

TEN OUTSTANDING YEARS

LEARNING RESOURCE CENTRE



Library & Information Services

Welcome

'The LRC is second to none. All the books I needed were there and internet access was great too. The LRC at Teesside is just top dog – staff are all just brilliant and helped me a lot during my studies.'

Anil Bhatia, MSc Process Manufacturing and Management, 2005, Process Engineer, AMEC

Providing access to knowledge, imagination and learning

This year we are celebrating ten successful years of the University's Learning Resource Centre (LRC) which was rated by the 2007 National Student Survey as one of the top four university libraries in the country. The University's Library & Information Services (L&IS) has provided a valuable provision for our varied communities on Teesside, offering a rich storehouse of information for learning, research and enterprise.

I have had the privilege and benefit of working in and exploring libraries for over 50 years. These included the Carnegie-funded public libraries of my youth and the academic libraries for further and higher education in which I have worked. However my proudest moment as a professional librarian was at the opening of the LRC by the late Dr Mo Mowlam in January 1998. The building was the culmination of several years' planning and, critically, the support of the University both in financial terms and the willingness to embrace at that time a future for libraries that was being dramatically changed by the digital revolution. Yet what particularly heartened me was that the opening ceremony was firmly embedded in the needs of our students, staff and the various Teesside communities. Local schools, colleges and groups gathered with the University community to witness Mo Mowlam opening the building. In particular she praised the University for

not forgetting its roots while growing from a local higher education establishment to a centre of learning and excellence with a national and international reputation.

We have continued to grow, embracing the internet and electronic publications, and ensuring that our staff and students whatever their location have up-to-date information. We have also supported local businesses through our library service at Wilton. I continue to be amazed and encouraged by how the digital revolution is allowing libraries to reveal a wealth of historical and current information sources whilst enabling access from home and work.

However, whilst buildings and technology are important, I must also praise the library staff who have embraced these changes yet have remained clear that their main role is to enable our readers to make full use of this wealth of information. From the University's earliest days in 1929 we have had library staff who, despite many challenges, have enabled us to thrive and prosper. I cannot predict with any certainty what the future will be for library services but I have every confidence that the Learning Resource Centre and its staff will continue to provide easy and flexible access to the wide range of print and electronic services needed for knowledge, imagination and learning.

Ian C Butchart

Director

Library & Information Services
University of Teesside



Mission Statement

Library & Information Services is a major University facility whose purpose is to enable and encourage students and staff to access information for their learning, teaching, research, and enterprise needs.

The focus for its activities on the main campus is the Learning Resource Centre.

‘an investment of huge significance’



In many ways the opening of the Learning Resource Centre (LRC) was a springboard for the growth and success of the University over the last ten years. It has proven to be an investment of huge significance which has transformed the learning experience of students at our University.

The importance of the LRC to our students and the commitment and talent of the staff of the Library & Information Services Department is reflected in the exceptional recognition that learning resources has achieved in every year of the National Student Survey*. And, I also have no doubt that the recent research report* which highlighted Teesside students as the most satisfied of all modern university students was in no small part due to the existence of our outstanding LRC and its equally outstanding staff.

It is therefore a privilege for me to have this opportunity to extend my warmest congratulations and appreciation to all those who work in, and use, the Learning Resource Centre on a highly successful decade and wish you continued success in the years ahead.

Professor Graham Henderson
Vice-Chancellor and Chief Executive



“**‘The LRC is an outstanding facility placed at the heart of the campus.’**”

Trevor Langford, HND Sport and Exercise, 2005, now studying on the MSc Sport and Exercise

*Visit www.tees.ac.uk for further details.

The LRC opens its doors

Although the official opening of the LRC was on 16 January 1998 it actually opened its doors at the beginning of the academic year on 22 September 1997. On the LRC's first day of business, the Director of Library & Information Services, Ian Butchart, and other senior members of staff welcomed their first customers.

The first student across the threshold was 28-year-old Basina Zwemizi from Botswana, (pictured below) a government-sponsored student who only arrived in the UK the day before. He was presented with a £20 book token donated by Christine Dowden, manager of Waterstone's University bookshop. Basina graduated in 2000 with a BSc (Hons) Combined Studies.



