THE OPEN ACCESS COOPERATIVE STUDY
About Me

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More than Half of articles between 2004 and 2014 are available OA

(Jamali and Nabavi, 2015; Archambault et al. 2014)
88 Funders in 18 Countries

Source: SPARC Presentation/roarmaps.eprints.org
$10 Billion

(Ware and Mabe, 2015)
data analysis shows that there is enough money already circulating in the global market... in the subscription system and that could be redirected and re-invested into open access business models

(Schimmer, Geschuhn, and Vogler, 2015)
How do we flip the business model?
Two Viable Means for Achieving the Flip

Article Processing Charge (APC) based model

Cooperation of Journals, Libraries and Funders
THE ARTICLE PROCESSING CHARGE (APC) MODEL
The APC Model

Averages between $1,500 - $2,000

Up to $5,000 for Nature & Cell Communications

(Bjork and Solomon, 2014; Schimmer et al., 2015)
## Hybrid OA Journals by Major Publishers 2009-2013

<table>
<thead>
<tr>
<th>Publisher</th>
<th>October 2009</th>
<th>January 2012</th>
<th>November 2013</th>
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<tbody>
<tr>
<td>Elsevier</td>
<td>68</td>
<td>1160</td>
<td>1600</td>
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<tr>
<td>Taylor &amp; Francis</td>
<td>300</td>
<td>577</td>
<td>1600</td>
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<td>Springer</td>
<td>1100</td>
<td>1360</td>
<td>1570</td>
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<td>Wiley &amp; Blackwell</td>
<td>300</td>
<td>726</td>
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<td>Sage</td>
<td>54</td>
<td>177</td>
<td>730</td>
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<td>Inderscience</td>
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<td>Emerald</td>
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<tr>
<td>Oxford University Press</td>
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<td>109</td>
<td>235</td>
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<tr>
<td>Cambridge University Press</td>
<td>15</td>
<td>120</td>
<td>202</td>
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<td>Nature Publishing Group</td>
<td>14</td>
<td>37</td>
<td>47</td>
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<tr>
<td>American Chemical Society</td>
<td>35</td>
<td>38</td>
<td>40</td>
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<tr>
<td>BMJ Group</td>
<td>19</td>
<td>28</td>
<td>40</td>
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<tr>
<td>IOP Science</td>
<td>0</td>
<td>27</td>
<td>34</td>
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<td><strong>Sum</strong></td>
<td><strong>1995</strong></td>
<td><strong>4359</strong></td>
<td><strong>8003</strong></td>
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</table>

(Ware & Mabe, 2015)
Disciplinary Inequities

Elsevier Average APCs

Biomedical $ 2,551
Social Science $ 1,835
Humanities $ 1,452

(Bjork and Solomon, 2014)
Evolution of APC Model to Cooperative
The Case of SCOAP3

<table>
<thead>
<tr>
<th>ORGANIZATION</th>
<th>ORIGIN</th>
<th>FIELD</th>
<th>JOURNALS/BOOKS</th>
<th>PRESSES</th>
<th>MEMBER INSTITUTIONS</th>
<th>FUNDING AGENCIES</th>
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<tbody>
<tr>
<td>SCOAP3</td>
<td>2014</td>
<td>Physics</td>
<td>10J</td>
<td>9</td>
<td>186</td>
<td>CERN</td>
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</table>
THE COOPERATIVE MODEL
a new way of looking at knowledge as a shared resource, a complex ecosystem that is a *commons* -- a resource shared by a group of people that is subject to social dilemmas”

(Ostrom & Hess, 2007)
# Cooperative OA Publishing Ventures

## Humanities / Social Sciences

<table>
<thead>
<tr>
<th>ORGANIZATION</th>
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<th>PRESSES</th>
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<tr>
<td>Pitt ELibrary Publishing</td>
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<td>Redalyc.org</td>
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<td>Hum/ Soc.Sci.</td>
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<td>-</td>
<td>1</td>
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<td>OpenEdition</td>
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<td>Hum/ Soc.Sci.</td>
<td>415J / 2,569B</td>
<td>49</td>
<td>150</td>
<td>CNRS</td>
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## Cooperative OA Publishing Ventures
### Multidisciplinary

