This year’s report examines Welch’s role in the Johns Hopkins Medical Institutions research:

1. How the information services we offer support research conducted here
2. Our own research on new library services and new and more effective service roles
3. Welch’s efforts to facilitate the exchange of research outcomes at Hopkins and from Hopkins to the larger, global research and practice community
INTRODUCTION

In 1876, at his inauguration as the university’s first president, Daniel Coit Gilman said, “What are we aiming at? The encouragement of research… and the advancement of individual scholars, who by their excellence will advance the sciences they pursue, and the society where they dwell.” Put more succinctly, today the mission of the university is “Knowledge for the World.”

The Welch Library’s mission is to support the research, teaching and patient care of the Johns Hopkins Medical Institutions (JHMI) through excellent information services. Drawing upon user needs assessments by staff, feedback from Welch users, changing work flows and environments, and opportunities presented by emerging technology, Welch investigates new services, new information roles and new approaches to information delivery, always with an eye to improving our existing services.

In 2008–2009, Welch services and initiatives ranged from systematic literature reviews to curriculum design to tools that facilitate research collaboration. Liaison librarians were increasingly visible, more frequently engaged with users and more often becoming members of research teams. Since March, 2009, Welch has been conducting user surveys, in conjunction with the JHU Controller’s Office and the Milton S. Eisenhower Library. Though still being collected, preliminary data indicate that sponsored research accounts for 28% of the use of the library’s electronic resources and 34% of visits to the Welch library.

Welch will continue to serve all its constituents as they go about their research, clinical, and educational activities; this report documents the range of our activities while focussing on research. In the library, as throughout Hopkins, the research we do can contribute to innovative approaches for Hopkins and indeed the world.

Nancy K. Roderer, Director
SUPPORT OF HOPKINS RESEARCH

Welch informationists are library professionals who provide research and knowledge management services to health professionals in their respective disciplines and at their bio-medical or clinical research sites. Informationists are becoming the conduit for research support.
Informationists’ skills and Welch’s collections provide deep and broad information resources for Hopkins researchers. Steadily increasing contact with departments and teams has led to Welch staff working collaboratively on research projects as well as providing targeted support for other projects and research. With additional informationist staff hired in the past year, Welch has not only increased the amount of general service it provides to the Hopkins community but increased its direct support of research activities as well. The increases are reflected in the table below.

**Specific Research Project Collaborations**

**SEARCHES AND DATABASES**

Welch informationists provided searching and initial database creation to address The Global Burden of Disease from Streptococcus pneumonia (SP, pneumococcus) and Neisseria meningitidis (Nm, meningococcus) Among Older Children and Adults research project. This inquiry is the work of an 18-person PneumoADIP research group, headed by Orin Levine, PhD, and affiliated with the Bloomberg School of Public Health’s International Health Department. Informationists also searched grey literature sources and identified Chinese language literature sources, expanding the scope of the review’s coverage.

This research group, in partnership with the Centers for Disease Control and other research entities around the world, has also engaged Welch informationist expertise for a systematic review of the immunogenicity for pneumococcal conjugate vaccine (PCV), and will analyze the published literature on the vaccine and dosing schedules as they relate to impact on disease.

**COMPREHENSIVE LITERATURE REVIEW**

As a result of informationist staff having office hours in the Division of Endocrinology and Metabolism, informationists joined a research collaboration to identify prevalence and incidence rates for all endocrine and metabolic disorders in the U.S. This collaborative project consisted of a comprehensive literature review (later published) and ultimately a searchable database.

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<tr>
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<tr>
<td>Total contacts</td>
<td>910</td>
<td>1,011</td>
<td>2,990</td>
</tr>
<tr>
<td>Contact hours</td>
<td>1,309</td>
<td>1,638</td>
<td>5,108</td>
</tr>
<tr>
<td>Research contacts*</td>
<td>35</td>
<td>55</td>
<td>337</td>
</tr>
<tr>
<td>% of total contacts</td>
<td>3.8%</td>
<td>5.4%</td>
<td>11.3%</td>
</tr>
</tbody>
</table>

* Contacts resulting in the provision of information to support a research grant or specific research project.
Informationists participated in all levels of the research process: performing literature and other information searches and revisions, review of eligible articles, synthesis and data abstraction. Funded by The Endocrine Society, this project is believed to be the first research of its kind to have comprehensive data on its disorders in one place, which may benefit the endocrinology/metabolism field at large.

