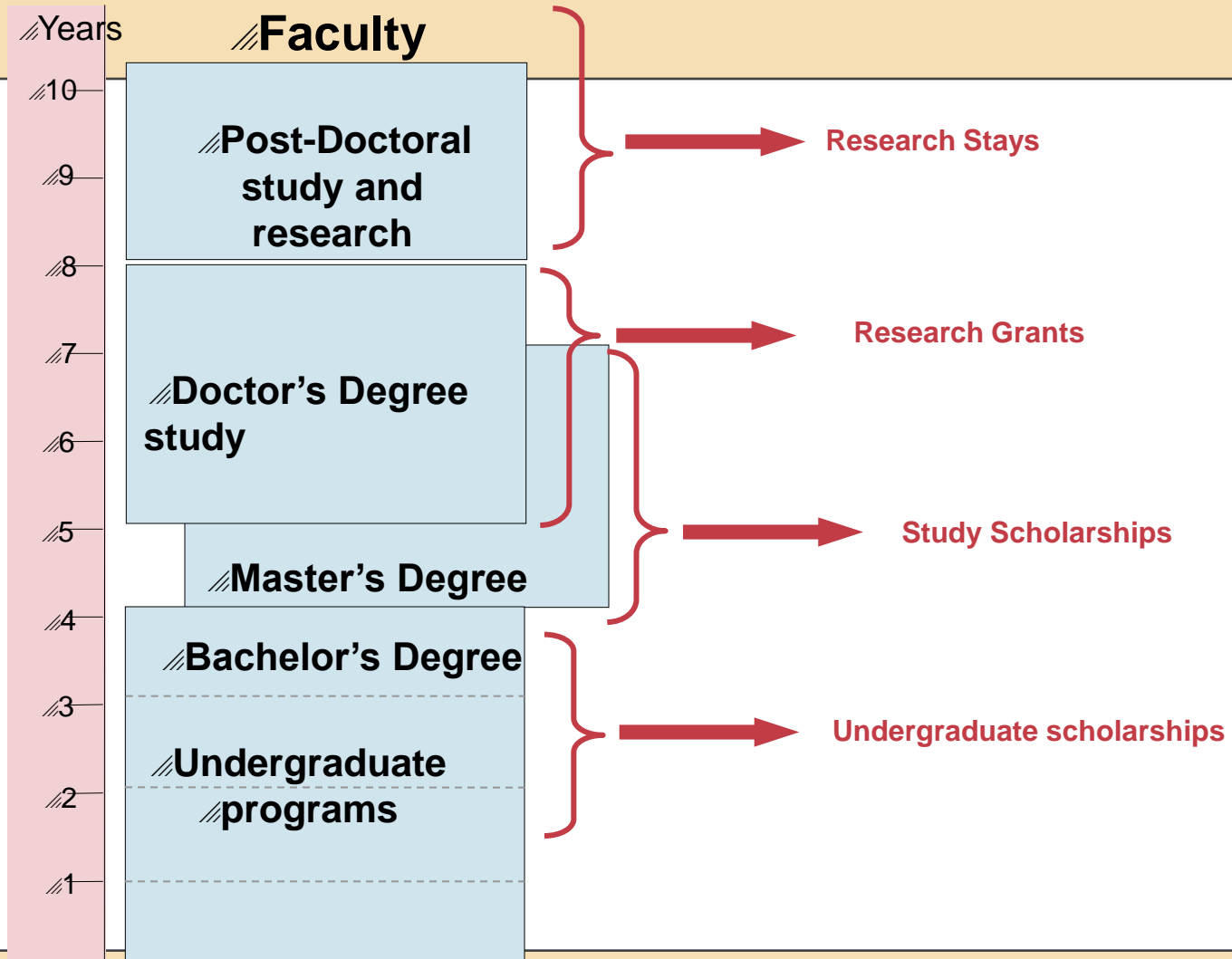
## Learn German in Germany Grants

- /// **For faculty in all fields except German Studies**
- /// **Four and eight week courses are offered year round at Goethe Institutes in Germany**
- /// **Scholars who have been working at a US university of research institute for at least two years after their PhD (or equivalent)**
- /// **About 1700 € for a four-week course**





