Case Study:
Open Access at the University of Glasgow
William J Nixon
Overview

- About the University of Glasgow
- Key drivers for open access
- Repositories at Glasgow 2001-
  - DAEDALUS, Enlighten, Theses Service
- Range of Technology
- National Research Assessment Exercise
- New role as a publications database
- Measures of success
- Lessons learned
- Future activities
Glasgow and Scotland

- Capital: Edinburgh
- Population 5.1m
- 14 Universities
- Devolved Parliament
- City of Glasgow
  - Population 578,000
University of Glasgow

- Founded in 1451
- 2nd oldest University in Scotland (4th UK)
- 5,800 Staff
  - 2,400 Academic
- 20,000 Students
  - 15,397 undergrads
  - 4,621 postgrads
- One of the world's top 100 universities (73)
- Wide range of disciplines
University Library

- Earliest reference to the Library is 1475
- 2M+ items on 12 Floors
- 140 Online databases
- 23,000 E-Journals
- 200 Staff
  - 30+ Academic Staff
- 1.4M Visits in 2006
Key Drivers for Open Access in the University

- Increasing impact for research made openly available including:
  - Peer-reviewed papers
  - Higher degree theses
- Publicly presenting the University’s research profile
- Complying with funding body policies on Open Access e.g. Wellcome Trust
- Managing our research publications
- Preparing for national research assessment exercises
Key Stakeholders

- Academic staff
- Departmental administrators
- University Library
- IT Services
- Corporate Communications
- Research and Enterprise
- Human Resources

“No Repository is an island.”
Repositories at Glasgow: 2001-2006

• 2001: In-house Testing
  – Initial repository work began with ePrints software
• 2002-2005: DAEDALUS Project
  – Received national funding to develop our repository work
• 2004: Scottish Declaration on Open Access
  – Scottish Universities agreed to set up institutional repositories, and/or liaise with other organisations to establish a joint repository.
• 2006: Enlighten launched
  – Our project work moved to a sustainable service called Enlighten
Repositories at Glasgow: 2006-

- 2006: University Publications Statement
  - Statement released by Vice Principal for Research “strongly encouraging” deposit

- 2007: Theses Mandate
  - Higher degree theses mandate introduced and our theses service launched

- 2008: University Publications Policy
  - New policy which requires details of all journal publications and full text where © permits

- 2009: Publications Database
  - Enlighten will be launched in January as University’s publication database
Technology used at Glasgow

- Range of separate technologies
  - Millennium from Innovative Interfaces Inc
  - Encore [and Federated Searching] 2008
- Institutional Repository Software
  - ePrints (2001)
  - DSpace (2002)
- IR Development is collaborative
  - Support from University’s IT Services Department
  - Servers hosted and backed up by IT Services
Glasgow ePrints Service (2001)

- Demo’ed in April 2001
- First ePrints implementation (v.1.0)
- Only 15 papers, some from the Library
- Few journal articles
- Mix of content
- Provide us with a “proof of concept”
- And lots of questions…
DAEDALUS (2002-2005)

- Part of a nationally funded Programme
- Set out to build a collection of institutional repositories with different content types
- Two strands
  - Advocacy
  - Service Development

Daedalus watching Icarus fall in Ovid: *Metamorphoses*, illustrated by Virgil Solis (Frankfurt: 1569)
DAEDALUS: The Mediated Model

- Little or no self-deposit of papers
- Records added:
  - Manually by Library Staff
  - Imported from publication databases
- Resource and Scalability Issues
- deposit@lib.gla.ac.uk set-up
- Additional enhancement by staff
  - Reference checks
  - Subject heading assigned
  - Full text attached
  - Copyright statement included
• Two Repositories [different software]
  – ePrints
  – DSpace
• Digital Preservation subject repository
• Open Access e-journal, JeLit
• Pilot Search Service
• Wide range of reports and presentations
  – Software evaluation
  – ePrints Workflow
  – Advocacy
Open Access in Scotland

- Scottish Declaration on Open Access launched October 2004
  - all Scottish Universities are signatories
- Actions on institutions include:
  - Set up institutional repositories, and/or liaise with other organisations to establish a joint repository.
  - Encourage, and where practical mandate, researchers to deposit copies of their outputs (articles, reports, conference papers, etc) in an institutional or co-operative repository.
Enlighten was launched in April 2006

The new name signalled a clear distinction from the earlier project (not an acronym)

It included the repository and the support which the Library offered

Appointment of new staff to manage deposits and to check copyright

Senior Management Support

University Statement on Open Access which “strongly” encouraged deposit

Core Strategic Aim for the Library
Enlighten: Various Repositories

- Three Distinct Repositories
  - Published papers
  - Other Research Outputs
  - Higher Degree Theses
- Cross-searching provided by Google
- Hybrid Repository – Full Text and Records
Welcome

Enlighten is the University of Glasgow's institutional repository service and includes published material by members of the University of Glasgow, including peer-reviewed journal articles, published conference papers, books and book chapters.