**SCHOLARLY OUTPUT ESTIMATE**

By searching key database sources, for a second year informationists provided to the acting provost an estimate of the total scholarly output of the Johns Hopkins University.

**IDENTIFICATION AND INVESTIGATION**

Working in the Department of Physical Medicine & Rehabilitation, Welch informationists identified and investigated manufacturers and distributors of gloves, fasteners, and other devices similar to gloves, as well as patents held in this area. This information supported research by instructor Edward Land in the construction of a Nitinol smart-metal glove for stroke patients with permanently clenched hands.

**PRACTICE GUIDELINE**

Welch informationist staff are collaborating with Neurology faculty to produce a new clinical practice guideline for the American Academy of Neurology, on assessing generic antiepilepsy drugs. In addition to providing the literature support for the guideline, staff created a citation management database for use by the group.

**Library Services/Collections in Support of Research**

**COLLECTIONS AND ACCESS**

Electronic Resources. The Digital Library Services Department (DLS) continues to support the JHMI user community by increasing the number of resources available electronically. This last year two new databases were added, approximately 2000 new book and online video titles were added and 45 new online journal subscriptions were begun. Some notable additions to the collection include BioMed Central.

DLS provided further research support through the purchase of publisher backfills. Among last year’s additions were backfills to the Cold Spring Harbor Symposium, Mary Ann Liebert journals, and Wiley. To increase departmental efficiency, essential reference files for the department were created and stored on the library intranet.

Use of electronic resources continues to affect physical use of the library. The number of people visiting the Welch building was down six percent from last year, but use of the other library sites was up, with total use up nearly seven percent. More of the people coming to the library asked for assistance, raising reference activity by five percent. Use of electronic reference services, however, has decreased by eleven percent; this decline requires further analysis.

Print Materials. Circulation of print materials continued to decline, down eleven percent from the previous year. Reduced use of the physical plant allows Welch Service Center staff to expand their support of other library operations. Staff participated in the library’s education program and this year several staff members provided clerical assistance for the NN/LM project. Service center staff continue to update the information slides for the Broadway Research Building plasma screens and assist with document delivery requests on the weekend.

Centralized Collection Management. Centralized collection management with the Milton S. Eisenhower Library continued this year. Bibliographic, vendor, contact and licensing details were entered into the Hopkins-wide Electronic Resource Management System (ERM), improving efficiency and identifying duplicate subscription charges. Detection and removal of such charges saved Welch approximately $100,000 this year, allowing the library to purchase additional new materials. This year Welch loaned more than it borrowed, so the Interlibrary Loan Department produced a credit of $50,000—more than sufficient to pay the library’s ILL fees.
A particularly notable resource added this year is the Quosa Information Manager. Quosa is a document and search results management and storage tool, allowing researchers to automatically download PDFs from PubMed and other databases. Once downloaded, the PDFs can be organized, searched, and exported into citation management software such as EndNote or RefWorks in a copyright-compliant manner.

Integral to the support of research are demonstrations for faculty, students and staff of library resources and instruction in how to use them efficiently. This last year 40 classes were offered on topics such as PubMed: Search like a Pro, Finding Funding for Your Research, and RefWorks. In all, 427 people attended these free, hands-on classes.

In addition to classes, Welch library has an active free lecture program. Lectures are held in various auditoriums across campus in the Schools of Public Health, Medicine and Nursing, on topics including Grant Writing, RefWorks, Life beyond PubMed and Quosa. These lectures introduce available resources to the academic and research community. Nineteen lectures were given; total attendance numbered 225.

The Scientific Writing and Editing program continued with four graduate level tuition-based courses on manuscript writing, and also free classes on Introduction to Grant Writing, Planning and Writing the Biomedical Research Paper, and Writing Effective Abstracts. These courses have proved quite popular on campus; they are always booked to capacity and have a waiting list.

