

Open Access and the University Press – a UCL Case Study

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Content

- ❑ **UCL**
 - ❑ The context
- ❑ **The Library as Leader**
 - ❑ Policy and advocacy
- ❑ **The Library and Open Access Publications**
 - ❑ Green OA
 - ❑ Gold OA
- ❑ **The Library as Publisher**
 - ❑ UCL Press
- ❑ **Conclusions**



Plaster Relief by John Flaxman,
Flaxman Gallery, UCL

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UCL Research

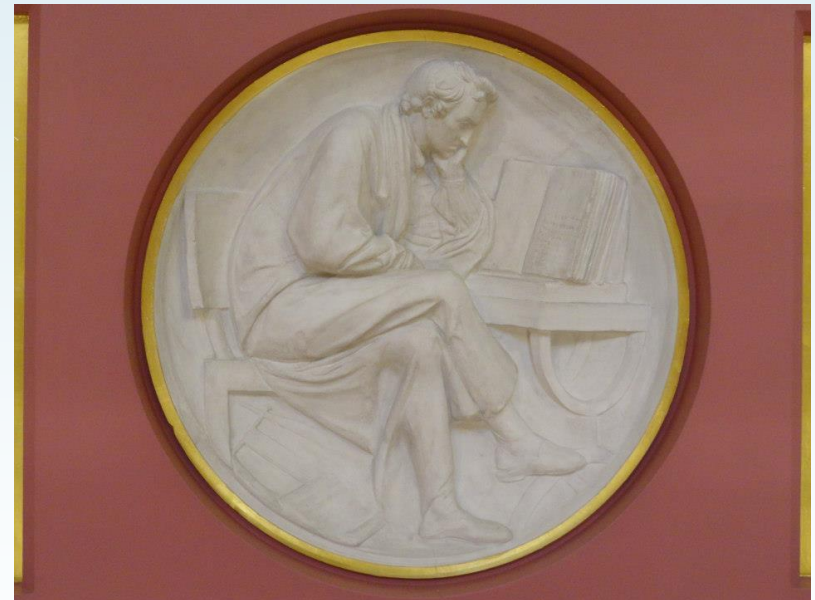
- ❑ UCL is the top-rated university in the UK for research strength
- ❑ Total external grant income in 2014-15 £409 million, placing UCL 2nd in the UK behind Oxford
- ❑ Total research income (2014-15) from UK research councils was £148.3 million, placing UCL 1st in UK rankings
- ❑ According to Thomson Reuters Incites, UCL produced 1,567 Highly Cited papers between 2010 and 2015, 11th among global universities
- ❑ All of UCL's research, subject to permissions, can be placed in [UCL Discovery](#) – UCL's online repository, available to everyone.



Justinian's 'Pandects'. A parchment fragment from the 14th century, consisting of one double folio leaf. UCL Library Services

Content

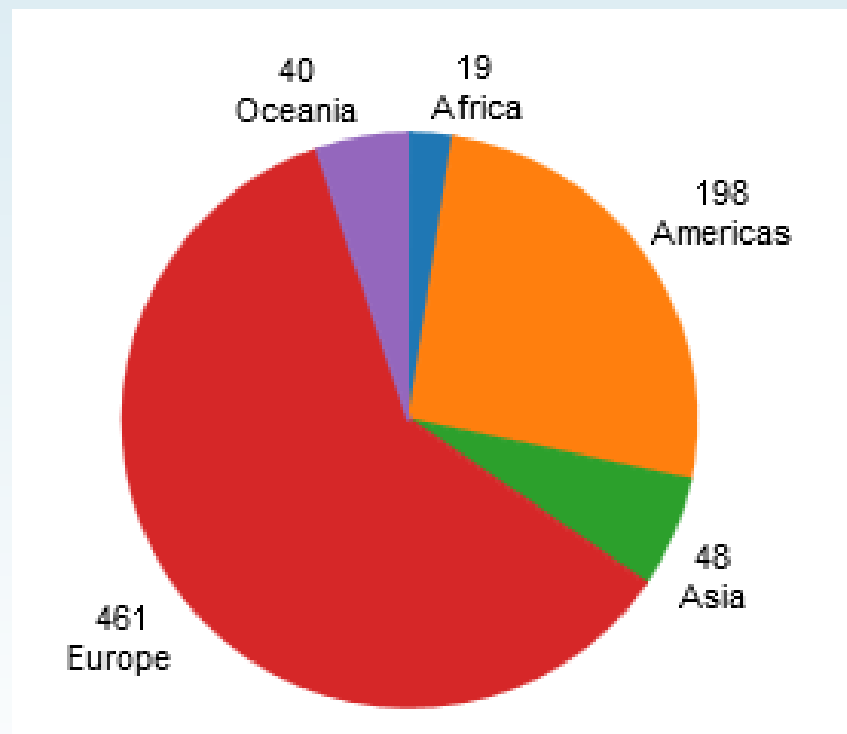
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The Library as Leader

- Europe has nearly two thirds of all mandatory OA policies
- Where to start?
- [LERU](#) (League of European Research Universities) gives libraries a leadership role in OA



[OA policies](#)
[PASTEUR4OA](#)