Left to right are Basina Zwemizi, Hilda Mogobe, Christine Dowden, Jane Burke and Paul Mayes

Left to right are the Mayor of Middlesbrough, Councillor Kenn J Hall, Vice-Chancellor Professor Derek Fraser and student Andrea Hall burying a time capsule (1996)



Burying the time capsule

The Mayor of Middlesbrough, Councillor Kenn J Hall, helped the University begin the first phase of its massive £20m-plus Campus 2000 project. Together with Professor Derek Fraser, the then Vice-Chancellor, and final-year English student Andrea Hall, he placed a time capsule into the foundations of the new £11m LRC in May 1996. Professor Fraser said the University was celebrating a milestone in its development. 'We intend to provide Middlesbrough and the region with a university ready for the millennium . . . a university with some of the finest state-of-the-art facilities, both for our students and researchers, and for our many partners in industry and the community.' After graduating, Andrea moved to Manchester with her boyfriend (now husband), Jonathan Law, also a Teesside graduate.

Northern Ireland Secretary of State Dr Mo Mowlam MP officially opened the LRC on Friday 16 January 1998. The Redcar MP described the LRC as a 'magnificent building' and congratulated the University on creating 'an impressive centre of learning'.

Mo was joined by representatives of many community sectors, including children and teachers from two local schools, St Thomas More and High Clarence Primary, who had jointly prepared an exhibition for the LRC. This centred on *At the Works*, written in 1907 by Lady Florence Bell, who studied the daily lives of Middlesbrough's ironworkers and their families, including their reading habits. The children developed one of her themes by conducting their own investigations into current reading tastes in the area.

“The LRC is one of the best I’ve been in. The facilities were great.”

Mark Johnston, BA (Hons)
Accounting and Finance, 2003



Emma Jones, one of the children at the official opening, now a third-year BA (Hons) Accounting and Finance student



Left to right are Emma Jones, Mo Mowlam, Catherine Fleming and Jean Orridge

Emma Jones, one of the children from St Thomas More’s, went on to become a student at Teesside and is now in her third year of an Accounting and Finance degree. She said, ‘I can remember feeling how big the building was because I was only used to being in a small school.’ Adrian Connolly, now a health and safety officer with Aker Kvaerner, remembers having a wonderful day despite feeling nervous. ‘The best part of it was that Mo Mowlam wrote to us personally after the opening, saying how much she enjoyed the day and how much she enjoyed meeting us,’ he said. Jane Byrne, the teacher from St Thomas More’s led the project, and is now headteacher at Brompton Community Primary School, Northallerton. She remembers it as ‘An amazing day, and Mo Mowlam was a truly lovely person. It was a fantastic honour for us to be invited and a great project to be involved in.’

High Clarence Primary School headteacher Jean Orridge attended with pupil Catherine Fleming. Catherine, too, chose to continue her studies at Teesside where she is currently in her second year of a BSc (Hons) Sport and Exercise Psychology degree. Jean, who was awarded an OBE in January 2008 for her services to education, remembers the huge impact the visit had on the children, ‘This was the first time the children had ever been to a University. They were amazed at its size, and asked lots of questions on the way home about what it would be like to study at Teesside. I think they found it quite inspirational.’

On 15 September 1997, one week before the LRC welcomed its first students, staff hosted a 20-strong party of international academic librarians on a study tour arranged by the British Council. The new building was hailed as a blueprint for future university libraries everywhere.

International librarians admire the LRC



The LRC in numbers

Fascinating facts and figures: then and now

Opening hours

Year	Hours per week
1937	10
1977	64.25
1997	69.5
2007	96

Bookstock

Year	Books	Journals
1957	7,000	140
1977	26,000	700
1982*	150,000	2,000
1993	200,000	1,800
1997	292,529	1,800
2007	384,223 [▲]	1,800 print journals 15,466 electronic journals

* includes figures from the recently acquired Flatts Lane site library

▲ 56,900 of these are in store

Number of student PCs

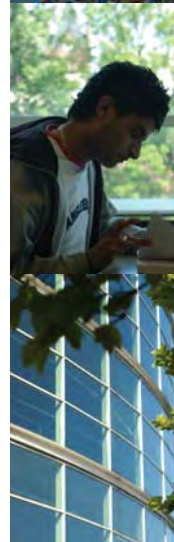
1984	6 Apple Macs
1996	5 Apple Macs and 5 PCs to run CD-ROMs
1997	350 PCs
2007	400 PCs (Dells)

Staff numbers

1938	1 (unqualified)
1968	8 (including two qualified librarians)
2007	105

Study spaces

1969	110
1974	300
1996	380
2007	1,300



The Building

LRC stock exceeds 1/3 million volumes of printed materials weighing 130 tonnes. This is more than the weight of a blue whale or 30 African elephants.