# Scholarships for Americans and Germans





## Undergraduate Scholarships

- /// Funding for study abroad, internships, or senior thesis research
- /// Open to students in all fields
- /// Previous knowledge of German not required, but advantageous
- /// 4-10 months during the German academic year
- /// Around 60 awarded annually



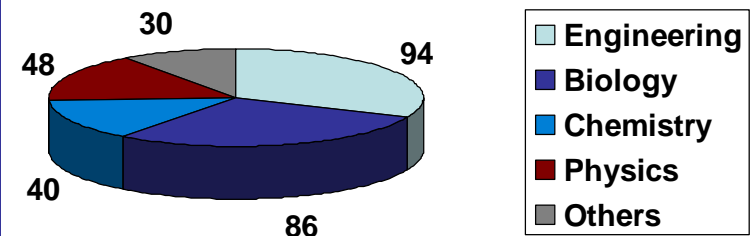


## RISE

- /// “Research Internships in Science and Engineering”
- /// 8-12 weeks in summer
- /// Web-based matching process
- /// Undergrads work directly with German doctoral students at top labs across country
- /// No German required
- /// Scholarships and housing assistance provided
- /// 364 interns placed in 2009



Interns by disciplines, 2009





## RISE *professional*

- /// For undergraduate DAAD alumni, or any recent graduates or graduate students.
- /// 6-12 week summer placements in industry internships with leading German companies.
- /// German requirements depend on the nature of the internship.
- /// Scholarships and housing assistance are provided.
- /// **NEW:** 2 week intensive language course for RISE and RISE *pro* participants with little or no German





## Summer Courses

- /// **Summer courses at German Universities for juniors, seniors, and grad students**
- /// **Hundreds of courses to choose from**
- /// **Scholarships only for courses taught in German – 2 years minimum language requirement**





## Study Scholarships for Graduates

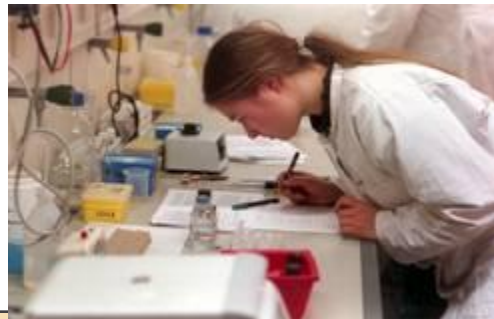
- /// Support for one or two years of study in Germany
- /// Can be used to earn a Master's degree – some taught in English – at a German university
- /// German language ability should be commensurate with needs
- /// Final-year undergraduate students may apply
- /// 60 awarded annually





## Research Grants

- /// 1 to 10 months (with the possibility of an extension)
- /// PhD candidates and postdocs must have well-defined research project (also to complete PhD in Germany)
- /// Around 30 short term (< 6 mo.) and 60 long-term awarded annually
- /// TIP: Invitation by host institution essential





## Intensive Language Courses for Graduates

- ▶ **Learn German for 8 weeks at top language institutes in Germany**
- ▶ **Any field except English, German, or other modern language or literature**
- ▶ **Must have 3 semesters of college German**





# Thank you for your attention

## Useful websites:

/// [www.daad.org](http://www.daad.org) (North American program)

/// [www.daad.de](http://www.daad.de) (international website)

/// [www.higher-education-compass.de](http://www.higher-education-compass.de)  
(institutions, programs, international cooperation)





# Auf Wiedersehen in Deutschland!





# Funding and sustaining transatlantic ties

## A French approach to structured partnerships

- Why ? Attractiveness of French Universities; yes, but
- Diagnosis and strategy
- Structured partnerships: Alliance Program and the Partner University Fund

***Pascal Delisle***

***French Embassy in the United States***

*AEIA Monday, February 21<sup>st</sup>, 2012*



## *Attractiveness of French Universities: Yes, but...*

- France : 4th destination for American students, after UK, Italy and Spain
- 16910 in 2008-2009, around 6.6% of outbound US students
- 9 800 students visas (more than 90 days) to France in 2009, 9957 in 2010 (sept 2009 à aout 2010)
- More than 570 « American programs » in France that welcome the majority of US students to France on a one way basis
- Only 3 465 fully registered in French universities in 08-09 (3192 in 07-08)