LERU Roadmap

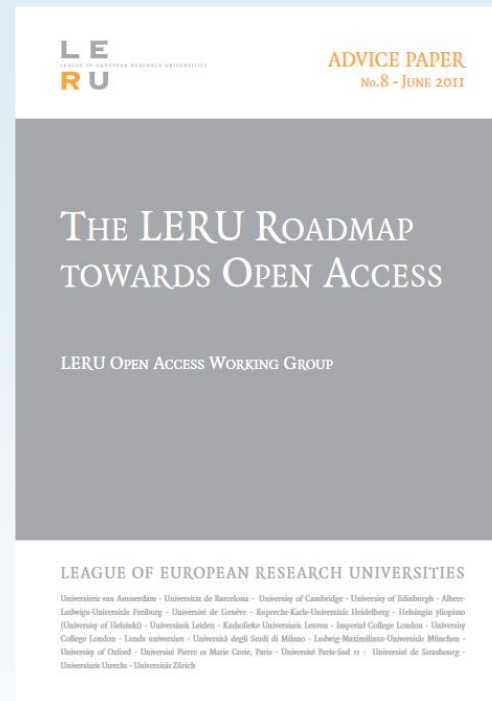


Issues highlighted by LERU

- Costs
- Models
- Rights and rewards
- Technologies

Pasteur4OA

- 56 [advocacy](#) sources
- 17 [Case Studies](#)
- 28 [Briefing Papers](#)
- 6 papers on [policy guidance](#)