There are 8.4 kilometres of shelving in the LRC – that's further than the distance from the LRC in Middlesbrough to Stockton-on-Tees.

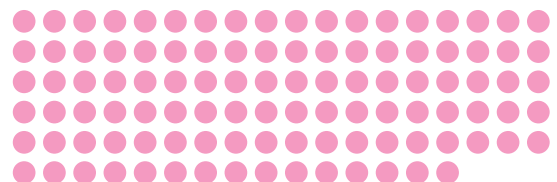
The building also contains 41 kilometres of data, fibre optic and telephone cables – similar to the distance from Middlesbrough to Durham.

Since the LRC opened:

- more than 7.8 million visitors have come through the door
- 5.9 million items have been issued
- students have sent over 11 million pages of work to be printed, which, stacked up, would be higher than Mount Everest
- in 2006 - 07 students printed/copied 2.5 million sheets, 12 times the height of the LRC
- the LRC has provided 95,538 inter-library loans.

the LRC opens for
3,998 hours each year

●
1938: 1 librarian



2007: 105 staff

This includes 22 qualified librarians and 6 technical staff



‘Staff are very helpful . . . they go out of their way to help. 10/10.’

L&IS Survey 2007, Student respondent 638



LRC stock exceeds 1/3 million volumes of printed materials weighing 130 tonnes. This is more than the weight of a **blue whale** or 30 **African elephants**.



Web statistics (www.tees.ac.uk/lis)

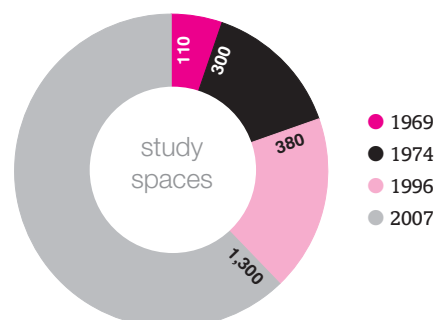
In the academic year 2006 - 07 the LRC website had 1,119,289 visits from people in 103 different countries, an average of 2,772 visits per day. After the UK (which accounted for 1,109,404 visits) the countries accessing the website most frequently were Malaysia (4,200 visits), Greece (1,039), United States (757), Germany (649), Ireland (622), France (222), Sweden (191), Norway (185) and Spain (160).

- In 2007 over 270,000 electronic journal articles were accessed.
- On a single day, 13 November 2007, users logged on to the LRC website for more than 3,000 online database sessions.
- On 14 November 2001, the LRC's first electronic book was made available to students from the website. On 14 November 2007 35,677 electronic books were available.
- In October 2007, 955 online database sessions took place between midnight and 2.00am.
- Even on Christmas Day 2007 the LRC home page was viewed 196 times, with 112 people visiting.
- In one year students logged on to the PCs in the building 660,000 times.
- Each year students renew 600,000 borrowed items; 75% of these renewals are done online.

‘The investment the University put into the LRC and its additional computer facilities about the campus assisted my choice. The University was willing to invest heavily in modern teaching practices and cater to the students’ needs for computing facilities.’

Amy Barton, MSc Forensic Investigation, 2005,
Lecturer, Doncaster College

more than **7.8 million** visitors have come through the door



The history of the service

1929



Constantine College, home of the library
1929 - 67



Middlesbrough Tower
1967 - 69



Extension to the Tower
1969 - 77



Waterhouse Building housing
the Arts Library 1974 - 77

Chief Librarians

1929 - 37

Library supervised by a member of office staff

1937

First full-time librarian (who also worked on college administration)

1958

Mr W Dent ALA

1959 - 61

Miss G Worthington ALA

1962 - 66

Mr P Byrne ALA

1967 - 70

Mr Ken B Swallow ALA

1970 - 72

Miss Alma Cuthbertson BA FLA
(Acting)

1972 - 86

Mr Ray Moss MPhil FLA MInfSci

1986 -

Mr Ian Butchart MSc BA PGCE
MCLIP

Early days: the opening of Constantine College in 1929

The library service dates back to the earliest days of Constantine College, which was opened in 1929 as an establishment to train workers for local industries. At that time the college had 36 full time students, 48 part time day and evening students and 1,246 evening students. By 1937 the Principal, Harold V Field, was calling for improvements in the library, which at that time was only open for two hours each day. Although prospectuses from the time imply that the library was a valuable resource there isn't much evidence that it played a major role in college life. In one early prospectus four lines are devoted to library facilities, and 12 to 'accommodation for hats and coats'!

