

# A golden era for Open Access or a trend towards the golden road to Open Access?



# Agenda

- 1) Open Access Strategy at Bielefeld University
- 2) German Research Foundation: OA Publishing Program
- 3) Bielefeld University Publication Fund
- 4) Discussion
- 5) Conclusions

# 1) Open Access Strategy at Bielefeld University

- Institutional repository → now holistical publication data management with OA component
- Funding of publication fees (BMC member since 2004, publication fund since 2009)
- OA resolution 2005
- Bielefeld Academic Search Engine (BASE)
- OJS support for OA journals



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Uni von A-Z

Suche

Universität Bielefeld > Open Access

### Navigation

- [Startseite](#)
- [Resolution](#)
- [Publikationsfonds](#)
- [Dissertationen](#)
- [Pre- und Postprints](#)
- [E-Journals \(OJS\)](#)
- [Working Paper Series](#)
- [Weitere Services](#)
- [Kontakt](#)

### Open Access an der Universität Bielefeld

Laut **Berliner Erklärung über offenen Zugang zu wissenschaftlichem Wissen vom 22. Oktober 2003** beschreibt Open Access das Ziel, Wissen und Information in digitaler Form für den Nutzer ohne finanzielle, technische oder rechtliche Barrieren zugänglich und nachnutzbar zu machen. Die Berliner Erklärung wurde unter anderem von der **Hochschulrektorenkonferenz**, dem **Wissenschaftsrat**, der **Deutschen Forschungsgemeinschaft**, dem **Deutsche Bibliotheksverband** und verschiedenen Wissenschaftsorganisationen unterzeichnet.

Vorteile des Open Access für wissenschaftliche Autoren sind:

- | Schneller, entgeltfreier Zugang zu öffentlich finanzierten Forschungsergebnissen
- | Erhöhte Sichtbarkeit der eigenen Publikationen und Daten
- | Bessere Auffindbarkeit über allgemeine und wissenschaftliche Internet-Suchmaschinen

Die Universität Bielefeld unterstützt Wissenschaftlerinnen und Wissenschaftler in der Verbesserung der Sichtbarkeit ihrer Forschungsergebnisse durch Förderung des Open-Access-Publizierens in Verbindung mit einem zentralen Nachweisystem für möglichst alle Bielefelder Publikationen. Der **Publikationsfonds** ermöglicht die Kostenübernahme von Publikationsgebühren, für die Gründung eigener oder die Umwandlung von bestehenden Zeitschriften in **Open-Access-Zeitschriften** wird die Open-Source-Software OJS (Open Journal System) bereitgestellt. Mit **PUB - Publikationen an der Universität Bielefeld** betreibt die Universitätsbibliothek ein institutionelles Repositorium für die Veröffentlichung verschiedener Publikationsarten, wie z.B. Dissertationen, Working Papers, Pre- und Postprints.

Weitere allgemeine Informationen:

Open Access : Positionen, Prozesse, Perspektiven / hrsg. von der Arbeitsgruppe Open Access in der Allianz der deutschen Wissenschaftsorganisationen. 2009

<http://www.allianz-initiative.de/fileadmin/openaccess.pdf>

### Wir unterstützen

- arXiv**
- Biomed Central (BMC)**
- DOAJ**
- PLoS**
- open-access.net**



OA Tracking Project  
**oatp**

**oatp** Brief of Amici Curiae Academic Authors in Support of Defendant-Appellant and Reversal: "From the Abstract Filed... [bit.ly/10ljz58](http://bit.ly/10ljz58)  
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**oatp** Open evaluation: a vision for entirely transparent post-publication peer review and rating for science: "Extract... [bit.ly/10ljz56](http://bit.ly/10ljz56)  
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**oatp** Designing next-generation platforms for evaluating scientific output: what scientists can learn from the social ... [bit.ly/10liiht](http://bit.ly/10liiht)



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## 2) German Research Foundation: OA Publishing Program

- Overall goal: help to establish stable and reliable structures for funding OA publications
- Incentive to build a regular funding of OA publications

