arXiv Member Advisory Board Annual Meeting

Oya Y. Rieger Associate University Librarian arXiv Program Director

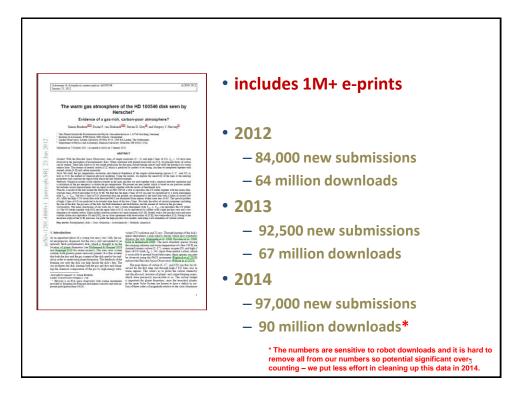
September 2015

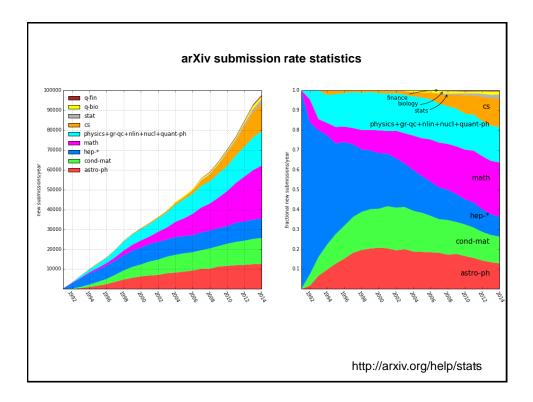


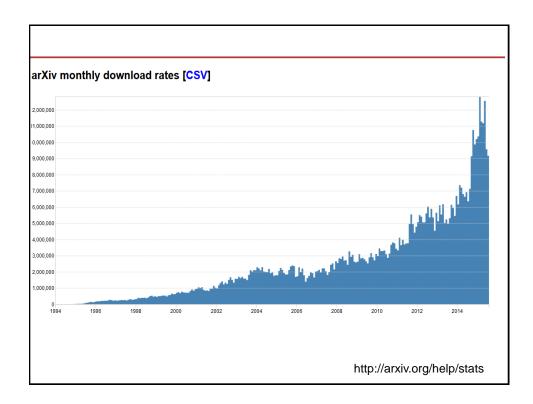
Meeting Goals
Introductions and arXiv Overview
Beyond 2013-2017 Business Plan

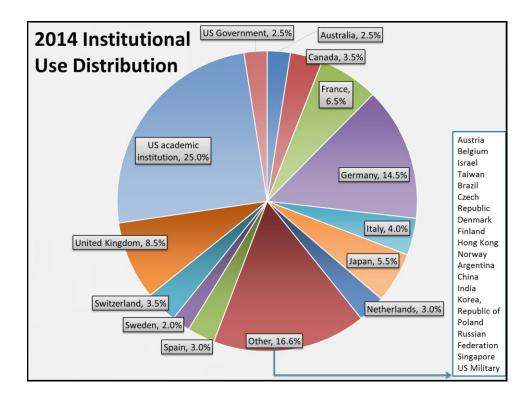
Planning for next business cycle
Assessment of the current governance and business model (group discussion)
Executive session (without Cornell team)

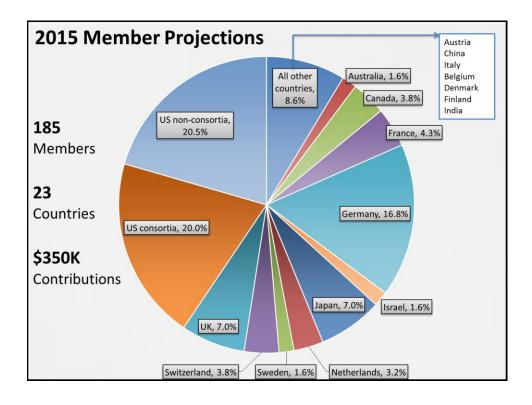
arXiv and Trends in Repositories, Publishing, and User Behavior
arXiv Special Projects: Review of Special Projects and Additional Funding Needs & Sources