## *But... Imbalance in disciplines in spite of rising attractiveness at the Graduate level*

### **Disciplines**

- Languages : 38 %
- Littérature, arts and linguistics : 31 %
- Law, Political Science : 10 %
- Humanities and social sciences : 8 %
- Management and economics : 6 %
- Sciences and applied sciences : 4 %
- Life Sciences, earth science : 2 %
- Health: 1 %

### **Levels**

- 49% at the Bachelor's level (compared to 60% in 07-08), 46% at the Master's level (compared to 34%) and 5% at the doctoral level (compared to 6%)

- Source : DGCID/CSU 2008 et 2009

# *Diagnosis: lack of institutional leadership and lack of synergy between research and training*

## **Diagnosis: lack of collective action/leadership**

- France attractiveness for students relies too heavily on the humanist/european tradition of US study abroad.
- The density of research collaborations (more than 7000 papers cosigned every year) does not translate into institutional partnerships.
- Our fields of comparative advantage are not reflected in the transatlantic realm

## **Strategy: foster structured partnerships**

- Need to empower universities to become more proactive. Far reaching reforms under way like in Germany.
- Build the awareness of High Ed leadership + ministries
- Key priority = Foster multilevel/multilayered partnerships (education/research) through grants/funding opportunities
- Favorable context as many American universities are interested in such partnerships

# *The Alliance Program*

- Launched in 2002. Columbia University, Sciences Po, Ecole Polytechnique, University Paris I Pantheon-Sorbonne
- A sui generis, flexible consortium based approach largely led by special status institutions
- Confidence building, identification of areas of collaboration and facilitation of those partnerships
- Multiyear initial support from the French government
- Endowment/collective fund-raising and individual input from the four member schools for their bilateral programs
- Joint governance at the highest level

# *The Alliance Program*

- 15 dual degrees and joint programs (190 students involved annually)
- Annual call for research collaborations (3 to 4 teams funded per year)
- Annual call for doctoral mobility (4 to 6 PhD students involved per year)
- Visiting professorships (over 10 visiting professors per year, both ways)
- More than 40 conferences/seminars annually, both in New York and Paris. Attendance over 2700
- Conclusion: power of structured partnerships. Growth and diversification of the collaborations, financial sustainability because the program has taken center stage at the 4 universities

# *Partner University Fund*

- Launched in 2007 at the initiative of the Embassy.
- Principle = provide incentives and support to emerging partnerships in research and training
- Same philosophy that Alliance but at a school/department level
- Up to 80,000 USD annually for three years, subject to annual evaluation
- Single funding tool = Avoid fragmentation of funding for different facets of a partnership (Doctoral grants, visiting professors, research collaborations, conferences, etc.)
- 43 projects currently funded, Fourth cohort to be selected in April 2011. Over 2.5 millions USD awarded in 2010-2011
- Key = incentive + bottom-up approach



# Impact

## Quantitative Impact

- 1 260 students and 680 professors involved in 2010-2011
- More than 300 students and 275 professors benefiting from mobility in 2010-2011
- Dual degrees, rebalancing of disciplines, publications, additional funding, etc. Qualitative evaluation under way

# Proposals:	# Awards	Categories (7)		
2008 (67)	2008 (16)	Art & Culture	(12)	28%
2009 (91)	2009 (16)	Business & Law	( 2)	4%
2010 (78)	2010 (11)	Ecology & Environment	( 5)	12%
		Engineering	( 8)	19%
236	43	Information Technology		
	(18%)	Medicine	( 7)	16%
	(about 1 in 5)	Physics/Science	( 9)	21%
			43	100%