## 2) German Research Foundation: OA Publishing Program

- Requirements for funding:
  - real OA (no hybrid publications)
  - journals should have a certain quality
  - publication fee max. 2,000 EURO
  - author affiliation to supported institution
  - acknowledgement of funding



## Ergebnisliste

**Projekte** | Personen | Institutionen

Ihre Suchanfrage im Bereich "Projekte" lautet

Stichwort(e):

- Literaturversorgung und Informationssysteme
- Open Access Publizieren
- Teilprojekte anzeigen
- Auch Projekte ohne Abschlussbericht anzeigen

[neue Katalogsuche starten](#) [Katalogsuche anpassen](#)

Weitere Ergebnisse

Ihre Suchanfrage entsprechend wurden weitere Treffer in folgenden Bereichen gefunden

→ Institutionen (25)

Sortieren nach: Relevanz

Ergebnisse 1 bis 10 von 25 Treffern auf 3 Seiten

**Open Access Publizieren / Universität Bielefeld**

Förderprogramm	Open Access Publizieren		
DFG-Verfahren	Literaturversorgung und Informationssysteme	Förderung	Seit 2010

Um ihre Angehörigen bei der Veröffentlichung von Open-Access-Zeitschriftenartikeln zu unterstützen, etabliert die Universität einen Publikationsfonds. Über die

→ mehr

**Open Access Publizieren 2012 / Universität Bremen**

Förderprogramm	Open Access Publizieren		
DFG-Verfahren	Literaturversorgung und Informationssysteme	Förderung	Seit 2010

**GEPRI aktuell**

Seit Juni 2012 werden in GEPRI folgende Rollen unter "beteiligte Personen" zusammengefasst:

- Mittragstellende
- Kooperationspartner und Kooperationspartnerinnen
- Gastwissenschaftler und Gastwissenschaftlerinnen

Als "beteiligte Institution" werden außerdem zusammengefasst:

- Industriepartner
- Kooperationspartner

## 2) German Research Foundation: OA Publishing Program

- 19 universities have received about 1,18 Mio. EURO from German Research Foundation (DFG) in 2010 and 2011
- 25 universities are / will be supported in 2012 and 2013 by DFG
- Alliance of German Science Organisations (incl. DFG): OA component in national licensing programs



### 3) Bielefeld University Publication Fund

- established in 2009, additional support by DFG since 2010
- distinguishing mark: combination of OA funding and (OA) publication data management



## Navigation

- ☰ Startseite
- ☰ Resolution
- ☰ **Publikationsfonds**
- ☰ Dissertationen
- ☰ Pre- und Postprints
- ☰ E-Journals (OJS)
- ☰ Working Paper Series
- ☰ Weitere Services
- ☰ Kontakt