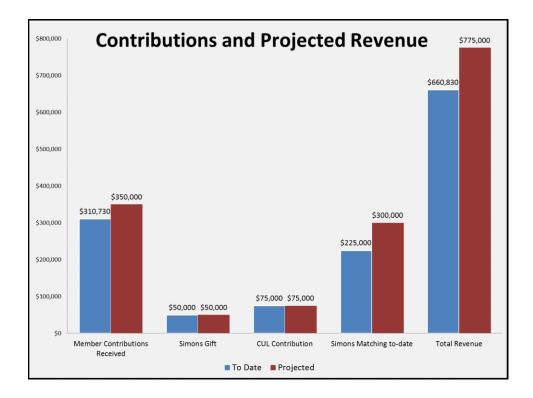






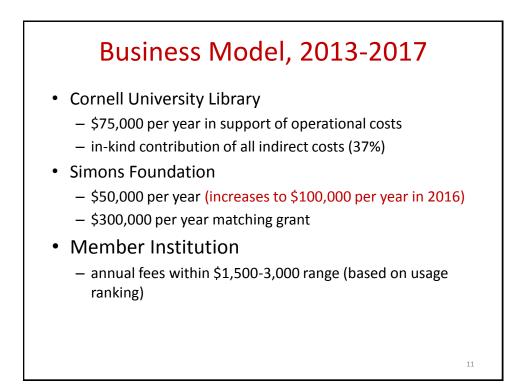




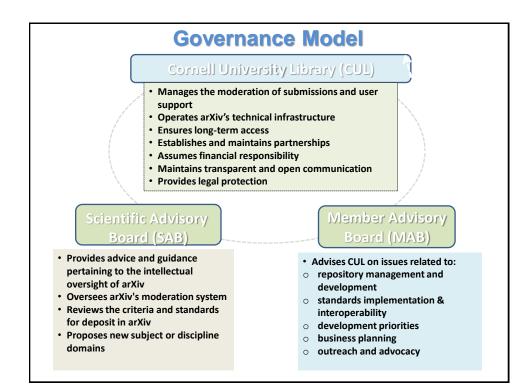


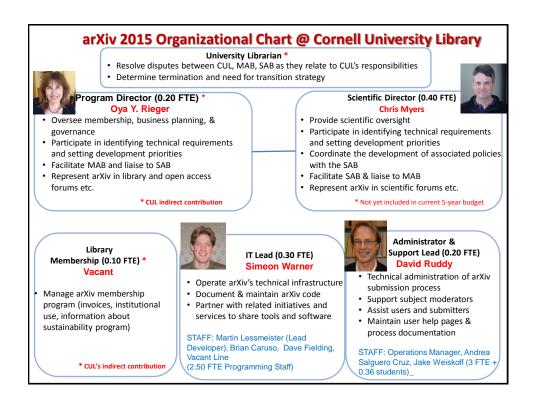
			nd Cornell University Libra
arXiv.org > help		Search or Article-id	(Help Advanced sear All papers - G
Help Table of Contents	Search arXiv Help		
arXiv Business Su	pport and Governance	Model	
that reduced arXiv's financial burden at resource. CUL identified institutions we governance model based on voluntary	rary (CUL) undertook a three-year planning effo d dependence on a single institution and transit indvide where the use of arXiv was most active institutional contributions. A formal long-term pla voridwide that represent arXiv's heaviest users, in	tioned it to a collaboratively governed, com and worked collaboratively with them to de an took effect in January 2013. In this new r	nunity-supported velop a membership and nodel, arXiv is supporte
Please see the resources below for de	tails about the arXiv support and governance mo	del	
General Information			
arXiv Membership Program - FA	٩		
 Principles Organizational Structure 			
Additional Information			
arXiv Governance and Busines	s Model		
Principles			
 Scientific Advisory Board Member Advisory Board 			
Business Model			
 For annual budgets, see Addition 	nal Information		
arXiv Supporters and Users			
 arXiv Five-Year Member Pledges arXiv Planning Phase Supporter 			