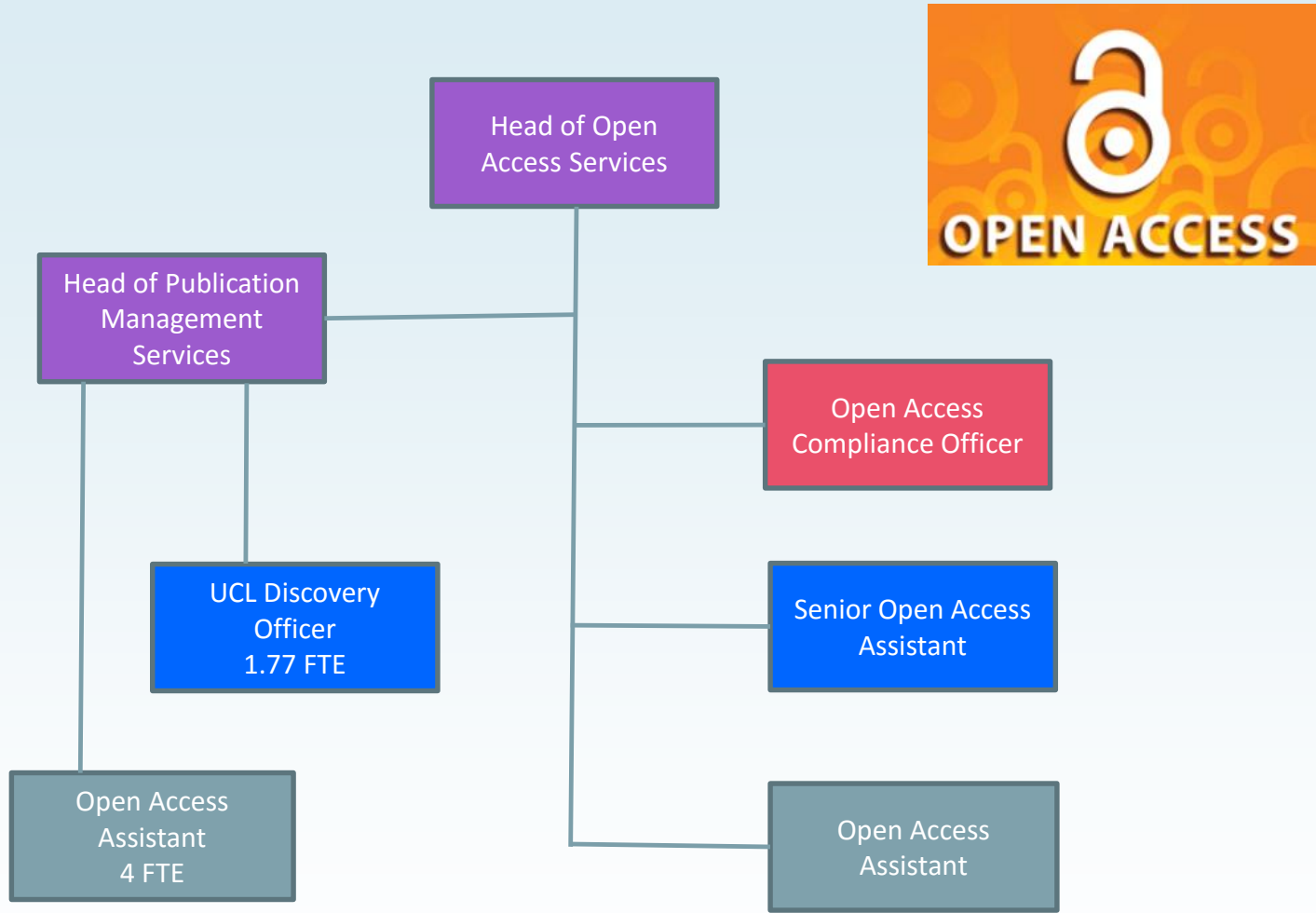


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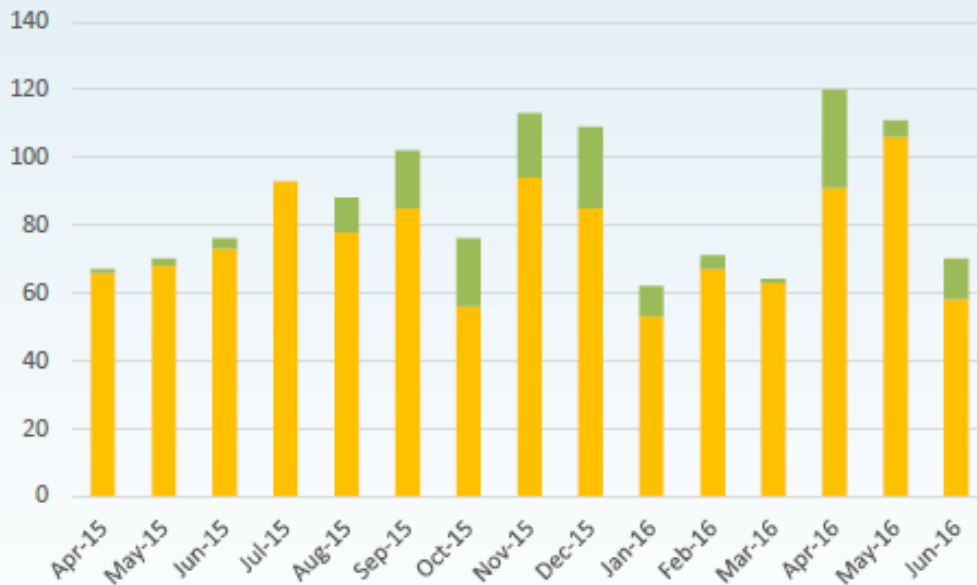


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RCUK Compliance

- Year 4 target, April 16 – March 17: 1090 OA papers
- Performance at end June 2016: 423 papers (39% of target)



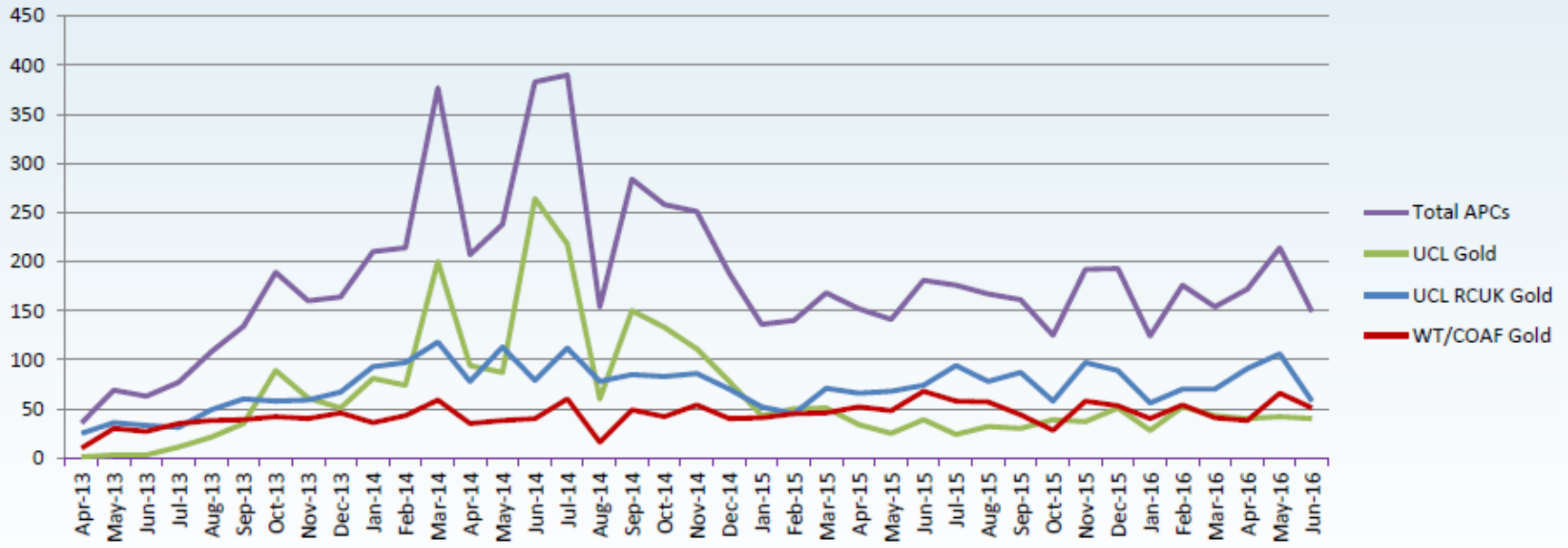
All APCs

7,072 APCs paid since April 2013

RCUK: 2,840

COAF/WT: 1,707

UCL Gold: 2,525



How much does it cost?