## Publikationsfonds: Geförderte Publikationen

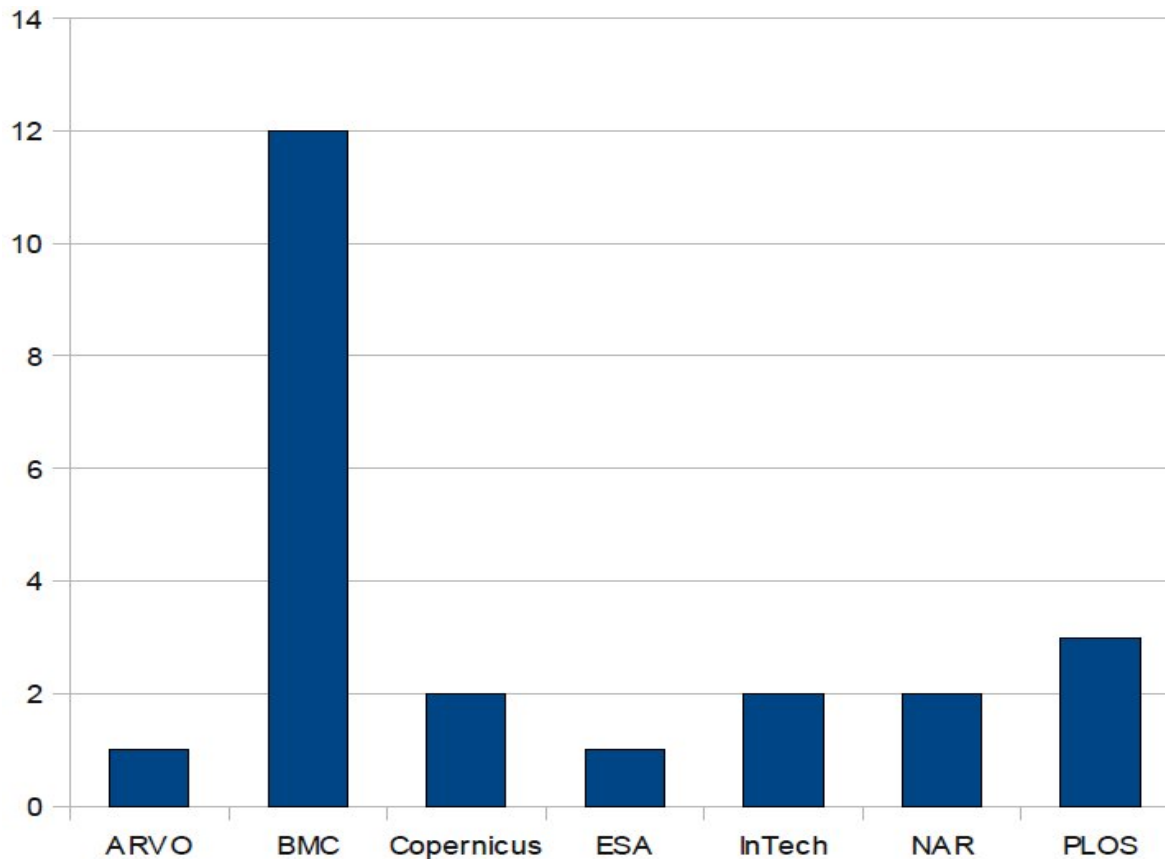
### Liste der geförderten Publikationen

- Brzoska, P., Yilmaz-Aslan, Y., Sultanaglu, E., Sultanaglu, B., & Meyer, Ü. 2012. "The factor structure of the Turkish version of the Revised Illness Perception Questionnaire (IPQ-R) in patients with diabetes and cardiovascular disease". *BMC Public Health* 12.  
**PUB | PDF | DOI**
- Kalinowski, J., & Busche, T. 2012. "Transcriptional regulation of the operon encoding stress-responsive ECF sigma factor SigH and its anti-sigma factor RshA, and control of its regulatory network in *Corynebacterium glutamicum*". *BMC Genomics* 13.  
**PUB | PDF | DOI**
- Rapp, D., Zoch, B., Khan, M.H., Pollmann, T., & Krämer, A. 2012. "Association between gap in spousal education and domestic violence in India and Bangladesh". *BMC Public Health* 12.  
**PUB | PDF | DOI**
- Rölle, J., Krüger, S., Jansen, C., & Berthold, K. 2012. "The Use of Solved Example Problems for Fostering Strategies of Self-Regulated Learning in Journal Writing". *Education Research International*.  
**PUB | DOI**
- Baake, M., & Grimm, U. 2012. "On the Notions of Symmetry and Aperiodicity for Delone Sets". *Symmetry* 4, 566 - 580.  
**PUB | PDF | DOI**
- Niemann, H., & Schreiner, M. 2012. "Crystal structure of the *Yersinia enterocolitica* type III secretion chaperone SycD in complex with a peptide of the minor translocator YopD". *BMC Structural Biology* 12(13).  
**PUB | PDF | DOI | PubMed | Europe PMC**

### 3) Funded OA Publications 2011: Journals

Publikationsort	Artikelanzahl
BMC Bioinformatics	4
BMC Genomics	3
PLoS ONE	3
Nucleic Acids Research	2
Biodata Mining	1
Biodiesel – Quality, Emissions and By-Products	1
Biogeosciences	1
Biogeosciences Discussions	1
BMC Microbiology	1
Ecosphere	1
Emerging themes in epidemiology	1
International Journal of Behavioral Nutrition and Physical Activity	1
Journal of Vision	1
Metabolomics	1
Proteome Science	1