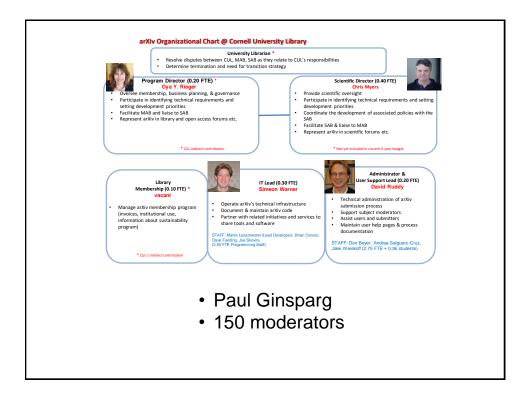
			••
arXiv Sustainal	bility Initiative		
Created by Oya Yildirim Rieger, las	st modified by Desiree C Alexander about 2 hours ago		
Se	arch		
Questions? Check out arXiv's	s sustainability initiative FAQ or email us at support	@arxiv.org	
	Governance & Business Model	arXiv Members	
	Principles and Business Model arXiv Organizational Structure MABI Bylaws SAB Bylaws arXiv budget (2014) arXiv budget (2015)	arXiv Member Institutions arXiv Institutional Statistics (2014) arXiv MAB Work Space	
	Join the mailing list to rec	eive annual support updates!	
	arXiv-support-upda Leave the su	eive annual support updates! tes-I-request@cornell.edu biject line blank message: join	
 arXiv Supporters: 2010. arXiv Institutional Usage. arXiv Support Updates: July 2010, December 2 arXiv Budget: CY 2010 Budget CY 20 arXiv Reserve Policy Roadmaps: 2013, 2014. arXiv Sustainability Adv. Interim Member Adviso 	ArXiv-support-upda Leave the su Body of the kground Information (2010-current) , 2011, 2012 (business planning years prior to the 5 e Statistics: 2009, 2010, 2011, 2012, 2013 010, April 2011, July 2011, October 2011, January : 011 Budget CY 2012 Budget CY 2013 Budget CY 2 , 2015 isony Group (November 2010-April 2012)	tes-I-request@cornell.edu bject line blank message: join -year membership model) 2012, January 2014, January 2015	

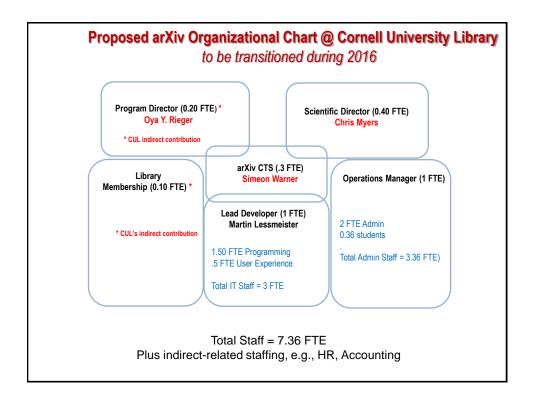


Description	2013	2014	2015	2016	2017
vense ²					
Staff	220 405	226 400	211.000	205 452	205 50
User support (staff)	228,405	236,400	244,680	295,453	305,79
User support (student)	8,581	8,500	9,192	9,514	9,842
Programming & system maintenance	238,669	164,685	170,453	176,415	182,588
Management & administration	61,835	64,000	66,240	68,558	70,958
Subtotal Staff Costs	537,490	473,585	490,565	549,939	569,182
Other Direct Costs					
Server costs ³	41,700	43,160	44,670	46,235	47,855
Network bandwidth & telephony	1,550	1,605	1,660	1,720	1,720
Staff computers, software & supplies	1,865	1,930	2,000	2,070	2,140
Preservation services	-	-	-	-	
Staff travel	8,280	8,570	8,870	9,180	9,500
Advisory group travel support	20,700	21,425	22,175	22,950	23,75
Consulting for business/governance					
Subtotal Other Direct Costs	74,095	76,690	79,375	82,155	84,97
Total Direct Costs	611,585	550,275	569,940	632,094	654,152
direct Costs					
Facilities ⁴	67,274	60,530	62,693	69,530	71,95
Department administration & staff support ⁵	159,012	143,072	148,184	164,344	170,08
Subtotal Indirect Costs	226,286	203,602	210,878	233,875	242,03