School of Medicine. The Welch informationist working with medical students, medical education faculty and staff has been participating in the Transitions to the Wards (TTW) course planning committee since March 2008. TTW will be part of the new Genes to Society medical school curriculum to be fully implemented in 2011. Welch Library has a significant stake in this course as it will become the touch point within the School of

<table>
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<tr>
<th>Selected Education Statistics</th>
<th>2007/08</th>
<th>2008/09</th>
</tr>
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<tbody>
<tr>
<td>Classes</td>
<td>43</td>
<td>40</td>
</tr>
<tr>
<td>Lectures</td>
<td>23</td>
<td>19</td>
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<tr>
<td>Other educational offerings*</td>
<td>265</td>
<td>548</td>
</tr>
<tr>
<td>Total Education sessions</td>
<td>331</td>
<td>607</td>
</tr>
<tr>
<td>Number of attendees</td>
<td>2,913</td>
<td>3,966</td>
</tr>
</tbody>
</table>

*Orientation sessions, brown bag presentations, curriculum instruction, invited lecture presentations
Integral to the support of research are demonstrations for faculty, students and staff of library resources and instruction in how to use them efficiently.

TOTAL EDUCATION SESSIONS

2007/08
331

2008/09
607

Medicine curriculum where informationists will teach these topics:

» information literacy
» resource selection
» searching skills
» information management
» effective workflows for research
» point-of-care information needs
» lifelong learning

Still in development are approximately six hours worth of learning time devoted specifically to library information/researching skills topics. At least two hours of face-to-face instruction will occur in the teaching labs in the new Armstrong Medical Education Building, where all clinical informationists will participate by leading small group, hands-on exercises. The course’s Evidence-Based Medicine/critical appraisal and clinical decision-making components then will integrate library and research skills, and provide further opportunities for students to practice and demonstrate their proficiency via clinical decision-making exercises.

School of Nursing. After discussion with the Baccalaureate Curriculum Committee, informationists collaborated with the coordinators of the Nursing Trends and Issues course to offer a module on library resources and searching skills. Offered for the first time in June 2009, this module consisted of a one hour lecture on library resources and a one hour hands-on lab practicum. An additional lab practicum was offered for students to further refine their skills and learn to seek expert assistance. Informationists continue to be invited to give lecture/lab presentations for graduate and doctoral classes.

School of Public Health. In 2008-2009 the initial two-day Masters in Public Health (MPH) student orientation was restructured substantially and no longer included a one hour library presentation. Informationists then instituted voluntary hands-on sessions for new MPH students in July and August. Five sessions were held, reaching 103 students. Subsequently, negotiations with the MPH office resulted in the inclusion of the hands-on session for 2009-2010 in the for-credit introductory class to be held in July, 2010.
Informationists continue to provide integrated presentations on information literacy in various master’s and doctoral programs including International Health, Health Services Research, Health Policy and Management, and Health Behavior and Society.

**MOBILE COMPUTING**
The Mobile Computing Committee developed a database-driven subject guide for mobile computing. This guide can also categorize the products by platforms—especially helpful for users wishing to locate quickly the mobile product they need.

**INTERNET SERVICES**
Usability of the Welch Web site continued to be a priority of the Internet Services Committee. To help visitors find the library, the Google Maps feature was embedded in the hours and location area of the website. Drupal, a content management system, was introduced to staff members for use in digital information portal development. Additionally, in conjunction with ATIS, the committee integrated all internal library web applications into the library’s intranet portal.

**INSTITUTE OF THE HISTORY OF MEDICINE**

**Medal Collection.** Aside from their aesthetic value, medals have long held a special position in the history of medicine, celebrating outstanding physicians and events through the centuries, and documenting the activities of institutions and people. The Historical Collection includes a fine group of medals with significant JHU history. Along with medals honoring medical greats, such as Vesalius and William Harvey, the collection contains many diverse items, e.g., an admission token to a 18th century Dutch “physick garden,” a medal celebrating the work of an 18th century French midwife, and medals struck in remembrance of numerous epidemics and vaccination campaigns.