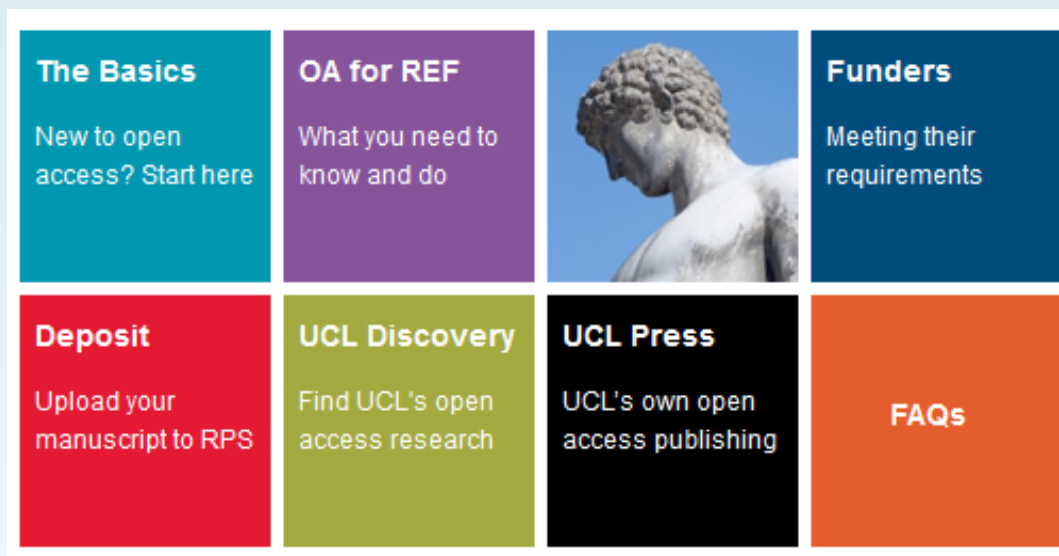
- ❑ Research Council grants covered in separate budgets
- ❑ Individual APCs account for 11% of budget
- ❑ Pre-payments and memberships (for discounted APCs) account for 69%

Budget: August 2015-July 2016	UCL Open Access	Date: 29 June 2016
	Budget	Expended
Award	£1,303,812	
APCs		£146,673
Pre-payments & Memberships		£898,924
Publicity		£2,386
Other		£260,804
Total expended / committed	£1,308,788	
UCL OA Free balance	-£4,976	
% expended / committed	100%	

REF 2020



- ❑ Journal articles and conference proceedings accepted from **1 April 2016**
- ❑ [Upload](#) your paper at once. Outputs not uploaded within 3 months of publication cannot be submitted to the REF; soon to be within 3 months of acceptance



- ❑ The version to upload is the [final accepted manuscript](#)
- ❑ The [Open Access Team](#) will make your paper open access through [UCL Discovery](#) according to the publisher's copyright permissions (usually after an embargo period)

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Language	en
Author(s)	Eigenbrod, Alexander

Astrophysical Applications of Gravitationally Lensed Quasars: from Dark Matter Halos to the Structure of Quasar Accretion Disks

THÈSE N° 4235 (2008)

PRÉSENTÉE LE 16 DÉCEMBRE 2008
À LA FACULTÉ SCIENCES DE BASE
LABORATOIRE D'ASTROPHYSIQUE
PROGRAMME DOCTORAL EN PHYSIQUE

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

<http://www.dart-europe.eu>

INFOSCIENCE

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LE PORTAL D'INFORMATION SCIENTIFIQUE

Français | English

EPFL > infoscience > Astrophysical applications of gravitationally lensed quasars

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Astrophysical applications of gravitationally lensed quasars: from dark matter halos to the structure of quasar accretion disks

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Ph.D. Thesis

Lausanne : EPFL, 2008.

Gravitational lensing describes how light is deflected as it passes in the vicinity of a mass distribution. The amplitude of the deflection is proportional to the mass of the deflector, called "gravitational lens", and is generally weak, even for large masses. The faintness of this phenomenon explains why gravitational lensing remained essentially unobserved until the late 1970s (only gravitational lensing by the Sun has been observed during the solar eclipse of 1919). Before that time, gravitational lensing was considered merely as a theoretical curiosity. However, the situation dramatically changed with the discovery of the first extragalactic gravitational lens in 1979. Since then, together with the technological progress of astronomical instruments, gravitational lensing has turned from a curiosity into a powerful tool to address important astrophysical and cosmological questions. The present thesis focuses on applications related to gravitationally lensed quasars. Quasars are active galactic nuclei, where matter is heated up as it spirals down onto the central supermassive black hole. When a galaxy is located on the line of sight to a distant quasar, it acts as a gravitational lens and produces multiple images of this background source. The light of the quasar follows different paths for each of its images. Thus, variations of the intrinsic quasar luminosity are observed at different times in each image. The time delays between the images can be used to determine the Hubble constant H_0 , because they are inversely proportional to H_0 . This constant describes the current expansion rate of the Universe, and is one of the fundamental parameters of cosmological models. Many efforts have been spent over the years to determine H_0 , but its value is still poorly constrained. Gravitational lensing has the potential to noticeably decrease the uncertainty of H_0 . In practice, this requires regular and long-term monitoring of lensed quasars. We have run a series of numerical simulations to both optimize the available telescope time, and measure the time delays with an accuracy of a few percent. The results of these simulations are presented in the form of compact plots to be used to optimize the observational strategy of present and future monitoring programs. Once the time delays are measured, one can infer estimates of H_0 , provided several other observational constraints are available. A key element to accurately convert time delays into H_0 is the redshift of the lensing galaxy. These redshift