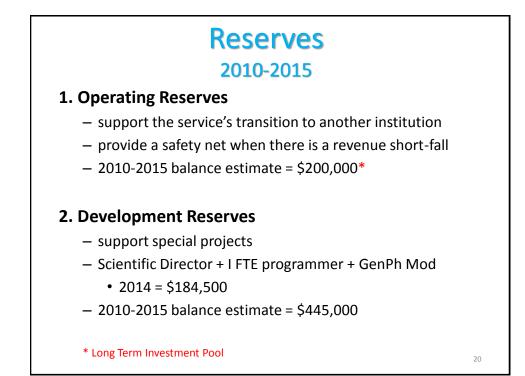


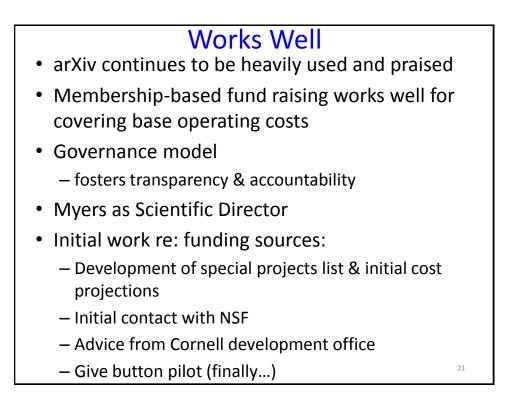


arXiv CY2015 MI	DYEAR BUDGET				Projected Budget	Midpoint (August)
EVENUE						
	Member contributions				\$340,000	\$350,00
	Simons Foundation An	nual Commitment			\$50,000	\$50,00
	Simons Foundation Ma	tching Fund			\$300,000	\$300,00
	Cornell University Libra	ary (Direct)			\$75,000	\$75,00
	TOTAL REVENUE				\$765,000	\$775,00
EXPENSES						
	Personnel (including be	enefits)				
		User support	2.5 FTE + 0.50FTE stud	ent		
		Programming and system maintenance	2.5 FTE			
		Scientific Director	.40 FTE			
		Management	0.52 FTE			
		Gen-ph moderator	Contract			
				Subtotal Personnel ¹	\$653,000	\$552,52
	Non-Personnel					
		Servers (physical & virtual), hardware ma	aintenance, storage and	backup	\$36,000	\$44,00
		Network bandwidth and communication				\$60
		Staff computers, software, supplies and	misc. expenses		\$3,000	\$3,00
		Advisory Board meetings (SAB and MAB)	and staff conference tra	avel	\$40,000	\$40,00
				Subtotal Non-Personnel ²	\$87,706	\$87,60
	TOTAL DIRECT EXPENS	ES			\$740,706	\$640,12
	Indirect and Volunteer	Costs				
		College and department administration,	staff support (26% of dire	ct costs) ³	\$192,584	\$171,17
		Facilities (11% of direct costs) ⁴			\$81,478	\$72,42
		arXiv moderation (130+ moderators, var	ying time commitments)	not tracked	not tracke
				Subtotal Indirect Costs	\$274,061	\$243,59
	TOTAL EXPENSES (dire	ct + indirect)			\$1,014,767	\$883,72
	PROJECTED NET CHAN	GES IN RESERVES (revenue less direct ex	penses) ⁵		\$24,294	\$134,87
RESERVES						
	Operating Reserves					\$200,00
	Development Reserves					\$445.00