In 1944, Professor Henry E. Sigerest, Chair of the Institute, asked the Curator of Numismatics at Evergreen House to catalogue the large collection of medical medals in the Historical Collection. Most of the medals, dating from the 16th through the 20th centuries, were a gift from Henry Barton Jacobs in 1930, with others donated by Drs. Welch, Osler, Kelly and other faculty of the School of Medicine. The medals were transferred from the vault in the Historical Collection to Evergreen House and the impressive catalogue, *Medals Relating to Medicine and Allied Sciences in the Numismatic Collection of the Johns Hopkins University*, was published in 1964.

It was assumed that the medals had been sold with the University’s Garrett coin collection, in a number of auctions from 1976 to 1985. Actually, the Institute’s medals had been sitting all these years in the coin collection vault in the Garrett Library at Evergreen House. Last year that library’s staff asked to return the medals to the Institute, and in April 2009, 1026 medals were indeed returned. The medal collection of the Institute is now
in the special safe designed to house it in the Historical Collection vault.

**Johns Hopkins Bequest.** In another exploration into University history last spring, the Curator assisted Amy Kimball of the Eisenhower Library’s Department of Special Collections in attempting to discover the past history and current location of books bequeathed to the University by Johns Hopkins. In his will, Johns Hopkins left his residence on Saratoga Street and its contents to his sister, Eliza H. Crenshaw, during her lifetime; at her death, they were to be given to the Johns Hopkins Hospital. Johns Hopkins had acquired the “educated gentleman’s” library of Baltimore physician Dr. Patrick Macaulay (1795-1849), which included literature, history and other general works along with medical texts. In the 1950s the medical texts were transferred to the Welch Library and these volumes are located in the Historical Collection in a special “Private Library of Johns Hopkins” collection. The rest of the books had been housed in the Board Room of the Hospital but were dispersed sometime in the 1960s.

**Image Databases.** During the spring semester, the Historical Collection hosted a project for Professor Stuart Leslie of the Department of the History of Science and Technology at the Homewood campus. A student of Professor Leslie’s added more than two hundred new pictures and catalogue records relating to the history of hospital architecture to the image database maintained by the Department of Art History at Homewood. The Historical Collection now has almost a thousand catalogued images relating to medical history in the database available for academic use by Hopkins faculty and students.

**Projects.** In the fall, the Curator processed the recent gift of the papers of Paul Farr Russell given to the Historical Collections by his son. Dr. Russell (1894-1983) had been a field officer with the Rockefeller Foundation for many years and a consultant to the World Health Organization on malaria.

In May, the department assisted Dr. Ralph Rhuban, of the Department of Pathology, with locating pictures and books to be photographed for a documentary he is producing on the life of Dr. William S. Halsted, the first Professor of Surgery at the Hopkins School of Medicine.

**DIVISION OF HEALTH SCIENCES INFORMATICS**

The Library continues to work closely with the Division of Health Sciences Informatics (DHSI) and to participate in joint research and training activities. Three Welch staff members are also faculty of the Division.

This year DHSI expanded its educational offerings by instituting a one-year applied informatics master’s degree, approved in Spring 2009. Of five applicants, two enrolled for the Fall semester. While overlapping to some degree with the research informatics programs already in place, this program targets the greatly expanding need for informatics practitioners that comes with expanded requirements for electronic health information systems and information exchange. The Division’s research informatics programs continue their strong focus on the informatics needs in public health settings and in public health research.
Welch staff continually search for more effective ways to serve library users, new services to offer and demonstrations of library service utility. The following library research projects reflect that search.
Library Research Projects

NATIONAL NETWORK OF LIBRARIES OF MEDICINE (NN/LM) GRANT

Two Welch informationists participate in the funded research project: *Current State of Access to the Licensed, Professional Literature for Public Health Professionals across the Country*. The project, funded by the NN/LM, will be completed in October 2009. It will produce a list of existing regional and state programs that provide electronic access to full text, high quality, professional literature for public health practitioners and serve as the basis for testing models of improved access to the scholarly literature for public health practitioners.

