

# Aspects of Open Access for research libraries: a view from UCL

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Assistant Director, Support Services
UCL Library Services

## **Topics**

- 1. Open Access Theses and DART-Europe
- 2. Open Science and Research Data Management
- 3. Campus-based Open Access Publishing: the UCL Press



## **Topics**

- 1. Open Access Theses and DART-Europe
- 2. Open Science and Research Data Management
- 3. Open Access University Publishing: the UCL Press

## Why Open Access theses?



- Often contain unique, cutting-edge research
- Highlight the work of early-career researchers
- They showcase research for a university; can lead to new collaborations; can help recruit Graduates
- Can be accompanied by interesting new datasets, models, multimedia, etc
- Openness makes plagiarism easier to detect
- Help new researchers become accustomed to OA



#### Impact of OA theses



Top 20 mostdownloaded records in the UCL institutional repository, 2014

11 theses in top 20





#### Global readership

Liu, Q.; (2010) Efficiency analysis of container ports and terminals. Doctoral thesis, UCL (University College London). <a href="http://discovery.ucl.ac.uk/19215">http://discovery.ucl.ac.uk/19215</a>

Downloads by country - last 12 months	
1. Start United Kingdom	782
2. India	588
3. Multed States	575
4. Vietnam	529
5. 🕮 Malaysia	338
6. Indonesia	240
7. Philippines	229
8. Singapore	216
9. 🖼 Australia	192
10. Netherlands	192
11. Germany	180
12. 🔀 South Africa	178
13. 🛮 🕽 Nigeria	173
14. Egypt	169
15. Turkey	168

39,473 downloads since deposit (April 2010)

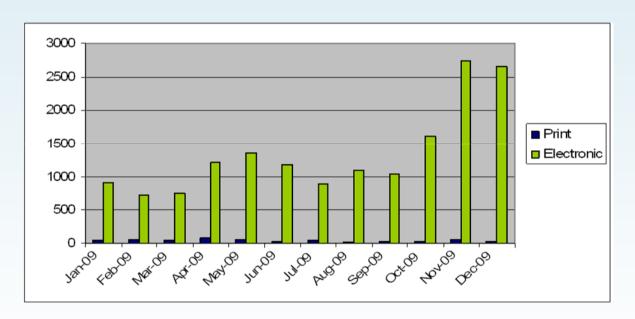
8,352 downloads in last 12 months





## Impact of electronic theses vs print theses

Hill, R.; Moyle, M.; (2010) Investigating the impact of e-theses at DCU. <a href="http://discovery.ucl.ac.uk/19955">http://discovery.ucl.ac.uk/19955</a>

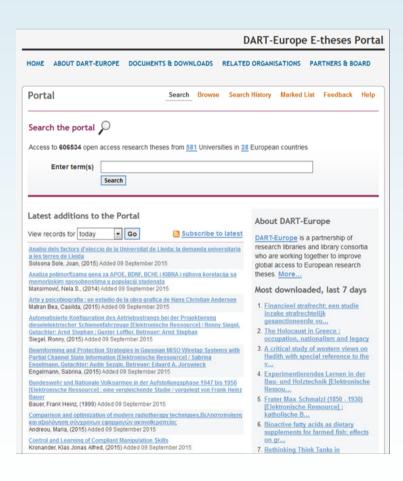


Study of thesis usage at Dublin City University, 2009 calendar year

- 518 print thesis consultations (of entire collection of theses)
- 16,212 electronic thesis downloads (of 179 OA theses)



## The DART-Europe E-theses Portal



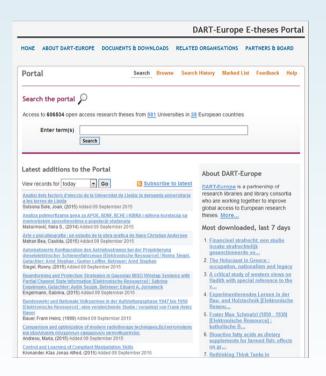
- A discovery service for open access, researchlevel theses
- Run by UCL (unfunded)
- Metadata is harvested from European Universities and aggregators
- All theses OA



#### **DART-Europe Portal: content**

#### At 09 September 2015:

- 606,534 theses
- 581 universities, 28 countries
- Earliest thesis awarded in 1597
- Theses in 47 languages
- Average >200 new theses/day









#### **DART-Europe E-theses Portal**

HOME ABOUT DART-EUROPE DOCUMENTS & DOWNLOADS RELATED ORGANISATIONS PARTNERS & BOARD

Search	Browse	Search Hi	story	Marked List	Feedback	Help
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#### About DART-Europe