# Exemples lauréats 2010

- **Massachusetts Institute of Technology (MIT) / Commissariat à l'Énergie Atomique (CEA)**  
Spin-Polarized Tunneling across Ferrite-based Spin Filters
- **The University of Chicago / Maison René Ginouvès (Archéologie et Ethnologie), Université Paris X, Nanterre**  
Migration, Material Culture, and Memory: Constructing Community in Mobile Worlds
- **Georgia Institute of Technology / Institut Langevin**  
Improving the diagnosis of neuromuscular disorders and assessment of physical therapy treatments with ultrafast ultrasound elastography
- **Nanobiotechnology Center (NBTC), Cornell University / Centre Microélectronique de Provence (CMP), Ecole Nationale Supérieure des Mines de Saint Etienne (ENSM-SE)**  
Interdisciplinary Research and Training Collaboration on Bioelectronics

# Examples lauréats 2010

- **New York University School of Medicine / Université Paris-Sud II Orsay**  
Emotion & Time Developmental study of temporal memory and its modification by emotion
- **Princeton University, Department of Chemical Engineering / Ecole Normale Supérieure de Cachan**  
Electrically Conducting Polymer-Graphene Nanocomposites
- **University of California, Irvine / Institute of Electronics, Microelectronics, and Nanotechnology, University of Lille**  
High Frequency Nanotube Printed Circuits

# Location of French Universities receiving PUF funding





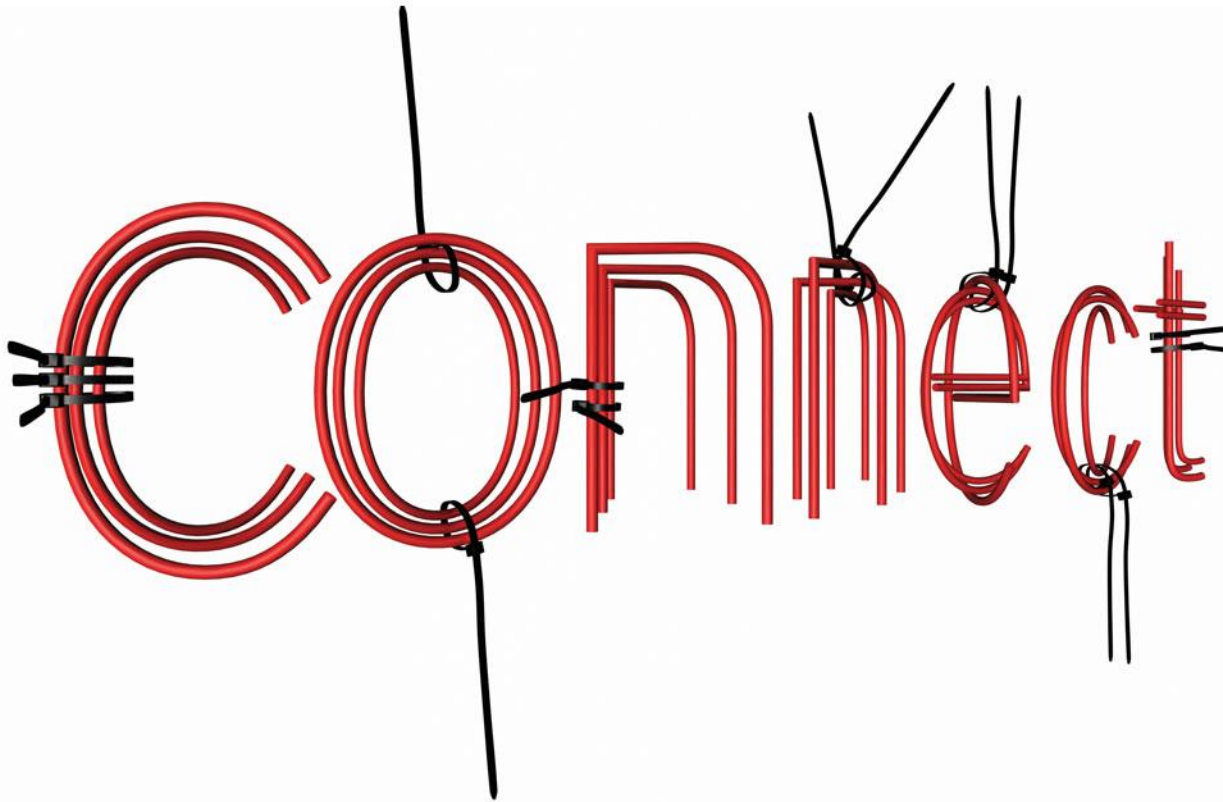
# Location of American Universities receiving PUF funding