### 3) Funded OA Publications 2011: Publishers



### 3) Bielefeld University Publication Fund

- average APC: 1,740 EURO → calculation: total expenditures / published articles
- Solomon & Björk 2012: average APC 960 USD
- Finch Report: 1,500 – 2,000 GBP

### 3) Bielefeld University Publication Fund

- Workflow (memberships, individual requests)
- „Old“ assignments:
  - budget management
  - membership management
  - knowledge of several license models
  - indexing of publications



### 3) Bielefeld University Publication Fund

- „New“ assignments:
  - more information and individual consulting service
  - publication data management
  - relying on other external resource databases (DOAJ, WoS, ...)
  - providing identifiers for publications
  - take care for visibility of publications

### 3) Bielefeld University Publication Fund

- „Problems“:
  - often long period between submission, payment and final publication → problems with balancing of accounts
  - a lot of publishers and journals don't offer central invoicing
  - pros and cons prepaid membership models
  - „predatory“ OA publishers

### 3) Bielefeld University Publication Fund

- Further developments:
  - continued support by DFG in 2013
  - using more external databases via APIs to increase the number of Bielefeld publications in PUB
  - becoming the „OA clearing center“ for Bielefeld University

## 4) Discussion: who is interested in the golden road?

- the commercial OA publishers
- the established (STM-) publishers (who want us to pay the transformation to OA)
- the research funding organisations? → conflict of aims: support the trend to commercial and non-commercial OA or support the transformation from TA- to OA-journals?

## 4) Discussion: trend to golden road?

- BASE: content of repositories consists mainly of „green“material
- Houghton et.al. (2009) self-archiving has the lowest costs per article
- Shieber (2009): 73% of OA-journals don´ t demand APCs
- Dallmeier-Tiessen et.al (2011).: 89% of scientists say, OA articles are beneficial for their field
- Lozano et.al. (2012): link between impact factor and number of paper citation decreases
- ...

## 4) Discussion: which road for universities and libraries?

- Universities want their publication output as much as visible as possible
- Authors are „prosumers“:
  - as producers OA is not (yet) the most important factor when looking for a publication place
  - as consumers authors like OA

