

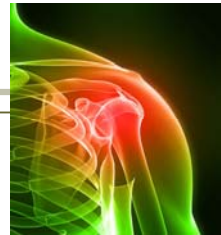


# SCIENCE, ENGINEERING TECHNOLOGY & HEALTH RESEARCH NEWSLETTER

## TRINITY COLLEGE LIBRARY

1 December, 2008  
Volume 1, Issue 1

Editor: Jessica Eustace, SFI Research Support Librarian, Hamilton Library, Trinity College Dublin, College Street, Dublin 2. tel: ex 2398 email: [eustacj@tcd.ie](mailto:eustacj@tcd.ie)



### Welcome to the new SETH Research Newsletter – Robin Adams, College Librarian ([radams@tcd.ie](mailto:radams@tcd.ie))

The Library's Research Newsletter for the Science, Engineering, Technology, and Health is an initiative aimed at improving communication between the Library and the College research community in these disciplines.

The provision of current, relevant information is vital to the research process and the Newsletter will feature new services and facilities in the Library, as well as highlighting our longer term plans.

The Library's delivery of services to scholars working in science and technology is increasingly in the electronic medium, with a reduction in the significance of the Library as physical space. The range of services and facilities has grown enormously and there is considerable investment of funds in these resources and the research community also benefits from the nationally funded IReL electronic journal service. It is therefore very important that researchers are aware of this range of sources and that the Library understands and responds to changing requirements.

The Newsletter will include contributions from library specialists across the subject fields and in the contribution these make to the research and publication process.

I very much hope that this will provide useful information in support of your work and warmly encourage you to respond to the individual contributors and to the editor, Jessica Eustace at [eustacj@tcd.ie](mailto:eustacj@tcd.ie).

### Meet the Science, Engineering, Technology, and Health Librarian Team

The Science, Engineering, Technology, and Health Librarian team is made up of 7 members based in the Hamilton, John Stearne and Ussher Libraries. To contact any of the team simply ask for us at the Duty Librarian's desk or at the Library Counter. The Duty Librarian's desk is open between 10-1 and 2-5 in the Hamilton and Berkeley Library. Please ask at the front desk in the John Stearne Library. Subject Librarians contact details can be found in the College People Finder

You will have an opportunity to find out more about

### Inside This Issue

Welcome from the College Librarian	1
Meet the SETH Library Team	1
Researchers urged to think outside the box	1
Exhibition of Botanical Books	2
How to bookmark off campus	2
Digital Resources Imaging Services Project	2

how the Science, Engineering, Technology, and Health Librarian Team can support your research needs in future issues.



From Left to Right - Top

**David Macnaughton** – Subject Librarian for Health Sciences (Hamilton)

**Greg Sheaf** – Subject Librarian for Nursing & Midwifery (Ussher – fifth floor)

**Margaret Rooney** – Subject Librarian for Natural Sciences (Hamilton)

**David Mockler** – Medical Librarian (John Stearne)

From Left to Right - Bottom

**Jess Eustace:** SFI Research Support (Hamilton)

**Arlene Healy** – Sub Librarian (Hamilton)

**Lorna Flannery:** Subject Librarian for Engineering, Maths, Computer Science & Statistics. (Hamilton)

### Researchers Urged to Think Outside the Box

400 scientists attended the **Science Foundation Ireland** science summit in Lyrath Estate. The overriding theme for the two-day summit: was the **Converging World**. Professor Frank Gannon, director general of SFI, said the chosen theme reflects a general trend that is happening in the research sector in Ireland. "The SFI areas of responsibility are biology, ICT and engineering, and as such our aim is to encourage these worlds to interact with each other."

Minister for Science, Technology and Innovation, Dr Jimmy Devins, who attended the event, urged attendees

to "persevere, probe and push the parameters of possibility in their day-to-day research". Prof Gannon said that Ireland has gotten off on the right track when it comes to converging research.