**QUESTIONS ?**





## Funding and Sustaining Ties with Europe

Mary Catherine  
Scarborough

- British Council and EducationUK  
Who, where, what – and how we're funded
- The UK-US New Partnership Fund
  - Strategic Partnerships
  - Purpose
  - Funding Structure
  - Proposal Evaluation
  - New Partnerships

# The British Council

## **The British Council is the UK's international organization for educational and cultural relations**

- Founded in 1943 through Royal Charter
- Represent all of the UK: England, Scotland, Wales and Northern Ireland
- Offices in 110 countries & territories
  - US offices based at British Embassy in Washington DC, with staff in the Los Angeles Consulate and New York City
  - Canadian offices in Ottawa and Montreal
  - Mexico City, Mexico
  - Brazil – Brasilia, Recife, Rio de Janeiro, San Paulo
  - Santiago, Chile
  - Bogota, Columbia
  - Havana, Cuba
  - Kingston, Jamaica
  - Port of Spain, Trinidad and Tobago
  - Caracas, Venezuelae

# Higher Education Work in North America

- Advise UK Universities on higher education policy and market conditions to enable institutional partnerships
- Advocate on behalf of UK within the higher education industry
- Primary ways UK Universities work in North America:
  - Institutional partnerships
    - Research and teaching collaborations
    - Degree partnerships – dual, joint, double
    - Student mobility – study abroad and exchange

# Funding Structure

- EducationUK is the International Higher Education brand representing institutions
  - As a membership association, institutions pay EducationUK annual fees to receive both general and specific services
  - The Education UK Partnership Covers 18 countries:  
Brazil, China, Hong Kong, India, Indonesia, Japan, Korea, Malaysia, Mexico, Nigeria, Pakistan, Russia, Singapore, Thailand, Turkey, UAE, USA and Vietnam
- Government grants cover (or contribute to) specific initiatives
  - *UK-US New Partnership Fund*
  - Research: 'UK-US Higher Education: Realising the Potential'

# Strategic Partnerships

## How do we define a 'Strategic Partnership'?

- Several forms of collaboration – not just one strand in isolation
  - Mobility: Student, Professor, Researcher, Staff, Leadership
  - Research: Collaboration, Joint Publishing, Mobility
  - Subject area: interdisciplinary
- High – Wide – Deep Relationships

## What's next?

- Engage business and philanthropy
- Multilateral/ Multinational collaborations



## Example: UK-US New Partnership Fund

**Funded by the UK Government through PMI and Managed by the British Council**

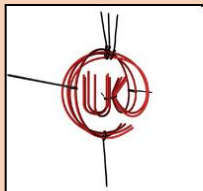
24 winning partnerships with up to £20,000 in seed money to spend in 2011

Help establish collaborations:

- New Partners
- Expand co-operations for existing partners into new activity
- Pilot UK-US collaborations with third countries

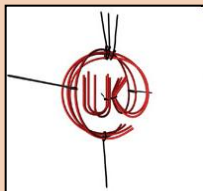
Priority was given to partnerships:

- Focused in STEM fields
- Demonstrating innovative and interdisciplinary approaches
- Creating multilateral collaborations
- Exploring new models for degree partnership
- Between the US, the UK and a third country



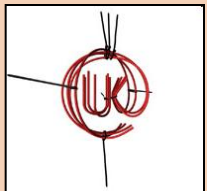
## Aims of the UK-US New Partnership Fund:

- Grow mutually beneficial partnerships between UK and US HEIs.
- Provide opportunities to deepen and broaden existing co-operation between UK and US HEIs.
- Introduce new HE institutions to UK-US partnerships including from a greater diversity of locations in both countries.
- Strengthen the skills of higher education staff in both countries in developing and delivering partnerships.
- Build the basis for future sustainable partnerships between the collaborating institutions.
- Pilot new UK and US partnerships in third countries.