Search for published papers in Enlighten

Please Note: This service is not a complete record of all published material by members of the University of Glasgow.

New University Publications Policy

At the meeting of Senate on 5th June a new University Publications Policy was approved. The key aim of the new policy is to maximise the impact of the University's research by making publications as widely and freely available as possible through the University's institutional repository Enlighten. The policy will apply from the beginning of the 2008/2009 academic session.

Advice for authors

Enlighten also provides University of Glasgow authors with advice on how to deposit papers in the service and information on related issues such as open access publishing and complying with funding body open access policies.

Find More

Search for additional content in Enlighten, indexed by Google including the full text of PDF's as well as working papers, theses, reports and presentations.

DAEDALUS, ePrints and Enlighten

Enlighten is based on the work done by the JISC funded
Glasgow Theses Service and Theses Mandate

- Worked with theses since the DAEDALUS project, initially thought they would be a “quick win”
- Major hurdles to overcome but the theses mandate was agreed by University Senate in January 2007
- Support of Vice Principal for Research was vital
- Over 300+ Higher Degree Theses now deposited across all faculties
Welcome

The Glasgow Theses Service is a collection of full text Higher Degree theses successfully defended at the University of Glasgow.

Please Note: This service does not contain all theses defended at the University of Glasgow, for a complete search of Glasgow theses use the Library Catalogue.

Search

Search for Theses: 

Additional Searches: Simple | Advanced

Browse

Faculty/Department | Subject | Year | Thesis Type

Deposit

Before depositing please read our Guide to Getting Started

Registration for University of Glasgow Students

Register here to deposit your thesis

Registered Users Area

Login here to deposit your thesis

Password Reminder

Get an e-mail reminder if you have forgotten your password
Towards the total synthesis of gambieric acid A


Full text available as:

PDF - Requires a PDF viewer such as GSview, Xpdf or Adobe Acrobat Reader
2338 Kb

Abstract

Over the past three decades, numerous polycyclic ether natural products have been isolated from marine organisms. All of these unusual compounds possess a wide range of biological activities. In 1992, a new family of polyethers was discovered from the marine dinoflagellate Gambierdiscus toxicus: gambieric acids A-D, which show antifungal activity against a variety of filamentous fungi. The purpose of this thesis is to show the progress towards the synthesis of F-J ring system of gambieric acid A. First, the large scale synthesis of 1-6 ring fragment using the two directional ring closing metathesis developed in the laboratory is described including the improvements made to the previous synthesis. Subsequently, the efficient introduction of the methyl group of the F ring using a 1,4 addition with a cuprate reagent to an α,β-unsaturated lactone is discussed in detail. In addition, efficient introduction of the side chain to the J ring using a cyclic siloxane using a model system is also reported, after the exploration of ten different approaches. Finally, studies concerning the final stages of the synthesis are discussed.

Item Type: Thesis (PhD)
Qualification Level: Doctoral
Subjects: Q Science > QD Chemistry
Faculty and Department: Physical Sciences > Department of Chemistry
Supervisor: Clark, Fr J. Stephen
Date of Award: 2008
Printed Thesis Information: http://eleanor.lib.qla.ac.uk/record=b2544789
Unique ID: glathesis:2008-358
Copyright: Copyright of this thesis is held by the author.
Deposited On: 07 November 2008
Example of Catalogue record and link to Thesis

Search History

Search for:
- KEYWORD: gambieric
- University of Glasgow theses
- Limit search to available items

2 results found. Sorted by relevance | date | title.

Author: Molette, Jérôme.
Title: Towards the total synthesis of gambieric acid A [electronic resource] / Jérôme Molette.
Bibliogr.: Includes bibliographical references.
Note: Print version also available.
System Det: Modo of access: WWW.
System requirements: Adobe Acrobat reader required to view PDF document.