#### Most downloaded, last 7 days

- 1. Financieel strafrecht: een studie inzake strafrechtelijk gesanctioneerde vo...
- 2. The Holocaust in Greece: occupation, nationalism and legacy
- 3. A critical study of western views on Hadith with special reference to the v...
- 4. Experimentierendes Lernen in der Bauund Holztechnik [Elektronische Ressou...
- 5. Frater Max Schmalzl (1850 1930) [Flektronische Ressource] ·





#### **DART-Europe E-theses Portal**

HOME ABOUT DART-EUROPE DOCUMENTS & DOWNLOADS RELATED ORGANISATIONS PARTNERS & BOARD

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Displa	aying records 1 - 4 of 4 on page 1	of 1.					
Add t	o marked list						
Mark	Title A		<u>Author</u>	<u>Year</u>	<u>University</u>	Collection	
	A methodology for redirected des superstructures regarding their s Metodologija usmerenog projekto struktura autobusa u pogledu čvr	trength ovanja	Mitić Saša	2012	University of Belgrade	eThesis Serbi	ia
	Assemblies of Polyoxometalates		Veen, S.J.	2009	Utrecht Univers	ity NARCIS	
	Strength and durability of steel to joints for marine application	composite	Boyd, Stephe William	en 2006	University of Southampton	ePrints Soton	1
	Susitraukimo įtaka gelžbetoninių tempiamosios zonos elgsenai Shrinkage Influence on Tension-S Concrete Structures	•	Gribniak, Vik	tor 2009	Vilnius Gedimin Technical University	as LABT	

#### Add to marked list

Displaying records 1 - 4 of 4 on page 1 of 1.

#### Start a new search

Enter terms

Search

#### Refine your search

#### Add terms

- Results <u>must</u> contain
- O Results don't contain

Update

#### Remove terms

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 superstructures

#### By Country:

- Lithuania (1)

- □<u>UK</u> (1)

#### By Year:

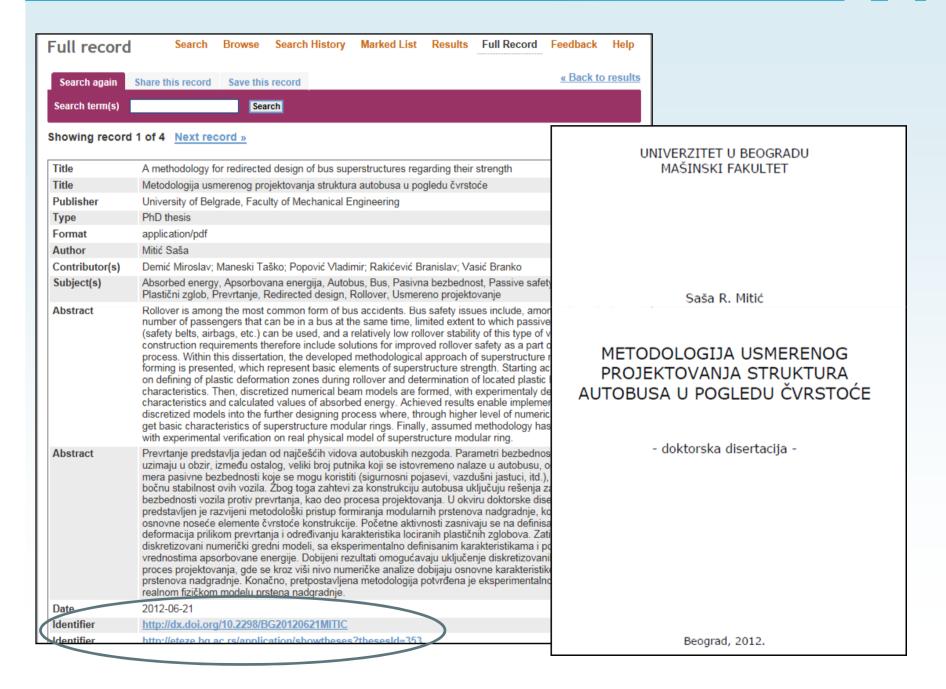
- □ <u>2012</u> (1)
- 2009 (2)
- <u>2006</u> (1)

#### By Author Surname:

- □ <u>A-E</u> (1)
- □ F-J (1)
- □ K-O (1)
- □<u>U-Z</u>(1)