REVENUE					Projected Budget	
	Member contributions				\$350,000	
	Simons Foundation Annual	Commitment			\$100,000	
	Simons Foundation Matchi	ng Fund			\$300,000	
	Cornell University Library (Direct)			\$75,000	
	TOTAL REVENUE				\$825,000	
EXPENSES						
	Personnel (including benef	its)			Salary/Benefits	
		User Support & Managemen	3 FTE + 0.50FTE student			
		Programming and UX	3 FTE			
		Scientific Director	.40 FTE			
		IT Strategy/Management	.30 FTE			
		Gen-ph Moderator	Contract			
				Subtotal Personnel	\$664,000	
			Funded by De	Funded by Development Reserve		
			Main B	udget Commitment	\$464,000	
	Non-Personnel					
		Servers (physical & virtual),	hardware maintenance, s	\$44,000		
		Network bandwidth and con	nmunication		\$1,000	
		Staff computers, software, s	upplies and misc. expense	es	\$3,000	
		Advisory Board meetings (SA	AB and MAB) and staff co	nference travel	\$40,000	
			Subt	otal Non-Personnel	\$88,000	
	TOTAL DIRECT EXPENSES	not including 37% indirect			\$752,000	
RESERVES					\$, 52,000	
	Operating Reserves				\$250,000	
	Development Reserves				\$530,000	
Doos not in	clude 37% indirect costs.					

Description	2010	2011	2012	2013	2014	2015	2016
Projected Costs	\$312,000	\$435,000	\$509,000	\$503,000	\$505,000	\$456,000	\$552,000
Additional Costs	-	-	-	-	\$138,028	\$184,000	\$200,000
Total Direct Costs	\$312,000	\$435,000	\$509,000	\$503,000	\$643,000	\$640,000	\$752,000
Revenue	\$383,000	\$470,000	\$511,000	\$770,000	\$775,000	\$775,000	\$825,000
Operating Reserves				\$100,000	\$150,000	\$200,000	\$250,000
Development Reserves				\$277,000	\$360,000	\$445,000	\$468,000
Additional costs for 0.4 FI	F Scientific D	irector, 1 FTF	Programmer.	and Gen-Phy	Mod		
Additional Costs for 0.4 Fi	I E Scientific L	irector, I FIE	Programmer,	and Gen-Phy	MOG		





Needs Improvement

- Communication
 - IT development process and priorities
 - setting/managing expectations
- Authority further clarification of Paul G.'s embedded role
- Supporting maintenance & simultaneous development
- IT infrastructure

 scaling to new demands and modern tools
- Fractured nature of org model
- Plans beyond 2017 CUL's role?

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Beyond 2013-2017 Business Plan: Planning for Next Business Cycle

- What are the strengths of the current arXiv governance and membership model? What is working well?
- What are the areas for improvement? How should the Cornell team strengthen the operation from technical, policy, user support, fund raising, and communication perspectives?
- Do you find your role as an MAB member fulfilling? Has Cornell set the right expectations? What are the other ways MAB could be involved in advising the Cornell team?
- Any other input/suggestions you may want to relay. 24

Service	Budget	FTE	Funding	Organization
ADS	\$2.15 million	10 FTE (includes 3.5 FTE IT staff)	NASA	Smithsonian Astrophysical Observatory
Inspire	not available	10 FTE (excludes IT team & project leads)	SLAC, FNAL, CERN, DESY, IHEP-Beijing	SLAC, Fermilab, CERN, DESY, IHEP-Beijing
Euclid	\$1 million	6.5 FTE (includes 1 FTE programmer)	Revenues	CUL & Duke University Press
arXiv	\$1 million	6.7 FTE (includes 1 FTE programmer)	CUL, Simons Foundation, Members	CUL
	* Budg	jets include direct and	d indirect costs	