CAREERS IN HEALTH INFORMATION, LIBRARIANSHIP, AND INFORMATICS

Welch continued its participation in the Careers in Health Information, Librarianship, and Informatics (CHILI) grant project. Anticipated outcomes of the grant are 1) to introduce more minority students to health sciences informatics and librarianship as a career choice, and 2) to identify best practices for recruiting minority students into health sciences librarianship. As in previous years, Welch hosted interns from three Baltimore City high schools. During their six weeks in the library, the students observed library committees and staff, assisted at service points, helped with library projects and met with staff to learn about health sciences librarianship.

Connected with the CHILI project is Welch’s continued participation in the Dunbar/Hopkins partnership. This year Welch staff met with several classes in the spring, conducting sessions in effectively searching the internet for information.

INFORMATION PRESCRIPTION (IRx)

Welch has recently completed a large NLM-funded R01 grant to evaluate whether the provision of specialized library services can improve patient satisfaction with the information they received in their visit to Hopkins. The services provided were a tailored web site and access to a patient librarian. The study, a controlled clinical trial, was conducted at two sites: the adult outpatient breast cancer clinic and the inpatient neonatal intensive care unit (NICU). The study also looked at provider perceptions of the service.

The most striking findings of the study were that NICU parents who had access to the specialized services reported higher levels of satisfaction. This was not the case with breast cancer patients, where there were no statistically significant differences. Results of this study suggest a need for further research with different hospital services; results will be shared with Hopkins groups working in patient education.

EDUCATION

The Education Committee began a benchmarking project to compare the Welch education program with peer institutions’ library education programs. Committee members examined peer health science library websites and presented their findings. As a result, 1) two new topics, Google Tools and Citation Searching, will be added to the 2009-2010 education schedule; and 2) class periods were standardized to two hours. The next step will be a survey of the peer health sciences libraries seeking more detailed information such as attendance policies and class fees.

Staff education is essential to the provision of excellent information service. The Education Committee began a Welch staff education program this year, providing resource education sessions on topics such as “Troubleshooting RefWorks,” and databases such as EMBASE and Web of Science. The committee also expanded content on the Welch Intranet Portal, creating areas for staff to upload and more easily share education materials for classes and lectures.
Ongoing evaluation and assessment of library services is critical to ensure that the library continues to provide excellent information services.

**ASSESSMENT**
This year the Assessment Committee completed its implementation of monthly and semi-annual statistical datasheets, providing to all staff members an ongoing snapshot of activities such as electronic journal use, web site hits, circulation, and informationist services. The committee has also begun to set standards for identifying the accomplishment of action plan goals.

**COMMUNICATION**
Offering excellent services and resources is only part of the library’s job; Welch must communicate to the campus what the library has to offer. The Communications Committee fills this role. Their efforts cross library departmental boundaries and help the library accomplish its mission.

The “I Love the Library” campaign continued this year, giving library users a place to share their experiences with library services and continuing to demonstrate the value of the library to the community. The committee continues to handle publicity for the Education Committee, designing and publishing information brochures, and to advertise special events such as the Willinsky lecture and the roll-out of Collexis.

**ATIS PROJECTS**
Advanced Technology and Information Systems (ATIS) staff assist the library’s research support activities; The department also conducts their own research with the aim of improving library services and resource offerings. The Welch Library web site is the primary library vehicle for sharing with the community the resources and services Welch has to offer. Also important is the MyWelch portal, which continues to be developed and improved. ATIS maintains the library website and the MyWelch portal.