#### By Collection:

- □ ePrints Soton (1)
  □ eThesis Serbia (1)
- LABT (1)



## **DART-Europe: who benefits?**

- Universities and consortia
  - Helps to raise visibility
  - Easy to submit thesis records
- Thesis authors
  - Added exposure for work
- Researchers
  - A single venue for current awareness and discovery
  - Open Access means that all DART theses are accessible in full text



## **LUCL**



Browse List Search Browse Search History Marked List Results Feedback Help

Click on a heading to view related records or select a different index

#### Browsing by Country = Serbia

- ► All (1754)
- ► European University Belgrade (1)
- ► University of Belgrade (1326)
- ► University of Kragujevac (115)
- ▶ University of Niš (22)
- ► University of Novi Sad (289)
- ► University of Priština (Kosovska Mitrovica) (1)

#### Choose another country

- ► Austria (169)
- ► Belgium (3997)
- ► Bulgaria (99)
- ► Croatia (205)
- ► Cyprus (1593)
- ► Czech Republic (643)
- ▶ Denmark (3352)
- ► Estonia (4923)
- ► Finland (9509)
- ► France (59868)
- ▶ Germany (220984)
- Greece (23284)
- ▶ Hungary (6143)
- ▶ Ireland (5539)
- ▶ Italy (25066)
- ► Latvia (2244)
- ► Lithuania (2455)
- ► Netherlands (66697)
- ▶ Norway (4828)
- ▶ Poland (4184)
- ► Portugal (20707)
- ► Serbia (1754)
- ▶ Slovenia (1060)



## DART Portal usage: last 12 months

- 445,523 sessions
- 1,845,312 pageviews
- 191,290 click-throughs to full text
- Most-downloaded (697) -

Vergleichende Untersuchungen zur diagnostischen Relevanz von verschiedenen Immunoassay-Testsystemen zum Nachweis von Anti-dsDNA-Autoantikörpern beim Systemischen Lupus Erythematodes (SLE) des Menschen [Elektronische Ressource] / Waka Wassie Aderajew. 2014.

http://www.dart-europe.eu/full.php?id=996775

#### Sessions by country

1.	■ Iran	84,322
2.	Germany	50,513
3.	France	35,197
4.	United States	22,806
5.	Spain	17,394
6.	United Kingdom	17,249
7.	<b>■</b> Italy	14,815
8.	■ Greece	10,805
9.	Poland	10,415
10.	India	10,157
11.	■ Algeria	9,379
12.	Netherlands	8,718
13.	China	6,906
14.	Hungary	6,381
15.	Morocco	5,675
16.	Serbia	5,444
17.	Portugal	5,158
18.	<b>●</b> Canada	4,735
19.	Lithuania	4,657
20.	Turkey	4,622

## **Next steps**

- Can the Serbian libraries contribute more OA theses to DART-Europe?
- Can the Serbian libraries promote the DART-Europe Portal to their researchers?



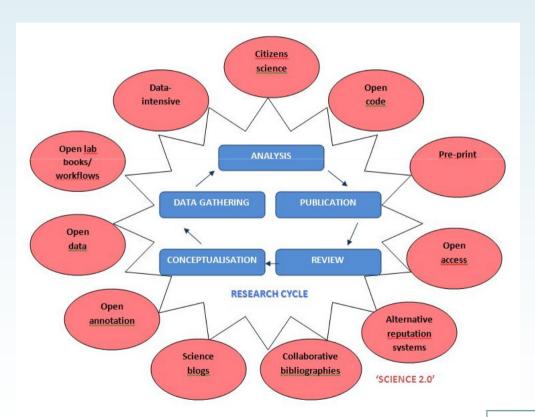
## **Topics**

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- 3. Campus-based Open Access Publishing: the UCL Press



#### **Open Science**

- an ongoing paradigm shift in the modus operandi of research and science impacting the entire scientific process



#### **Drivers**

- Growing researcher numbers
- Technology opportunities
- Society's 'Grand Challenges'
- Digital native researchers
- Increased expectations around integrity and accountability

#### Characteristics

- Increase in scientific production
- · Open research collaborations
- More actors in the process
- Data-intensive science