DART-Europe: Hungarian research theses



- ❑ [DART-Europe](#): 701,121 research theses
 - ❑ 595 Universities
 - ❑ 28 European countries
- ❑ [All](#) (12782)
- ❑ [Andrássy Gyula Budapesti Német Nyelvű Egyetem](#) (8)
- ❑ [Corvinus University of Budapest](#) (880)
- ❑ [ELTE University](#) (175)
- ❑ [Jewish Theological Seminary - University of Jewish Studies](#) (21)
- ❑ [Kaposvári Egyetem](#) (30)
- ❑ [Liszt Ferenc Zeneművészeti Egyetem](#) (48)
- ❑ [Pázmány Péter Katolikus Egyetem](#) (129)
- ❑ [Semmlweis University](#) (288)
- ❑ [Széchenyi István University](#) (104)
- ❑ [Szent István University](#) (5731)
- ❑ [Testnevelési Egyetem](#) (12)
- ❑ [University of Debrecen](#) (2323)
- ❑ [University of Miskolc](#) (511)
- ❑ [University of Pécs](#) (756)
- ❑ [University of Szeged](#) (1766)

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UCL Discovery

Most-downloaded outputs Q1 2016

1.	How the World Changed Social Media	6,740
2.	Marketing theories and concepts for the international construction industry: a study of their applicability at the global, national and corporate perspectives	3,161
3.	Machine learning for financial market prediction	2,107
4.	Fatigue and fracture mechanics analysis of threaded connections	1,937
5.	Social Media in an English Village	1,883
6.	A study of the design of fluidized bed reactors for biomass gasification	1,878
7.	Why are most buildings rectangular?	1,792
8.	Effective design, configuration, and use of digital CCTV	1,735

2016 UCL Press



2016 UCL Press

1999 Chem Eng thesis

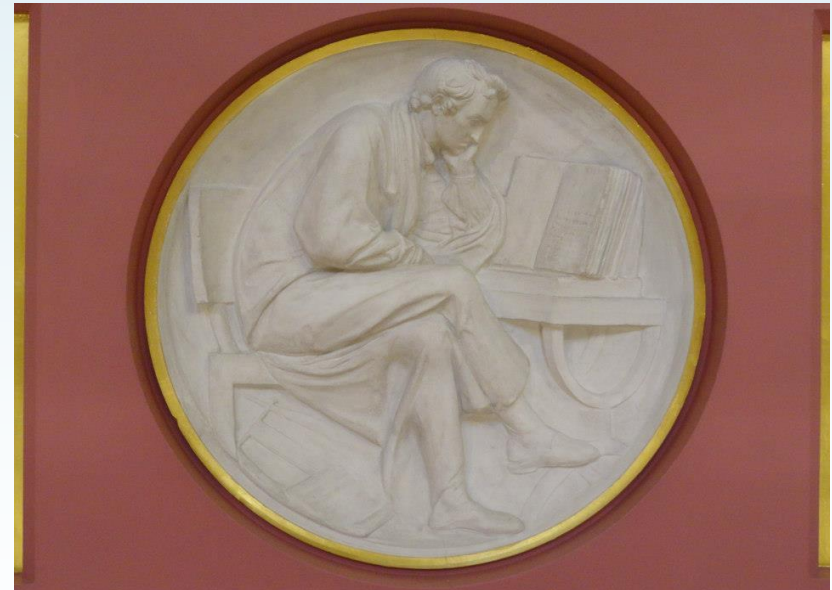
2006 Article

2009 Comp Sci thesis



UCL Library Services Strategy

- ❑ 6 Key Performance Areas
 - ❑ User Experience
 - ❑ Staff, Equality and Diversity
 - ❑ Finance, Management Information, Value for Money
 - ❑ Systems and Processes
 - ❑ Sustainable Estate
 - ❑ Communication, Open Access, Outreach



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UCL Library Services Strategy