The official opening in 1930 by the Prince of Wales, the future King Edward VIII



Copyright: Sotheran Archive, Redcar

Expansion in the 1960s

As local industry boomed in the post-war years, so the college expanded. Library stock increased to reflect the Constantine's teaching programme which focused on mechanical, electrical, structural and civil engineering, science, metallurgy, mathematics, commerce, languages and management studies.

As the decade progressed the library had to move several times into larger accommodation. First a student reading room was acquired on the second floor of the Constantine Building. Then, in 1967 the library moved into two (later three) rooms on the fourth floor of the new multi-storey building (now the Middlesbrough Tower). By 1969 a further relocation was necessary, to the building on stilts jutting out from the multi-storey building. The accommodation comprised three main areas over two storeys; however even this was barely adequate for the stock of 23,000 books and 650 journals.

In 1969 the college became Teesside Polytechnic under the control of the Cleveland Local Education Authority.

'Sorry I have no memories of the library, but have many happy memories of Joe Hunt and his band at college dances - in hindsight perhaps my priorities were a little questionable!'

R W J Price, Engineering Cadets
Group II, 1943 -1946, retired engineer

1997



Flatts Lane Centre
1978 - 97



Teesside Polytechnic (then University) Library
1977 - 97



Current building
1997

Challenges of the 1970s

Relocation was becoming a way of life for the library staff of eight. In 1970 further space was acquired in the Waterhouse Building to house law materials. By 1974 library accommodation had reached crisis point, and the decision was taken to divide into two: an Arts Library in the Waterhouse and the Science Library which remained in the existing premises. Over the years to 1977 the library expanded further into the Waterhouse, ultimately occupying 17 rooms on three floors, and with no lift!

Alma Cuthbertson, a member of library staff between 1968 - 92 said, 'The constant moving of books between and within libraries in vacations to generate more room and re-space stock was hard for teaching staff to understand – they seemed to think we were indulging in some kind of esoteric ritual peculiar only to library staff.'

Hope was on the horizon in the shape of a proposed purpose-built library, due to be erected in two phases in 1977 and 1981. However, a challenging economic climate meant that a moratorium was placed on further polytechnic building. As a result only Phase One of the library (now the Student Centre) ever materialised. It was half the size of the original design and contained less floorspace than the libraries it replaced.

In 1978 the Polytechnic merged with Teesside College of Education, resulting in the Chief Librarian also becoming responsible for a library on the Flatts Lane site.

Despite the best of intentions, the library was struggling to adequately support the Polytechnic. This was highlighted by the Council for National Academic Awards (CNAA) in 1978 which reported that the library had ten too few staff, an inadequate bookstock and a building which was too small. ➔

'The LRC is a fantastic resource - it has always met my student needs. The staff are wonderful too.'

L&IS Survey 2007, Student respondent 836





The start of the IT revolution: the 1980s

The outcome of the CNAA visit was that an extra £200,000, equivalent to 25% extra stock, was made available for library spending, and extra staff recruited. Solving the problem of a too-small building was less straightforward. Study spaces were cut by 70 to make room for the increased number of journals, and the car park underneath the library (a two-storey building on stilts) was enclosed to make a store for older material.

The 1980s saw the first real progress in terms of automation. Lacking the funds to buy an automated library system or employ a computer programmer, Peter Brophy, the Deputy Librarian (1977 - 83), managed to acquire a Prime 250 minicomputer, learn its assembly language and write a library system in COBOL, known as TEAL (Teesside Automated Library System).

Peter Brophy said, 'I also acquired the money to buy some terminals and some large spools of cable and personally wired the building, because no-one in the Poly could understand why the library would need a technician. After I left I was always scanning *The Times Higher Education Supplement* for news that the library had burned down due to faulty soldering!'