90% of all the world's data was generated in the last 2 years

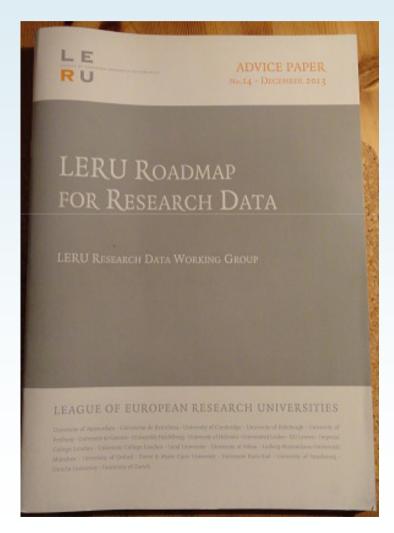
See EC Science 2.0: Science in Transition: http://scienceintransition.eu/



## **LERU Roadmap for Research Data**

 Overseen by Research Data Working Group

Pablo Achard (University of Geneva)
Paul Ayris (UCL, University College London)
Serge Fdida (UPMC, Paris)
Stefan Gradmann (University of Leuven)
Wolfram Horstmann (University of Oxford)
Ignasi Labastida (University of Barcelona)
Liz Lyon (University of Bath)
Katrien Maes (LERU)
Susan Reilly (LIBER)
Anja Smit (University of Utrecht)



## **ªUCL**

#### **Policy and Leadership**

• Identifies how policy development and leadership are undertaken

#### **Advocacy**

• Who undertakes advocacy and what is the message?



#### Selection, Collection, Curation, Description, Citation, Legal Issues

• Technical Issues around collection and curation

#### **Research Data Infrastructure**

• Where is it stored and by whom?

#### Costs

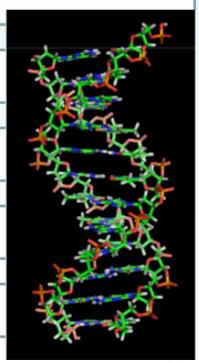
• How much does it cost?

#### Roles, Responsibilities, Skills

· What skills are required by which communities?

#### Recommendations to different stakeholder groups

· Who does what?





## **Key Messages**

- Each LERU university needs a Research Data Management Strategy
- Researchers should have Research Data Management Plans
- LERU universities need to bring stakeholders together
- Benefits of 'open data' for sharing and re-use should be advocated and explored





A Box of Useful Knowledge (Brougham Papers, UCL Library Services)

## **ªUCL**

#### **Open Data**

- Open Data allows research data to be shared and re-used
  - Avoids costly duplication of research activity
  - Provides greater transparency in research activity
  - Potential to speed discovery of solutions to societal Grand
     Challenges, such as health care & environmental science
- Can all research data be open?
- Certain categories probably cannot
  - National security
  - Data protection
  - Commercial Funder requirements



http://en.wikipedia.org/wiki/File:Open Data stickers.jpg





- ☐ LIBER has produced helpful guidance for libraries
  - ☐ 10 Recommendations on how to get started in RDM
    - http://libereurope.eu/blog/2014/07/16/workshop-report-libraries-and-research-data-management/
  - ☐ 11 LIBER RDM Case Studies
    - http://libereurope.eu/committee/scholarly-research/

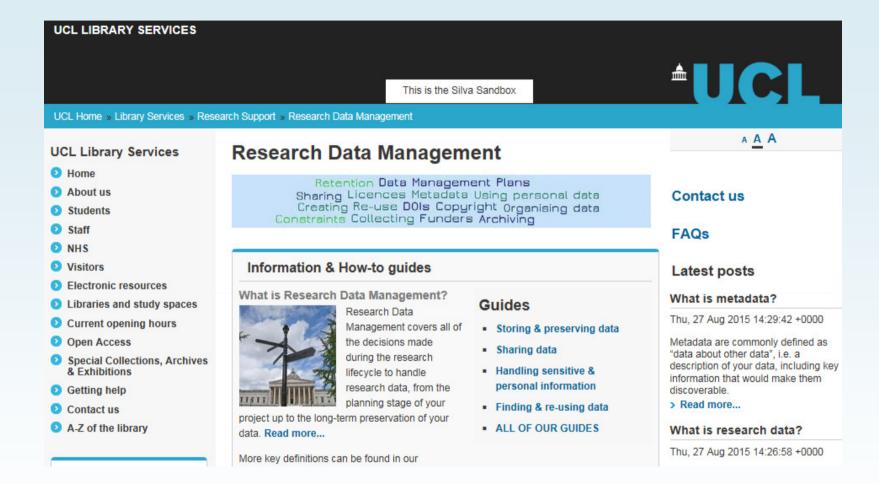


## **UCL's performance** against LIBER targets



LIBER target	
1. Offer RDM support	6. Provide services for storage, discovery and permanent access
2. Engage in metadata services	7. Apply persistent identifiers to research data
3. Engage in professional skills development	8. Provide an institutional data catalogue
4. Engage in policy development	9. Engage in subject-specific data management
5. Create partnerships for interoperable infrastructures	10. Offer storage solutions