## Funded Collaborations include

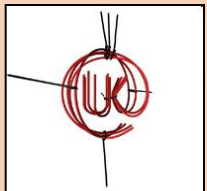
- 24 Projects between the US (26 institutions) and the UK (22 institutions)
- 9 UK-US Partnerships with a third country  
(Brazil, China, India, Kenya, Palestine, Rwanda, South Africa, and Sweden)
- 7 institutions launching their first partnership between the US and the UK
- 13 STEM Projects (representing all of the fields)
- 7 Research based collaborations



## Selection Process

British Council worked in partnership to achieve the selection of 24 collaborations from the 230 partnership applications

- IIE and ACE in the United States
- Universities UK, Research Councils UK (RCUK) and the UK's Science & Innovation Network (SIN)



## Scoring Criteria:

### 1. CONFORMITY TO GUIDELINES

<b>Score:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
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- Are the proposal activities appropriate for PMI2 funding?
- Does the proposal suggest the growth of a mutually beneficial partnership?
- Are the contributions of each team appropriate and do they complement each other?
- Are the contributions of teams broadly balanced (i.e. implies similar amount / level / degree)?

# Scoring Criteria

## 2. FINANCIAL PROPOSAL

**Score:**            1            2            3            4            5

- Does the investment represent value for money?
- Does the proposal represent a cost-effective approach to achieving the objectives?
- Are any items inappropriate?
- Do any items need clarification?
- Does the project come in within budget?



## Scoring Criteria:

### 4. PROPOSAL & PLAN

**Score:**                    1                    2                    3                    4                    5

- Are the objectives clearly defined and relevant?
- Are the proposed outcomes appropriate to PMI2 objectives and achievable?
- Is the proposal clear, focused and well-structured?
- Do the project managers have expertise and experience to deliver the objectives effectively?

# Scoring Criteria

## 5. SUSTAINABILITY

**Score:**                    1                    2                    3                    4                    5

- Are the plans for sustainability appropriate and realistic?
- Are the benefits of the collaboration likely to extend beyond the individual level?

# Recipients of the British Council New Partnership Fund

## Social Sciences

- Central Saint Martins College of Art and Design, University of the Arts London & City University of New York, Yale University
- University of East Anglia & Temple University
- Coventry University & Texas A&M University

## Urban Development

- University of Salford & Indiana State University

## Medicine

- King's College London & University of California at San Francisco

## Science

- Glasgow Caledonian University & University of Massachusetts, Boston
- Queens University Belfast & Wright State University

# Recipients of the British Council New Partnership Fund

## Technology

- University of the West of England & Carnegie Mellon University
- Cardiff University (Welsh School of Architecture) & Illinois Institute of Technology, University of Illinois at Urbana-Champaign, Carnegie-Mellon University

## Engineering

- University of Nottingham & Virginia Tech University
- University of Essex & Northwestern University
- City University London & University of Wisconsin-Madison, Northeastern University, Santa Monica College
- University of Hertfordshire & Lawrence Technological University

# Third Country Collaborations:

## ***Brazil***

### **Science**

- University of Surry & North Carolina State University with Universidade de São Paulo-Usp, Brazil
- University of Abertay Dundee & Michigan State University, Rensselaer Polytechnic Institute with Federal University of Rio Grande do Sul, Brazil

## ***China***

### **Social Sciences**

- University College London & Georgetown University with the Stockholm School of Entrepreneurship & Peking University

### **Technology**

- University of Manchester & Georgia Institute of Technology (School of Public Policy) with Beijing Institute of Technology
- School of Management and Economics

## ***India***

### **Computer Science**

- Newcastle University & Pennsylvania State University (College of Information Sciences & Technology) with Indian Institute of Technology, Delhi, India

# Third Country Collaborations:

## ***Kenya***

### **Health Science**

- Liverpool John Moores University & University of Florida with KEMI, Nairobi, Kenya

## ***Palestine***

### **Urban Development**

- University of Wolverhampton & Stanford with Najjad Zeenni Information Technology Center of Excellence

## ***Rwanda***

### **Medicine**

- University of Edinburgh & Yale University (School of Medicine) with National University of Rwanda (Faculty of Medicine) Rwanda

## ***South Africa***

### **Mathematics**

- University of Sussex & Auburn University with SAMAS Cape Town University, South Africa



British Council: [www.StudyInTheUK.org](http://www.StudyInTheUK.org)

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