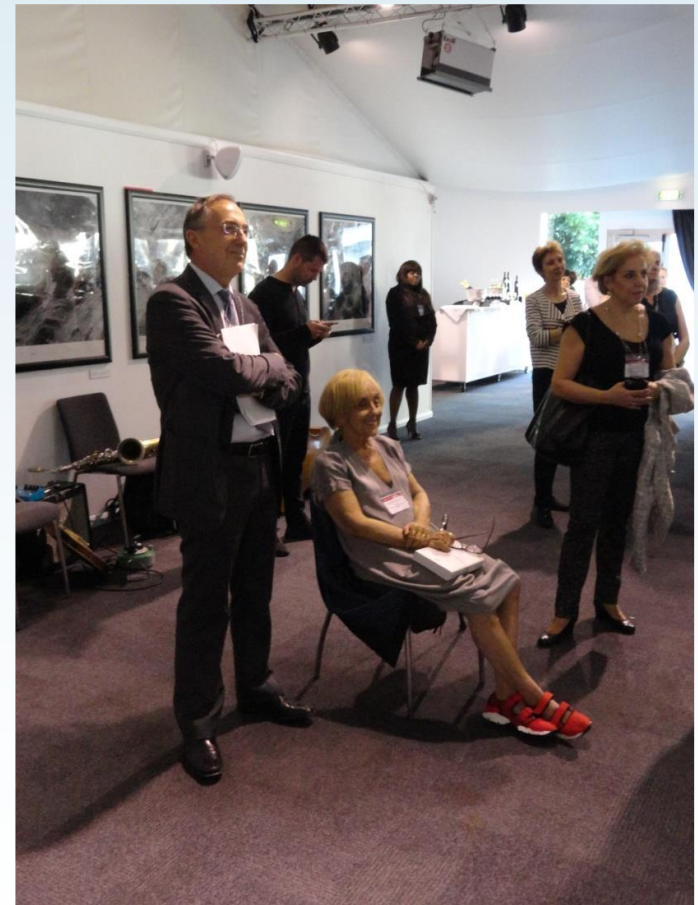
- ❑ 6 Key Performance Areas
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 - ❑ Finance, Management Information, Value for Money
 - ❑ Systems and Processes
 - ❑ Sustainable Estate
 - ❑ Communication, **Open Access**, Outreach



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Launch of UCL Press - 4 June 2015

UK's first fully Open Access University Press



UCL Press



- Most Open Access policies exclude research monographs and textbooks
- [UCL Press](#) is the first fully Open Access University Press in the UK
- Launched in May 2015
- Open Access is seen as an opportunity, not a threat
- Founded following assessment of academic demand in UCL

UCL Publishing model



OA business model

Sales via Print on Demand

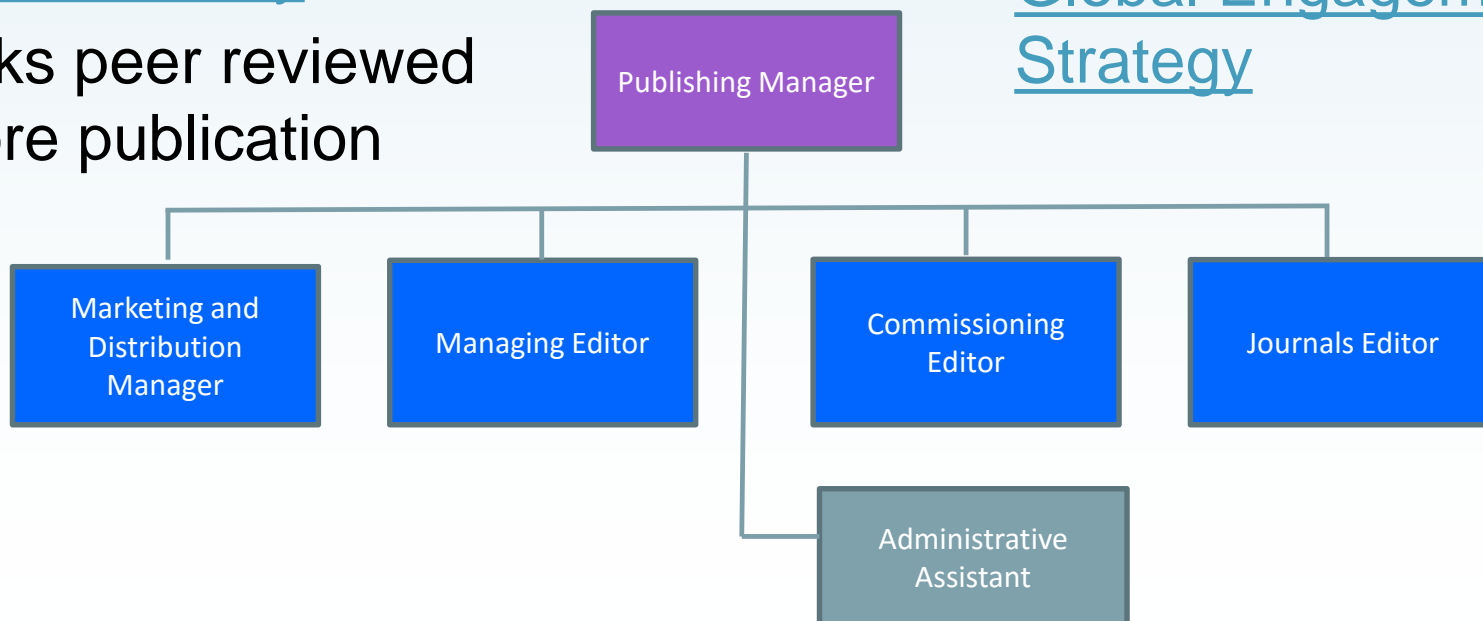
Enhanced digital interface / PDF in [UCL Discovery](#)