This allowed the circulation system to be automated, and the card catalogue to be copied on to a database which could then be produced as microfiche and updated regularly. Colin Storey, Chief Cataloguer, (1979 -84), said, 'I remember spending one happy day throwing away the card catalogue which I and many others had spent years filing into.'

In 1980, for the first time, information librarians were able to use dial-up technology to do online literature searching for staff, albeit at £25 a time. By 1988 technological advances allowed users to search digitised databases for themselves via CD-ROM. Microfilm, used for storing copies of old newspapers, was also replaced by CD-ROM.



Pictured at a recent conference in Hong Kong, from left to right, Peter Brophy, Deputy Librarian, (1977 - 83), now Professor of Information Management, Manchester Metropolitan University, and Colin Storey, Chief Cataloguer, (1979 - 84), now the University Librarian of The Chinese University of Hong Kong

Rapid progress in the 1990s

In 1992 the Polytechnic was awarded University status.

The pace of technological advancement speeded up; TEAL was replaced by a bought-in system called Talis, online databases increased and the internet became a major source of information. With the changes came the recognition that library users required more help to make the most of the vast range of electronic and print information sources available. Printed guides, induction and information skills sessions became increasingly a focus of staff attention.

The most significant development, however, was the opening of the new LRC (the name change reflecting the developing nature of the library and its services) in 1997. At last Teesside had a state-of-the-art library, containing 1,300 study spaces providing a range of study provision from individual carrels to group rooms, 350 electronic workstations and two multi-media PC labs. Information points on all floors made access to staff much easier for users.

Shortly after the LRC opened the Flatts Lane site of the University closed and the library stock and staff moved into the new building.

Into the new millennium:



The services of the LRC are constantly evolving to keep pace with the growing agenda of the University, developments in IT, and the changing study habits of students.

Remote access to many of L&IS sources of information is now available via its website (www.tees.ac.uk/lis). Not only is this more convenient for the majority of Teesside students who have internet access from home, it is also an essential service for the growing numbers of off-campus students in this country and overseas. These students are regularly visited by L&IS staff for information skills education, and are eligible to use the postal loans service.

CD-ROMs have given way to internet-based online information services, and the LRC now holds 160 online databases for literature searching. Electronic books and journals are becoming an increasingly important part of the LRC's collections. From 100 e-book titles in 2005, the LRC's holdings mushroomed to an incredible

35, 677 in 2007. In a bid to give students greater flexibility using the LRC's services, several self-service facilities have been introduced. Users can now issue and return their own books, and reserve or renew items via the My Account section of The Catalogue, which also gives access to users' loan histories. Opening hours of the LRC have been extended to include self-service hours early in the morning and late at night, helping the increasing numbers of part-time and working students to study when it's convenient for them. Course reading lists are accessible electronically to students and have a link to The Catalogue to check for item availability. Currently 1941 lists are available in this way itemising 48,326 books and journals.

1 Student using laptop to access the internet via WiFi

2 Kian Cremer, first year psychology student, using the MyPrint system

3 One of the group study PCs

4 MSc student Paul Ivorra using the self-issue system

5 Some of the University's health students based at Universiti Teknologi Mara in Petaling Jaya, Malaysia

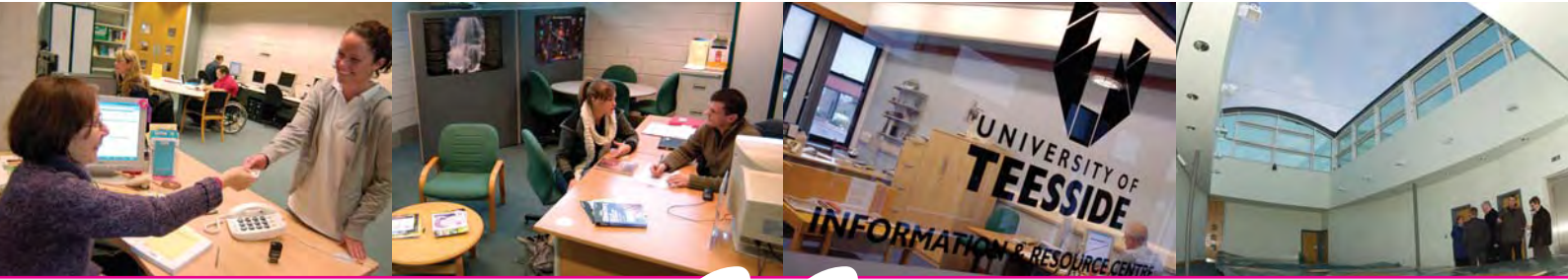
The balance of study spaces in the building is reviewed regularly to give students a wide and useful range of study areas. Recently a cluster of silent study PCs was introduced as well as 12 group PCs where students can work around a computer together.