UCL Research Data Support Officer appointed April 2015



#### **LEARN – LEaders Activating Research Networks**

#### **Purpose**

- to develop the <u>LERU Roadmap</u> for Research Data to build a global co-ordinated global e-infrastructure Horizon 2020

Call: H2020-INFRASUPP-2014-2

Topic: INFRASUPP-7-2014

Type of action: CSA

#### **Partners**

UCL (lead partner)
University of Barcelona
University of Vienna
LIBER
ECLAC – UN Commission for Latin
America and the Caribbean

#### **Outputs**

- Model Research Data Management policy
- Toolkit to support implementation
- Executive Briefing in five core languages so as to ensure wide outreach

#### **Dates**

June 2015 – June 2017

## **Topics**

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## Institutional OA publishing - drivers

- Publishing technology is increasingly accessible
- Issues with current models
  - rising costs of monographs
  - harder for early-career researchers to publish
  - publisher resistance to site licensing for text books
- OA currently has more traction in STEM subjects than in monograph-based disciplines
- Global impact of OA for a University is demonstrable





## **UCL Discovery downloads**

Jan 2010-July 2015

	Q1	Q2	Q3	Q4	Total
2015	516,951	584,026	60,468		1,161,445
2014	430,828	468,646	436,568	485,947	1,821,989
2013	334,159	343,262	320,162	379,428	1,377,011
2012	213,402	245,836	229,864	349,688	1,038,790
2011	146,748	155,152	107,601	175,464	584,965
2010	117,514	133,024	128,924	146,690	526,152



Lifetime downloads (from Feb 08): 6,996,998



## Institutional OA publishing - challenges

- Publishing knowledge and expertise
- Scalable, sustainable business model
- Competing with established brands

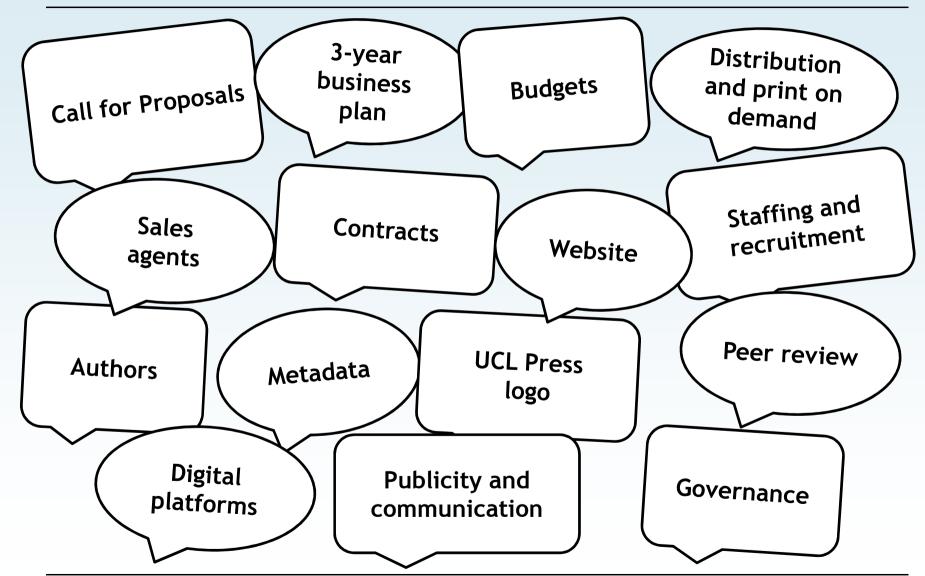


## **UCLPRESS**

- UCL Press imprint was established in 1990 with a commercial publisher; it became dormant
- In 2013 it was re-established by UCL as a Department of the Library
- Formal launch in June 2015 as the UK's first fully Open Access University Press
- UCL Press publishes books (scholarly monographs, textbooks, edited volumes, scholarly editions) and journals



## Setting up



#### **Books**

- Book Processing Charge of £5,000 waived for UCL members
- All book proposals are peer-reviewed
- 3 books published to date; 5 more due in Autumn 2015







- Plans for 20-25 books in 2016 and 30-35 in 2017
- · Basic versions are free; other formats are charged
  - All titles available OA (PDF)
  - Print-on-demand and ebook versions chargeable
  - Highly-illustrated colour titles printed for stock in hardback and paperback; also available in free 'enriched' versions