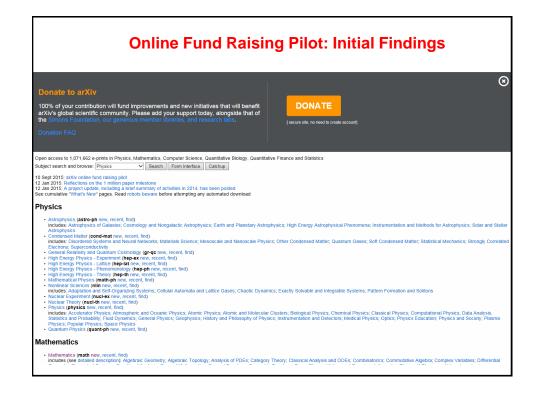


Give Pilot as Fund Raising Strategy

from 2014 MAB meeting minutes

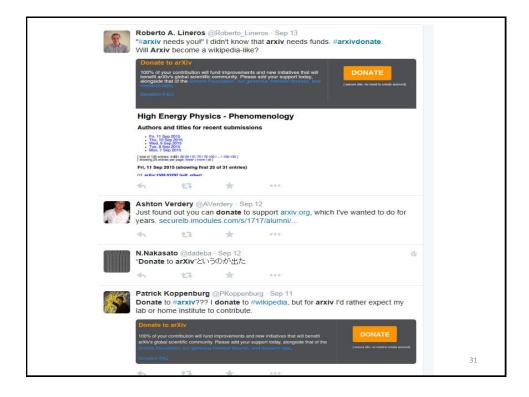
- Give button interface will need to be thoughtfully designed so that it is not lost on arXiv's current text-heavy interface.
- Give button should only reside as an option on the search interface, and not on the submission or moderation pages
- How do we define success, and balance our benchmark to any impact that a give button may have on arXiv's reputation and goodwill?
- Revenue from the give-button is not a reliable source of income, and therefore if the give button is present on arXiv it will be tied special project.
- The give button is also a promotional opportunity to remind users of the contributions already provided by their institutions. Using it in this way will also demonstrate that arXiv is not in financial trouble.
- We will acknowledge the contributors. Recommendations were for an alphabetical list or for something like "circles" of contributors who donated specific amounts, but no logos, links, or special branding.

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Find out if your company will match your gift.	3
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	\$7 \$5	1 22			mu	Suay /2 udy lo De	30



From: Christian Kurtsiefer <phyck@nus.edu.sg> Sent: Thursday, September 17, 2015 10:37 PM</phyck@nus.edu.sg>	
To: support@arxiv.org Subject: arXiv usage by National University of Singapore	
Hello,	
I am Christian Kurtsiefer, faculty member in the physics department at the National University of Singa came across your donation drive to have a sustainable operation of the arxiv.	pore, and
Let me firs thank you for providing this absolutely outstanding service to the community, I think it make difference on the way we all can work and exchange information.	s a huge
A short look on the member/donor list revealed that my institution seems not really contributing to the of I am not in a position to make a commitment by myself, I am happy to lobby for this, because it is an et tool. For this, would you be able to give us an indication in which usage ranking we fall according to you statistics, and what an adequate contribution from our side would be?	ssential
I see two options, one would be from the University as a whole, and the other one for our institute, the Quantum Technologies, where we for sure use the arxiv extensively.	Centre for
We probably send all the requests to you via a proxy server with a 137.132.x.x IP address if this helps the usage.	to identify
Thanks, and Best Regards,	
Christian 	
Christian Kurtsiefer Tel: +65-6516-1250 Centre for Quantum Technologies / Physics Dept. Fax: +65-6516-6897	
National University of Singapore	32

------ Forwarded Message ------Subject: Fwd: About journals Date: Wed, 16 Sep 2015 12:20:44 -0400 From: Aleksandar Donev <<u>donev@courant.nyu.edu</u>> To: Carol Hutchins <<u>carol.hutchins@nyu.edu</u>>

Sounds like a good idea...I just donated money to ArXiv.

------ Forwarded Message ------Subject: About journals Date: Mon, 14 Sep 2015 14:35:08 -0400 From: Floren <<u>fbalboa@courant.nyu.edu</u>> To: Aleksandar Donev <<u>donev@courant.nyu.edu</u>>

Ah! Something interesting is happening on the scientific journal universe. Some people are creating journals with a standard review process, ISSN and all those things but using arXiv to host the final version of the papers. Their idea is to create open access journals that everybody can read but without fees for the authors (or at least extremely low \sim \$10). As far as I know there are no journal like that in our field but it is nice to see thing are moving in the science community to make it more open.

https://gowers.wordpress.com/2015/09/10/discrete-analysis-an-arxiv-overlay-journal/

Floren

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