Books peer reviewed before publication

Textbook activity

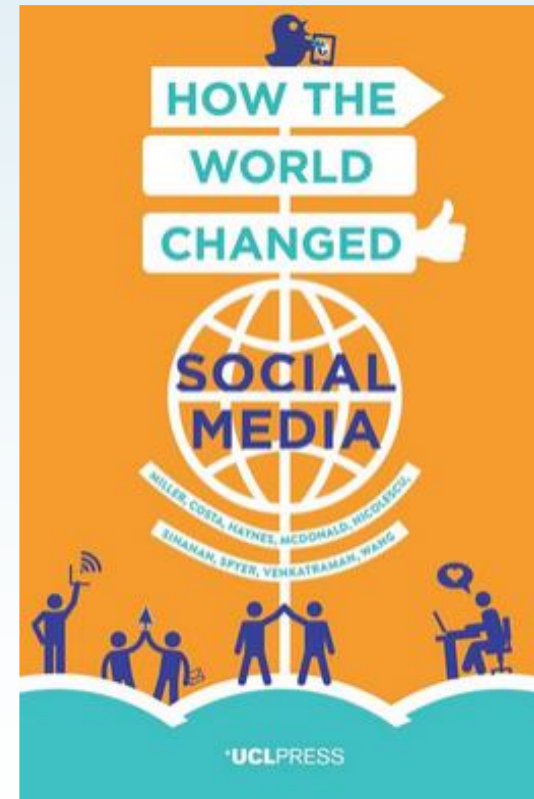
Journal programme

Supports UCL's [Global Engagement Strategy](#)



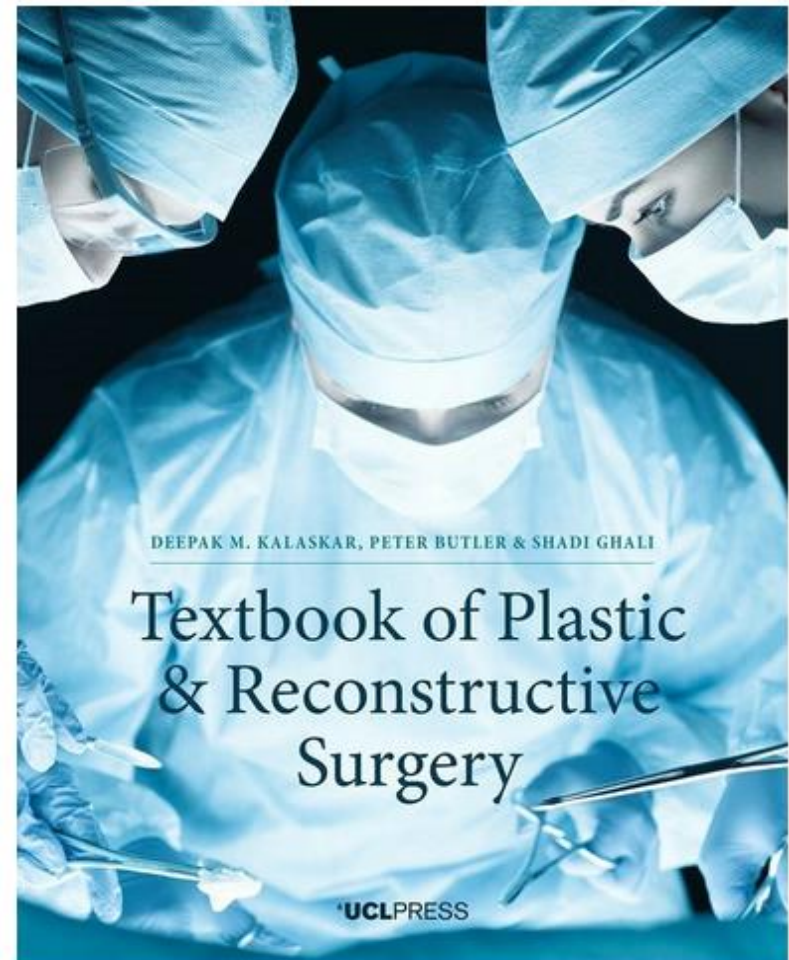
Research Monographs in Year 1 (June 15 – July 16)

- ❑ 13 research monographs published
- ❑ 41,469 downloads from UCL Discovery
- ❑ 19,181 enhanced digital platform page views
- ❑ 2,272 print sales



Textbooks

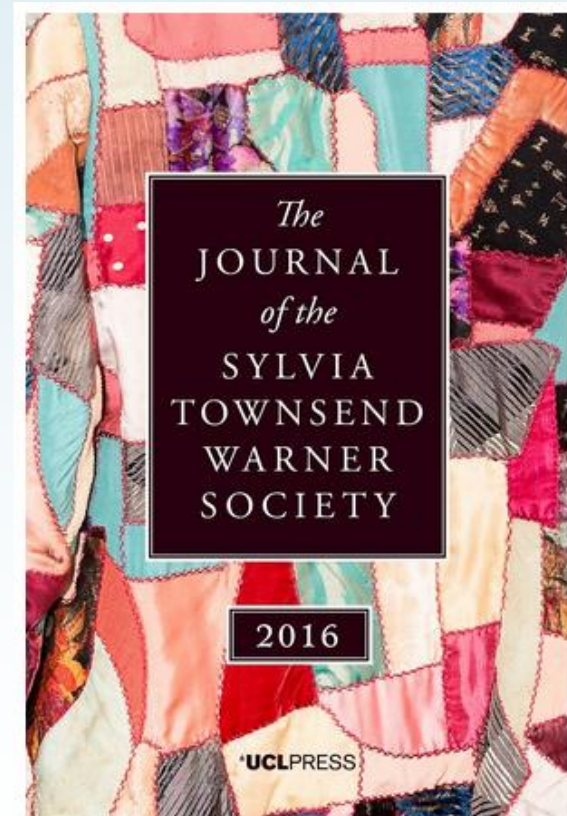
- ❑ Written by Deepak Kalaskar, Peter E M Butler, and Shadi Ghali from The Royal Free Hospital, London. The textbook offers a comprehensive overview of reconstructive plastic surgery for introductory plastic surgery and surgical science courses. June 2016