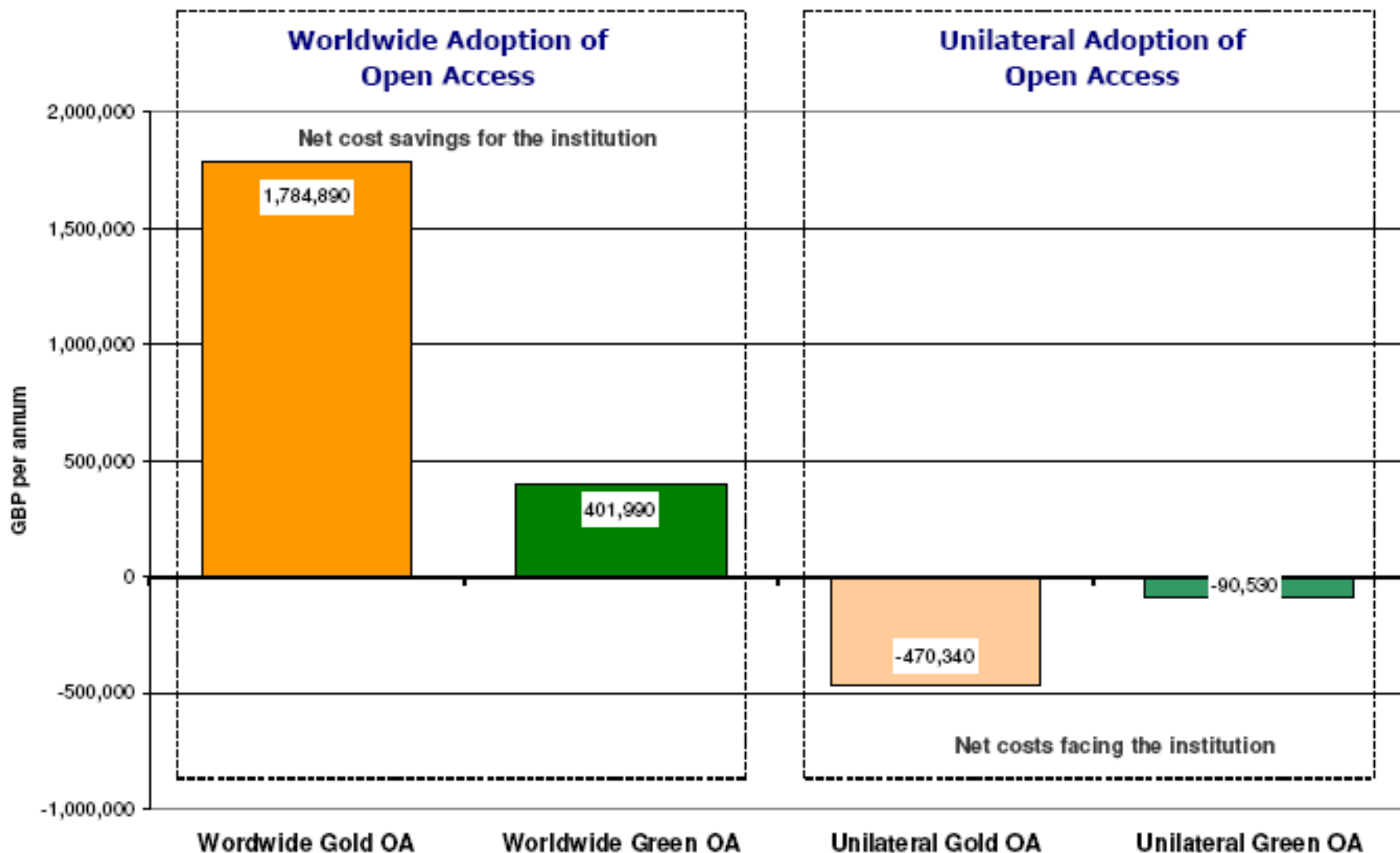


## 4) Discussion: which road for universities and libraries?

- assume 1,000 articles published at Bielefeld University in 2011
- average APC 1,740 EURO \* 1000 = 1,74 Mio. EURO
- total expenditures on journals (p+e) by Bielefeld UL: 1,48 Mio. EURO (cost increase about 17,5%)
  - there will only be a benefit when everthing else is OA!
  - typical game theory problem!

Figure 1

# Costs and savings for universities using OA alternatives with worldwide and unilateral adoption



## 4) Discussion: which road for universities and libraries?

- libraries can cancel subscriptions, if they are too expensive
- ... but can they stop paying APCs, if the costs get out of hands?

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## 5) Conclusions

- in the long run TA-journals will disappear
  - funders and libraries should not disturb this process
- Libraries should not only support the golden road but offer publication services (repositories, OJS, OMP, ...) for their universities and support the green road too

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*Björk, B.-C., Welling, P., Laakso, M., Majlender, P., Hedlund, T., & Gudnason, G. (2010). Open access to the scientific journal literature: situation 2009. PloS ONE, 5(6), e11273, <http://dx.doi.org/10.1371/journal.pone.0011273>*

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*Houghton, J. (2009). Open Access: What are the economic benefits? A comparison of the United Kingdom, Netherlands and Denmark.,*

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<http://www.cfses.com/projects/Going%20for%20Gold%20-%20Comment%20and%20Clarification%20%28Houghton%20and%20Swan%29.pdf>

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*Solomon, D. J., & Björk, B.-C. (2012). A Study of Open Access Journals Using Article Processing Charges. Journal of the American Society for Information Science and Technology, Preprint, <http://www.openaccesspublishing.org/apc2/preprint.pdf>*

**Thank You!**

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