Following are highlights of activities and projects that ATIS staff have completed or participated in:

**MultiSearch Interface Project.** In production since January 2009, this application provides the JHMI user community with a search interface that searches across several electronic resources. MultiSearch interface has been integrated in the MyWelch environment and may be customized or

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**MULTI-SEARCH INTERFACE PROJECT (SEARCHES PER MONTH)**

<table>
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<tr>
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<th>Searches per Month</th>
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<tbody>
<tr>
<td>February 2009</td>
<td>1,119</td>
</tr>
<tr>
<td>March 2009</td>
<td>1,573</td>
</tr>
<tr>
<td>April 2009</td>
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<tr>
<td>May 2009</td>
<td>2,067</td>
</tr>
<tr>
<td>June 2009</td>
<td>1,872</td>
</tr>
</tbody>
</table>
personalized. The MultiSearch interface has become a useful tool in helping JHMI users seek information more efficiently. Since its release, users have conducted more than 1700 searches per month.

Digital Information Portal Project. ATIS continues to collaborate with Welch informationists, and Hopkins faculty, students and staff, to provide Web 2.0 features and facilitate academic collaboration and communication. After testing and evaluating various possibilities, ATIS chose the Drupal software platform for the project. Seamless access to tailored lists of biomedical resources, including journals, books and databases will streamline research, education and the work of clinical practice teams.

Equipped with Web 2.0 interactive features, the Drupal software platforms provide an array of options for each unique portal to allow groups to interact using blogs and forums, and share information with secure file sharing. These electronic systems will allow for more community and intraprofessional collaboration and efficiency of workflows in both clinical and research efforts.

Evidence-Based Medicine. Funded by JHU’s Institute for Clinical and Translational Research, ATIS developed a prototype application that uses the PICO format as the model, and guided menus as the user interface. The application has several functions that facilitate evaluation, communication and collaboration, such as preferred electronic resources selection, search result appraisal, search strategies sharing and reuse, and search history management. The prototype was tested and evaluated by faculty and librarians, and will enter full development and implementation stages in 2009-2010.

Remote Access to Welch’s Electronic Resources. the ATIS team developed an EzProxy-based remote access mechanism that lets users access Welch’s electronic resources from home, office or on the road.

ACTION PLANNING COMMITTEE (APC)  
Again this year APC monitored the library’s progress through the steps necessary to accomplish its ultimate purpose: implementing the Action Plan. The committee radically revised the document that guides these steps, consolidating goals and objectives, and clarifying tasks. APC gave the Assessment Committee the task of articulating methods and standards for judging satisfactory accomplishment. The new document greatly clarifies individual members’ reports of measurable progress toward their respective goals and objectives, and permits quarterly checks of progress.

During the three years in which the Action Plan has been in effect, members felt it had been helpful in implementing the changes recommended by the architectural study of 2002, particularly in these ways:

» Welch’s vision for itself is clearer.

» More library functions can be described numerically (e.g., number of hours spent by informationists with researchers, number of requests for print documents, etc.) and thus can be used for evaluation and progress reports.

» It is easier to see what has been accomplished by comparing past tasks shown on matrices with current practice.

» Library communication—internal and external—has improved.

» No one on staff is unaware of the significant changes in the library—past, present and future.
Research includes the business of sharing outcomes—among colleagues within a project, among researchers in the same field, among health science researchers and practitioners around the globe. Welch staff work to make such sharing easier and faster, bringing knowledge to the world.
Scholarly Communications

During the fall semester 2008, The Sheridan Libraries and Hopkins’ Scholarly Communications Group initiated the Johns Hopkins Electronic Publishing Project (JHEPP) (http://jhepp.library.jhu.edu). The intent of this pilot program is to set up and administer three open-source electronic publishing systems:

1. Open Journal System
2. Open Conference System
3. Open Monograph Press.

Corresponding to each of these systems will be services offered to faculty, students and staff. Services include:

» management and publication of peer-reviewed serial publications
» management of large scale, peer-reviewed academic conferences
» management of the monographic publishing process.

The immediate goal of the project, as a pilot, is to identify a handful of Hopkins groups wishing to participate, to provide them with the desired system(s), and to help them use the system(s).

At present, two groups are set up in the Hopkins instance of the Open Journal System and one academic symposium group is set up in the Hopkins instance of Open Conference System.

The Scholarly Communications Group invited educator John Willinsky to speak to the Hopkins community in October 2008. The topic of his presentation was “Proprietary Scholarship or Open Access? The New Intellectual Properties of the Library.”