Since 1997 almost 400 student PCs have been replaced twice, with regular upgrades carried out in-between. Printing can be sent from the PCs to the MyPrint stations, which also have facilities for photocopying and scanning, all for a cheaper rate than the cost of photocopying in the pre-1997 library. A wireless network is now available to students who wish to use their laptops to access the internet in the LRC.

'The Learning Resource Centre was a great help during my studies. The opening hours make it possible to work until late at night when needed.'

Silje Berthelsen, BSc (Hons)
Information Technology, 2003
Process & Technology Development
Manager, DSG International

Did you know ...



Archives and special collections

The LRC possesses several archives and special collections. The major ones are the European Green Party Archives, the Trincomalee Trust Archive, the playwright Wally K Daly's archive and a collection of literature on fascism.

In 2004, the Department for Education and Skills, attracted by the L&IS's open access policy and mix of resource formats, funded a Skills for Life Resource Collection in the LRC. The collection brings together books, CD-ROMs, audio and video tapes, research papers, journals, and equipment for teaching adult literacy, language and numeracy.

Wilton Information Resource Centre (IRC)

In 2000, the University of Teesside took over from ICI the management of the library based in the Wilton Centre on the Wilton International Site. The purpose of the IRC is to help staff from subscribing businesses access information for research and learning. The support of the LRC is available to its users through IRC staff.

DaSLD (Disabilities and Specific Learning Difficulties) service

At the outset the LRC was designed with accessibility in mind. It incorporates hearing loop facilities and lifts to all floors, along with a suite of specialist equipment and assistive technology for students with disabilities. Dedicated staff offer individual support to the University's 380 registered students with disabilities and specific learning difficulties.

DISSC (Drop-in Student Skills Centre)

Academic tutors from each of the University's Schools work in DISSC to provide students with additional help with study or writing skills, mathematics, IT and SPSS, a statistical package for social sciences.

'The LRC was a great environment to study in, with loads of computers, rooms to hire for group study, silent study areas and lots of learning resources, both online and to hand. The building itself is very modern, light and spacious and has a very friendly atmosphere.'

Heidi Hatfield,
BA (Hons) Public Relations, 2004
Account Executive, BGB
Communications

1 Disabilities and Specific Learning Difficulties (DaSLD) assistant Julie Taylor helps final-year physiotherapy student Gillian Rooney. In the background is Marc Lambert-Clarke

2 Third-year occupational therapy student Sarah Benson receives some help from Drop-in Student Skills Centre (DISSC) tutor Bill Angus

3 Wilton Information Resource Centre

4 On 8 January 2005 severe weather hit the North East, causing part of the LRC roof to blow off

Awards

The LRC was awarded the Royal Institute of British Architects' Regional Architecture Award in 1998. In the same year the LRC received the Special Environmental Award in Middlesbrough's Green Building category.

The LRC's Library & Information Services Induction Guide won the Gold Award for printed publicity material from the Publicity & Public Relations Group of the Chartered Institute of Library & Information Professionals in 2005.

Each year the L&IS gives the Butterworth John Buckley-Atkins Memorial Prize, awarded for outstanding application of legal skills, to a final-year law student. John Buckley-Atkins, who died in 1991, was a long-serving member of library staff with a particular interest in law.

Staff

In addition to the 105 staff posts in the LRC, 20 students are employed each year as LRC advisers to help maintain an environment conducive to study.

Severe weather and the LRC

Despite the fact that severe storms blew the roof off the LRC on 8 January 2005, making the national news, the building was only closed for three days for emergency repairs before re-opening to students.

Into the future

In considering the future of libraries it is tempting to follow the lead of Mark Twain who, when asked about the future, responded, 'I was gratified to be able to answer promptly. I said I didn't know.' Indeed according to former US Secretary of Education, Richard Riley, 'The top ten jobs that will exist in the year 2010 do not exist today. We are preparing our students for jobs that don't exist, using technologies that haven't yet been invented, to solve problems that we haven't even considered yet.' (3 July 1999).