#### \*UCL

#### The Petrie Museum

#### **UCLPRESS**

Introduction Characters of the Petrie Religion and Ritual Figures Rulers Women in Egyptology

#### Welcome

About the book

The Petrie Museum of Egyptian Archaeology first opened its doors in 1915, and since then has attracted visitors from all over the world. Named after its founder, the pioneering archaeologist Flinders Petrie, the Museum holds more than 80,000 objects and is one of the largest and finest collections of Egyptian and Sudanese archaeology in the world. Experts discuss the discovery, history and care of key objects in the collections such as the Koptos lions and Roman era panel portraits. The rich and varied history of the Petrie Museum is revealed by the secrets that sit on its shelves.

About this edition:

This enhanced ebook edition offers many bonus features:

- · Video, audio and 3D content
- · Deep zoom features allow users to magnify the detail of some of the wonderful objects from the Petrie collections
- · Slideshows bring images to life
- · The navigation bar at the top of the screen offers easy navigation of all 36 articles by theme. The tabs across the top of the screen or Search function can also be used to browse content.



Statuette of a husband and wife from Dynasty 18 (1352-1292 BC), from the Amelia Edwards collection (UC15513).

**Slideshows** Video Audio Deep zoom Music/podcasts **3D** 

Currently being developed as an OA web platform for all UCL Press books



#### **Journals**

#### Two journal services offered:

#### **Publishing** service

- Ingenta Connect platform
- Proposals must be accepted by UCL Press Board
- APCs for non-UCL authors
- 3 titles to date; 10 more proposals under consideration

#### **Hosting** service

- Available to UCL staff and students
- Uses OJS software over UCL Discovery
- No charge to editors



UCL Open Access Journals	
HOME ABOUT LOGIN REGISTER SEARCH	OPEN JOURNAL SYSTEMS
Home > UCL Open Access Journals	Journal Help
UCL Open Access Journals	USER Username Password
Think Pieces: A Journal of the Arts, Humanities, and Social Sciences	Log In
Think Pleces aims to showcase exciting, up-and-coming work from a community of scholars, both students and academic staff, at University College London approaching one topic from a cross-disciplinary perspective. This journal is about opening discussions, and inviting varied approaches, methodologies, and academic backgrounds to interact in response to a specific prompt that interrogates an idea, issue, or construct, whose scholarly interpretation is truly multifaceted.	JOURNAL CONTENT Search
Think Pieces is a space for focused collections of papers, including those presented at the JFIGS Forums and other meetings within the Joint Faculty, to be accessible to a wider audience interested in the development of cross-disciplinary discussion and collaboration in Arts, Humanities, and Social Socieosca at UCL.	All V
VIEW JOURNAL   CURRENT ISSUE   REGISTER	
UCL Journal of Law and Jurisprudence	FONT SIZE
The UCL Journal of Law and Jurisprudence is a law journal edited and published by students of UCL Laws. The Journal publishes scholarly contributions from academics, researchers and practitioners, as well as showcasing outstanding research of post-graduate students at UCL. It accepts	

## **Staffing**

#### November 2013

Publishing Manager

#### 2014

Managing Editor

#### 2015

- Marketing and Distribution Editor
- Commissioning Editor

#### Coming in 2016

- Journals Manager
- Administrative Assistant







## Working with...

#### **Freelance**

Copy Editors Proofreaders Designers Indexers

## Suppliers

Printers
Digital developers
Typesetters
Print on demand

#### **Services**

Distribution and warehousing Sales agents



#### Partners / Platforms

**OAPEN** 







#### Success measures

- OA downloads
- Usage of enhanced editions
- Demand from authors
  - Over 100 book proposals received (80% UCL authors)
  - Top subjects: archaeology, anthropology, architecture, history
- Sales figures
- Reviews
- Social media activity, e.g. Twitter





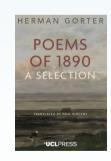
#### Conclusion

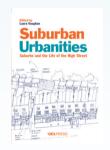
- UCL Press is part of UCL's commitment to OA
- It shows UCL taking charge of the dissemination of its research
- UCL Press benefits UCL by raising the visibility, accessibility and use of its research, for academics, policymakers, industry and the public

"...a 21st century approach to the dissemination of knowledge and wisdom"

Professor Michael Arthur, Provost and President of UCL

Coming soon...









## Thank you

Martin Moyle

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http:/www.ucl.ac.uk/library