Collexis

Interest at JHU in methods and tools to promote interdisciplinary and translational research collaboration is high. Part of the research process is the identification of other persons engaged in similar activities, in order to share results or initiate a collaboration. Collexis, a subscription tool that facilitates research project collaboration, was selected to support this process. Via Collexis, users can identify JHMI faculty biomedical experts and their publications by area of expertise, based on their published output indexed in PubMed. The JHMI Planning Group for the introduction of Collexis included high-level research administrators from the Schools of Medicine, Nursing and Public Health as well as Welch informationists.
Primary funding for the library is allocated by a series of operational budgets developed annually by the staff and the library director. This funding is distributed using an existing formula incorporating fixed percentages for each institution. Currently, the Hopkins Schools of Medicine, Public Health and Nursing share the cost with the Johns Hopkins Hospital, Bayview Medical Center, Howard County General Hospital and the Kennedy Krieger Institute.

The library also manages several service center accounts and other project-based accounts.
In FY09, personnel costs for library staff accounted for approximately 40% of the expenditures. Collection costs (books, journals, and electronic resources) are nearly 36% of the total budget and the cost for physical plant operations for the main library and all satellite locations was approximately 13%. Other uses are detailed in the accompanying chart.

Note: Expenditure statement includes all institutional appropriations and generated revenue sources.
Welch faculty and staff publish the results of their research to colleagues and peers by means of journal articles, book chapters, posters, lectures and conferences.
Publications


Presentations


Roderer, N. (February 2009). ASIS&T’s Information Professions Project: An Update. Presented at the iSchools Caucus Fourth Annual iConference, University of North Carolina at Chapel Hill, Chapel Hill, NC.


Advanced Technology and Information Systems
Pavel Bolotov
Karl Burke
Changxin (Jack) Chen
Steve Katzen
Kuangyi Miao
Rui Ming
Hong (Lisa) Song
Kim Thornton
Shubin Wang
Fat Tat (Paco) Wong
Dianyang Wu
Dongming Zhang*

Clinical Informationist Services
Blair Anton
Catherine Craven
Susan Fowler*
Victoria Goode*
Christina L. Wissinger*

Digital Library Services
David Bell
Barbara A. Boardley
Monique Burgess
Katharine M. Danko
Gwendolyn M. Ellis
Marsha E. Jolly
Chung Sook Kim
Diane K. McLaughlin
Martha G. Traub
James F. Watson
Barbara A. Watkins
Sue Woodson*
Maurice M. Wright

Information Services Research, Development and Communication
Kate Oliver** *

Finance and Administration
Herman C. Brown
Willard F. Bryant, Jr.
L. Gary Faulkner
Janet L. Jelen
Mary E. Kelley
Nicole Newton
Tony Street
Lyndalea B. Vantine
Brenda L. Wood**

Public Health and Basic Sciences Informationist Services
Donna Hesson
Joseph Martellota
Deborah McClellan*
Lori Rosman
Claire Twose
Katie Vizenor*

Welch Service Center
Lawrence A. Blake
Bobby Burns
Marie G. Esch
Ivy L. Garner
Christopher Henry
Timothy H. Kellam
Alonzo Lamont
Vivian C. McCall
Stella M. Seal
Michael J. Stern
James M. Tucker
Lavinia S. Wiggs

FACULTY & STAFF

DIRECTOR
Nancy K. Roderer

ADMINISTRATIVE ASSISTANT
Barbara A. Todd

SPECIAL PROJECTS
Barbara M. Koehler

indicates staff member hired * since July 1, 2008
indicates staff member who left library during 2008-2009
indicates Faculty, Division of Health Sciences Informatics

Historical Collection
Eliza Hill
Christine A. Ruggere
The following individuals donated books and/or journals to the library:

Mr. Kenji Ayao
Ashwin Balagopal, MD
Eric Bass, MD.
Robert Black, MD
Mr. Lucas Blanco
Alfred A. Buck, MD
Kay Dickerson, MD

The following contributed monetary gifts to the library:

Kelly Family