Available online:
Connect to e-thesis.
“Glasgow University, as a signatory of the Scottish Open Access Declaration, strongly encourages authors at Glasgow University to deposit copies of their published work into the University's Institutional Repository……….The Repository is a freely available database which anyone in the world can access and is intended to be a showcase of the research undertaken at the University.”

http://www.lib.gla.ac.uk/enlighten/statement.html
Impact of the statement

• Increased awareness of the existence of a repository here at Glasgow
• Significant increase in number of staff depositing content
• Significant increase in the range of content across the University
• The repository is seen an institutional initiative NOT a library initiative
• But, not enough… and not a Mandate
Research Assessment Exercise (RAE) - 2007

- National research exercise to evaluate quality of research done by UK universities
- Results inform University funding
- Academic staff had submit 4 best publications from 2001 to Dec 2007
- Library managed publications
- Results due on 18 Dec 2008
- Key outcome:
  - University needs a central publications database
Post-Research Assessment: Publications Database

• Library proposed that Enlighten could be used for this role
• Enlighten would become a key University service
• No confusion for staff, as only one database for publications data and full text
• Existing publication data could be imported
• Publication data in Enlighten could be re-used in staff web pages
• Opened up opportunity to discuss a possible mandate with senior management
The objectives of this policy are:

• To increase the visibility of research publications produced by staff employed by or associated with the University of Glasgow

• To ensure that research outputs are prepared and curated in a way which helps maximise the value that they have for the university in terms of the external use of bibliometric data e.g. league tables, post-2008 RAE

http://www.lib.gla.ac.uk/enlighten/publicationspolicy/
Publications Policy: Key Elements

• Requires staff to deposit the full text of peer reviewed journal articles and conference proceedings (where publisher agreements permit) from start of 08/09 session
• Encourages deposit of other types of research publication
• Incorporates requirement for bibliographic details for all research publications from 2008-
• Also includes requirement for standard form of address for journal articles
Publications Policy: Concerns of University Staff

• Content
  – What should be provided? How? When?

• Copyright
  – Will you ask me to break © agreements? What support is available?

• Context
  – How will this data and the full text be seen and accessed?

• Citations
  – Will the open access versions be cited rather than the publisher version? Impact on citations
Publications Policy: Author’s Copyright

• In UK universities it is a “custom and practice” that authors have the copyright of their papers and not the University
• Discussed issue of requiring authors to retain copyright with Vice Principal Research
• Felt that this was too big a step, and would be likely to be detrimental to what we were trying to achieve
• Aware of authors likely reaction to University trying to “control” copyright of research publications
• Agreed not appropriate to propose this at the current time
Publications Policy: Processes

- **Different Deposit Models**
  - Self deposit by academic staff
  - Proxy deposit by administrative staff on behalf of academics
  - Fully mediated deposit (full text sent via e-mail to Library)

- **Different Publication Data Models**
  - Added directly into Enlighten or,
  - Imported from departmental publications databases (Reference manager, EndNote etc.)

- **Copyright Issues**
  - Library staff will review and check copyright and open access conditions for material
Enlighten: Measures of Success

- Positive reactions and support from University management, academic staff and Heads of Department for Enlighten
- Continued growth in deposits
- Continued growth in access
- Publications policy is a Key Performance Indicator (KPI) for International Excellence in Research within University’s strategy
Success: Positive Support – and Relationships

• Positive meetings with academic colleagues during 2008 about publications and full text
• Stressing “full text” not just publication details
• Library’s role in the national Research Exercise seen as very positive
• Academic colleagues asking “How” not “Why” they should deposit their material
• Publications policy accepted in Senate in June 2008 meeting
Success: Growth of Deposits into Enlighten

Generated by http://archives.epints.org/
Success: Growth in Access to Enlighten
Since February 2004

- 1.3M+ PDF downloads
- 4000+ records
- 1700+ full text papers
- Our most downloaded book - 34,000
Example: Google

Glasgow ePrints Service - Language in Pictland: the case against...
Language in Pictland: the case against "non-Indo-European Pictish". Forsyth, K.
Language in Pictland: the case against "non-Indo-European Pictish".

Picts - Wikipedia, the free encyclopedia
Forsyth, Language in Pictland. Price "Pictish", Taylor, "Place names", Watson, Celtic Place Names. For KH Jackson's views, see "The Language of the Picts"...

Pictish language - Wikipedia, the free encyclopedia
Forsyth, Language in Pictland; the relationship between Basque and Pictish theorised by Federico Kruwig, lacks support in English-language publications. ...