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<th>ORGANIZATION</th>
<th>ORIGIN</th>
<th>FIELD</th>
<th>JOURNALS/ BOOKS</th>
<th>PRESSES</th>
<th>MEMBER INSTITUTIONS</th>
<th>FUNDING AGENCIES</th>
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<tr>
<td>Library Publishing Coalition</td>
<td>2013</td>
<td>All</td>
<td>404J / 73B</td>
<td>30</td>
<td>115</td>
<td></td>
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<tr>
<td>SciELO</td>
<td>1998</td>
<td>Sciences</td>
<td>1,249J / 321 B</td>
<td>6</td>
<td>27</td>
<td>FAPESP CNPq</td>
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## Cooperative OA Publishing Ventures
### Humanities

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<th>PRESSES</th>
<th>MEMBER INSTITUTIONS</th>
<th>FUNDING AGENCIES</th>
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<tbody>
<tr>
<td>Knowledge Unlatched</td>
<td>2013</td>
<td>Humanities</td>
<td>28B</td>
<td>13</td>
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<td>17J/21B</td>
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<td>7J</td>
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## Cooperative OA Publishing Ventures
### Life Sciences

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<th>PRESSES</th>
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<tr>
<td>eLife</td>
<td>2012</td>
<td>Life Sciences</td>
<td>1J</td>
<td>-</td>
<td>1</td>
<td>Wellcome Hughes</td>
</tr>
</tbody>
</table>
Research Question

Are there forms of cooperative associations among scholarly publishing stakeholders that offer an economically responsible and sustainable model for advancing the scholarly and public quality of research and scholarship?
CO-OPERATIVE PRINCIPLES

Structure

**Multi-Stakeholder**
cooperative association involving journals, research libraries, publishers, portals, funders, etc.

**Self-Governing**
Democratically run, legally incorporated non-profit associations committed to improving access and quality

**Supporting**
publication of journals and data sets, without precluding later inclusion of books and other forms of scholarly material

**Constituted**
by communities of interest (region, language, discipline), and participates in federation for global coordination.
**CO-OPERATIVE PRINCIPLES**

**Economics**

**Budget**
Derived from libraries’ and funders’ previous allocations to subscriptions, subsidies, APCs, grants, etc.

**Regulating**
Initially matching pre-cooperative revenues, will seek through investment and allocations to improve quality, efficiency and fairness.

**Allocation**
of funding toward publishing expenses, technical innovation, incubation, training, standards, management, etc.

**Leveraging**
Stakeholder expertise and in-kind resources

**Contracting**
Services (e.g. copy-editing, design, etc.) and fills journals’ back issue gaps through purchase or tax-concession.
CO-OPERATIVE PRINCIPLES

Standards

Ensuring cooperative’s intellectual property is placed under appropriate open licenses

Maintaining well-publicized and well-monitored membership criteria, adhering to standards that build academic and public trust

Developing and supporting interoperable standards for transparency, systems, impact metrics, and data-set sharing.
Study goals

Data Collection
to create business model and/or through participation in pilots with libraries.

Consult
with stakeholders on what would make cooperatives work or not work

Develop
open source infrastructure for co-op pilot projects to assess journal efficiency and quality on a global scale
Project Phases

Data Collection

Consultation

Constitutional Assembly
Case Study
ANTHROPOLOGY
AAA + Libraria potentially to compete against Wiley Blackwell for publishing of titles. Cooperative could offer 35% of titles for same cost as current subscriptions to Anthrosouce.
Case Study
ERUDIT
Canadian Proposal

Supported by the Canadian Research and Knowledge Network

Considering proposal for supporting 300-400 Canadian Journals
Case Study
AFRICA
In partnership with African Journals Online and the Library and Publishing Studies program at KUMASI in Ghana
Subscription funds could be redirected to the support of OA publishing of African journals
How Can We Work Together?
Join the Study
oa-cooperative.org

Become a study site
Participate in consultations
Share data
Thanks!

Any questions?
You can find me at:
kamrann@stanford.edu


Schimmer, Ralf, Kai Karin Geschuhn and Andreas Vogler, “Disrupting the subscription journals’ business model for the necessary large-scale transformation to open access.” Max Planck Institute Library, Munich, 2015.

Credits and Thanks

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