As little as we know about the future for which we are preparing our students, it is clear that it will be a place that is governed by information. Accessing, processing, building with, and communicating that information is how we will all make our livings.

It is generally agreed that the function of a library is the collection, preservation, organisation and use of information documents. It is the documents concerning one medium, print, that have until recently dominated the operations of most libraries. However, in considering our future role in supporting the University we recognise that technology will be a powerful driver for our services. In particular the web will continue to develop as a major facility for delivering learning resources and information services. One example of this is that in one month, August 2007, about 750 million people worldwide over the age of 15 conducted a search on the internet. Of the 61 billion searches conducted worldwide, 37.1 billion were from Google. Yahoo served 8.5 billion searches globally, Chinese-language search engine Baidu.com served 3.3 billion, and Korea-based NHN served 2 billion searches.

L&IS is developing the concept of the electronic library which will provide a

means of integrating text, data, image, audio and video resources. These resources can then be organised and delivered across a network to our users wherever they are located and whenever they need them.

Being literate in this future will certainly involve the ability to read, write and do maths. However it will be critical that our students:

- have the information skills to access information that is a mouse click away but also recognise the value of the wealth of recorded knowledge in books
- have the critical thinking skills to distinguish between good and bad information sources
- be confident that they will be fully supported by highly skilled professional librarians who can help them to explore the rich world of information sources.

'Today knowledge has power. It controls access to opportunity and advancement.'
Peter F Drucker

Ian C Butchart



'The LRC is what I would call the 'hub' of the University, providing an extensive range of books, journals and many online information resources. With helpful staff to guide people, the LRC certainly provides a very well-stocked range of information and is an essential part of the University.'

Chris Fegan, BA (Hons) E-Business, 2005,
Online Marketing Manager, Scarborough Building Society



Contract statistics



Contract Details

University of Teesside

Design Team

Project Manager

Turner & Townsend Project Management

Architect and Contract Administrator

FaulknerBrowns*

Structural Engineer

Ove Arup & Partners

Mechanical and Electrical Engineer

Ove Arup & Partners

Quantity Surveyor

Turner & Townsend Chartered Quantity Surveyors

Planning Supervisor

Turner & Townsend Management Systems

Landscape Architects

Glen Kemp Hankinson

Main Contractor

Shepherd Construction Ltd

Furniture Supplier

Project Office Furniture plc

Accommodation Information

supplied by Turner and Townsend 1997

→ Gross Floor Area 7585m²

Useable Floor Area

→ Offices 521m²

→ Archives 58m²

→ Seminar/Meeting/Study Rooms 402m²

→ Disabilities and Specific Learning Difficulties 20m²

→ Reference Area/Bookstack 314m²

→ Shortloan Area 136m²

→ Staff Accommodation 479m²

→ Bookstack 1708m²

→ Reading/Study Areas 2343m²

Total 5981 m²

Balance

→ Energy Centre, Plant Rooms, WCs

→ Kitchens, Stores, Lifts, Stairs

→ Circulation Areas 1604m²

Total 7585 m²

FLOOR TO CEILING HEIGHT 3.3M

- Bookstack Shelving: New 6680m
- Existing (refurbished) 4842m
- Electronic Workstations 437
- Reader Tables 870
- Chairs 1285

Critical Dimensions

- Structural Grid 6.5m x 6.5m/7.2m
- Floor to Floor Height 3.6m
- Floor to Ceiling Height 3.3m
- Floor Loading (Bookstack areas) 5KN/m²

Services Information

- Internal Ambient Air Temperature: Winter 21°C / Summer 24°C
- Relative Humidity: 30-70%
- Fresh Air System: 21 litres/second/person
- Illumination: Base of Shelves 100 lux
- Readers' Table/Electronic Workstations 500 lux
- Sound Level NR35

FLOOR TO FLOOR HEIGHT 3.6M



Library & Information Services would like to thank staff and students, past and present, who have contributed to this brochure.

Written and edited by Valerie Sonley

Library & Information Services

Tel: 01642 342100

Email: lisenquiries@tees.ac.uk



**UNIVERSITY OF
TEESSIDE**

MIDDLESBROUGH TEES VALLEY TS1 3BA UK

TEL: 01642 218121 FAX: 01642 342067

www.tees.ac.uk

80% recycled

When you have finished with
this brochure please recycle it