The line-up of speakers outlining their specific research projects pointed to a healthy culture of integration between areas as diverse as biology and software. Projects such as that being run by Brian Norton, which combines telecoms and sunlight; Autonomic Network Management, which uses biological models to enhance comms networks; and a project being run by Paddy Prendergast, which combines mechanics and biology. "We want researchers to step away from just adding the next brick in the wall," said Prof Gannon, who told ENN he believes events like the science summit will help to develop the scientific community in Ireland. <http://www.enn.ie/story/show/10124882>

### **Dept of Early Printed Books – Exhibition of Botanical Books in the Long Room Helen Bradley Assistant Librarian (hbradle@tcd.ie)**

The current exhibition in the Long Room, 'Nature's Bounty: Botanical Beauties in Trinity College Library' offers an opportunity to see on display some of the most beautiful volumes in the Library and provides a glimpse for researchers of the richness of the Library holdings. Apart from their scientific importance, these works demonstrate the book arts of illustration, typography and design at the highest levels.

The earliest sign in Trinity College of academic interest in botany came with the establishment of a physic garden in 1687. Botany has been taught in the College since 1711, when it was taught by Henry Nicholson. Much internationally important research has been published including works by W.H. Harvey, professor of botany in 1856, and works by D.A. Webb in the late twentieth century. Works by Harvey and Nicholson are on show in the exhibition as well as a specimen of algae and the accompanying field notes sent to Harvey by Charles Darwin.

Early herbals (texts concerning plants that were useful for medical purposes) feature in the exhibition including the first English herbal of 1526 and Culpeper's 'Herbal' of 1656. Advances made in botany due to the development of the microscope, which introduced the era of plant anatomy, are evident from the improvements in the accuracy of illustrations. The exhibition takes a thematic approach and includes exploration, tulipmania and gardens.

### **New System for off-campus access to E-resources – Cliona Ni Shuilleabhain Digital Resources Librarian (cliona.osullivan@tcd.ie)**

The Library in cooperation with IS Services has implemented a new system for providing access to e-journals, and other licensed electronic resources from off-campus locations. The new system provides easier

and expanded access to licensed electronic resources to registered students and staff, irrespective of where they are located. College members linking to an electronic resource from off-campus will be directed to a secure page to authenticate with their College username and network login password.

The support page at <http://www.tcd.ie/Library/resources/index.php> provides more detailed information on the changeover along with answers to the following common questions:

- How can I access TCD e-journals and databases via Google while off-campus?
- How can I save links to journal/publisher sites in Favorites or Bookmarks to use off campus?
- How can I restore links to Favorites or Bookmarks which haven't worked since the changeover to the new system

### **Introducing the DRIS project – Tim Keefe Head of Digital Resources and Imaging Services (keefet@tcd.ie)**

The Digital Resources and Imaging Services Department (DRIS) is a new Library department dedicated to the digitization and dissemination of digital library collections and resources. Current digitization activities are primarily focused on the Early Printed Book and Manuscripts holdings with special emphasis placed on the development of new resources to support advanced academic research.

Our current project highlights include the digitization of the Samules Collection of late 19<sup>th</sup> and early 20<sup>th</sup> century Irish revolutionary materials, digitization of the Annals of Ulster medieval manuscript, and continuing research into multi spectral imaging techniques to support the retrieval of lost and damaged text.

Over the next year we will continue the development of our digital imaging capabilities with the introduction of several new state of the art digital capture stations to support the digitization of oversized, transparent, and dimensional source materials. In the first half of 2009 we are planning to begin the development of a new Advanced Digital Library Collections Environment to provide online access to our unique library holdings. This digital repository will support the long-term storage and preservation of our digital collections, provide innovative new research toolsets to the humanities researcher, and open library access to a wide variety of new user groups.

For further details please contact the Digital Resources and Imaging Services department at [digitalresources@tcd.ie](mailto:digitalresources@tcd.ie)

---

For additional information on any of these news items please contact the Editor at [eustacj@tcd.ie](mailto:eustacj@tcd.ie)