Origins of the Kingdom of Alba: Information From Answers.com
Jackson, "The Pictish language", followed by others, such as Forsyth, .. Language in Pictland, (1997). A. Foster, Sally, Picts, Gaels and Scots (1996). ...

The Church as principal vehicle for the progressive Gaelicisation ... a language of learning and writing, albeit bilingual, in Pictland before his reign. ... Forsyth, K. (1995a) "Language in Pictland", spoken and written. ...
Further reading

Foster (2004) is considerably revised from the 1996 edition, and offers one of the most complete introductions to the subject. Henderson (1967) is still regarded as important. The articles in Lynch (2001) will be useful, but this is not referenced and may be best read in conjunction with another work. Leing & Leing (2001) provides good coverage of Pictish art, but is not well illustrated and otherwise outdated; the most thorough and by far the most up-to-date work on Pictish art is Isabel Henderson's *The Art of the Picts: Sculpture and Metalwork in Early Medieval Scotland* (2004). Cummins (1999) attempts a narrative, with mixed success, and all works by Cummins should be read with caution. Smyth (1994) is widely cited, but is unlikely to be suitable reading for a beginner. Leslie Alcock (2003) provides comprehensive coverage of Dark Age northern Britain from an archaeologist's perspective. Marjorie Anderson (1973; 1980) provides the landmark and most authoritative guide to the historical sources of the period. The relevant works in the new Edinburgh history of Scotland - Fraser, *From Caledonia to Pictland*, and Woolf, *From Pictland to Alba* - are expected in 2007–2008.

External links

- Glasgow University ePrints server, including Katherine Forsyth's
  - Language in Pictland (pdf)
  - Literacy in Pictland (pdf)
- CELT: Corpus of Electronic Texts at University College Cork:
  - The Corpus of Electronic Texts includes the *Annals of Ulster*, *Tigernach, the Four Masters and Innsfallen*, the *Chronicon Scotorum*, the *Lebor Bretach*, Genealogies, and various Saints’ Lives. Most are translated into English, or translations are in progress
  - *The Pictish Chronicle*
  - *The Chronicle of the Kings of Alba*
  - *Annals of Clonmacnoise* at Cornell
  - *Bede’s Ecclesiastical History and its Continuation* (pdf), at CCEL, translated by A.M. Sellar.
  - *Annales Cambriae* (translated) at the Internet Medieval Sourcebook.
  - Tarbat Discovery Programme with reports on excavations at Portmahomack.
  - SPNS the Scottish Place-Name Society (Comann Airmean-Aite na h-Alba), including commentary on and extracts from Watson’s *The History of the Celtic Place-names of Scotland*.
  - Pretanic World - Pictish Symbols and their Meanings

See also

- Kings of the Picts
- Origins of the Kingdom of Alba
- Scotland in the Early Middle Ages
- Prehistoric Scotland
- Duan Albanach
- Harp
- Pictish stones
- Mormaer
- Caldaigh
Key Lessons

• Advocacy, advocacy, advocacy
  – Repeating our message to management and academic colleagues

• Relationships
  – Building good relationships with key people in the University and gaining their support

• Different needs
  – Respecting and accommodating different disciplines and their distinct academic needs

• External influences
  – Using the work and decisions made by other institutions/funders to influence local change
Our Future Activities

• Implementing our new publications policy
• Ongoing work with academic colleagues and administrators
• Enabling “ownership” of publications data
• Embedding publications data beyond the repository e.g. online staff publications lists
• Implementing the processes for capturing both full text and publications data with academics and their departments
• Preparing for next national assessment exercise: Research Excellence Framework
Enlighten is the University of Glasgow’s institutional repository service for published research material including:

- peer-reviewed journal articles
- published conference papers
- books and book chapters

There are many benefits to depositing your research in Enlighten find out more...

UNIVERSITY PUBLICATIONS POLICY

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KEY INFORMATION FOR GLASGOW AUTHORS

Enlighten also provides University of Glasgow authors with advice on how to deposit papers in the service and information on related issues such as open access publishing and complying with funding body open access policies.

Enlighten is powered by EPrints 3 which is developed by the School of Electronics and Computer Science at the University of Southampton. More information and software credits.
Научно-практический семинар
«Научное знание в цифровую эпоху: открытый доступ и открытые электронные архивы»

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• ООО «Ксерокс (СНГ)»
• ООО «ФОРТ ДИАЛОГ - Исеть»

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2-3 декабря 2008 г.