Journals

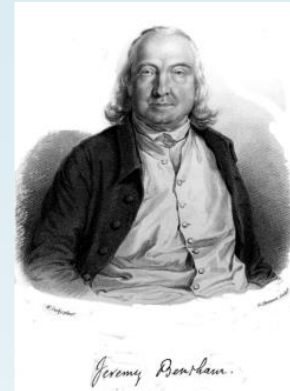
- ❑ 4 [published journals](#)
- ❑ Hosted on Ingenta Platform

- ❑ [Architecture MPS](#)
- ❑ [Jewish Historical Studies](#)
- ❑ [Journal of the Sylvia Townsend Warner Society](#)
- ❑ [The London Journal of Canadian Studies](#)



Hosted Journals

- [Interscript](#)
- [Object](#)
- [Slovo](#)
- [Tropos](#)
- [The Journal of Bentham Studies](#)
- [Think Pieces: A Journal of the Arts, Humanities, and Social Sciences](#)
- [UCL Journal of Law and Jurisprudence](#)



- Overlay journal system
- Content sits in UCL Discovery
- OJS sits on top as overlay
- Library manages repository content
- Editorial control sits with academic Department

Journal of Bentham Studies

Journal

HOME ABOUT

Hedo

M

UCL Bentham Project
Journal of Bentham Studies, Vol. 17 (2015)

Hedonism Before Bentham

OLE MARTIN MOEN

University of Oslo

o.m.moen@ifikk.uio.no

The hedonism, however, is this paper I thought (See (Section 6)

The hedonistic theories of Jeremy Bentham and John Stuart Mill are both widely known. Hedonism before Bentham, however, is much less known and, hitherto, no systematic presentation of hedonism's early history has been written. In this paper I seek to fill this gap in the literature by providing an overview of hedonism in early Indian and ancient Greek thought (Sections 1-4), in Roman and Medieval thought (Section 5), and from the Renaissance until the Enlightenment (Section 6).

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UCL Press Consultancy and Publishing services

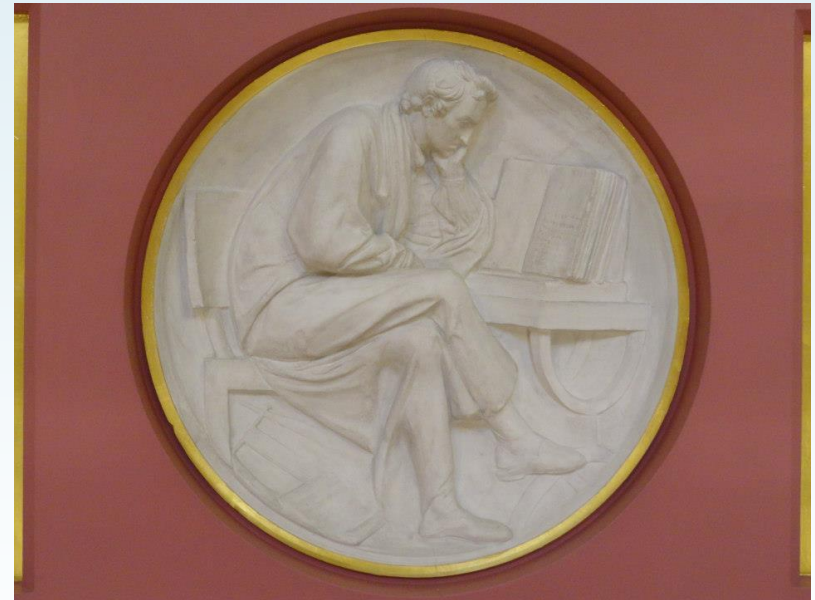


- ❑ Consultancy services to those universities wishing to set up their own OA publishing activity
- ❑ Publishing services for those universities who wish UCL to act as their publisher
 - ❑ UCL undertakes publishing, branded for the commissioning university, & maintenance of files, & marketing
 - ❑ Commissioning university manages book/journal programme and liaison with authors



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Conclusions

- ❑ Open Access is an opportunity, not a problem
- ❑ Library can assert a leadership role in OA
- ❑ Library as publisher
 - ❑ A creator, not simply a conserver or cataloguer of knowledge
- ❑ New role for Library in research, learning and innovation agendas
- ❑ Happy to hear questions

