

**CHEMISTRY LIBRARY  
ANNUAL REPORT  
July 1, 2013– June 30, 2014**

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**1. Major Activities and Accomplishments:**

Provided services to departments, research labs, programs and schools affiliated with the School of Chemical Sciences (Chemistry and Biomolecular and Chemical Engineering). School of Integrated Life Sciences due to proximity to Burrill Hall, Morrow Hall, College of Medicine (UI campus) since Biology Library was closed.

Chemistry and Physical Sciences librarian provides collection services for the following departments based on number of faculty, graduate and undergraduate students, and ICR generated income to campus:

<b>Department</b>	<b>Tenure System Faculty</b>	<b>Graduate</b>	<b>Undergrads</b>	<b>ICR Income</b>
Astronomy	10	22	40	\$337,000
Atmospheric Studies	10	46	70	\$1,196,000
Chemistry	31	314	497	\$6,996,000
Biomolecular & Chemical Engineering	12	100	668	\$1,525,000
Geology	10	33	67	\$1,030,000
Physics	48	257	197	\$5,700,000
<b>Total</b>	<b>125</b>	<b>772</b>	<b>1539</b>	<b>\$16,784,000</b>

The Chemistry Library has been very busy with new services during the past year. We extended our Friday evening hours during Spring Semester because students requested this and DeskTracker statistics indicated that up to 25-30 students were being evicted at 5 pm on Fridays. We extended hours until 7 pm on Fridays and DeskTracker statistics indicate patron **counts of up to 37 people** during this time. The Chemistry Library Faculty Advisory Committee was especially delighted to know this as students were mentioning the early closure time to them as well.

The University of Illinois was selected as the new venue for the **International Symposium on Molecular Spectroscopy** after 69 years at Ohio State University. The

Symposium took place in mid-June 2014. The Chemistry Library was an integral part by working closely with the conference planners. An ISMS community was created on IDEALS and all presentation abstracts were uploaded into the community. Using Chemistry Library Endowment monies, **we established ISMS as a publisher through CrossRef**. After ingestion into IDEALS, **CrossRef DOIs were established**. Over 500 scientists in chemistry, astronomy, physics, and earth sciences attended the symposium. Many colleagues noted that these types of **research and faculty interactions are important to the future of library services**.

Working with a long-standing symposium historian and physicist from Ohio State, the Chemistry Library hosted a display of the 69 year history of International Symposium on Molecular Spectroscopy. New symposium attendees as well as researchers that had attended for a long time all had **positive comments**. Part of the display is a photograph of **4 attending Nobel Laureates**, a 1948 Raytheon Klystron, and 1960 Calcium-Fluorine prism and other memorabilia. Sue Searing, AUL for User Services, generously assisted in purchasing red cloth for the display to represent the contribution of Ohio State University. The display remains in the Chemistry Library. Attendees at the conference utilized the Chemistry Library's resources, equipment and facilities.

Although not specific to the Chemistry Library, the majority of **materials selected** for transfer to the Oak Street facility in preparation for the new **Grainger Engineering Library Design Center was accomplished in the Chemistry Library**. Utilizing monograph and serials holdings spreadsheets, **over 72,000 items were selected** in just over 3 months, **90% of the transfers also took place** during this time in cooperation with the Content Management Services group.

As a result of the new staffing model for the Chemistry Library, the **Physical Sciences and Engineering Division** now **coordinates graduate assistants** and other operational necessities in a cooperative, collegial, efficient approach for training and project development. This helps graduate students in job searches as they have more disciplines and library management experience.

The Chemistry Library again showed even more increasing numbers of patrons for the year. During the Fall 2013 semester there were **between 1500 and 2000 patrons each week** in the Chemistry Library. As part of the LibQual Survey done during the past year, several comments indicated that the Chemistry Library is **being utilized by** many students, staff and faculty from the **School of Life Sciences** due to the proximity to those departments. Since the closure of the Geology and Biology Libraries, the Chemistry Library is **the one remaining science Library** on the Main Quad.

## 2. Review of Major Challenges:



The most significant challenge is that the Chemistry Library is now managed by the **subject specialist for astronomy, atmospheric studies, chemistry, geology, and physics**. Since four of these collections are housed in the Grainger Engineering Library, it is often difficult to staff the Chemistry Library with **one staff member**. Fortunately the Chemistry Library's one staff member is reliable, refers questions accordingly, supervises students well and is rarely absent or takes vacation time. Previously the Chemistry Library operations had a librarian whose responsibility focused on singularly on Chemistry and Chemical Engineering. That operational function has changed as geology, physics and astronomy subjects were merged into the Chemistry and Physical Sciences Librarian position. The Chemistry Library has very **limited staff** even during **regular Monday through Friday** business hours.

Related to this, in the past the Chemistry Library student wage allocation (\$11,633.00) was supplemented by the Division Coordinator graduate assistant/hourly allocation (\$7808.00) as an arrangement between Tina Chrzastowski and Paula Kaufman. In **February 2014**, the Chemistry Library was informed that there **was less than \$200.00** remaining in the base student wage allocation **for the year**. The PSED Division coordinate graduate hourly monies were used again for student wages. A request to Budget Group for additional **Student Wage allocation was made in May 2014**.

### 3. Significant Changes to unit operations, personnel, service profile, or service programs:

Based on DeskTracker statistics, the Chemistry Library was expelling up to 25 patrons on Friday evenings when it closed at 5 pm. At the start of the Spring 2014 semester, we opted to close at 7 pm and track patron counts from 5 to 7 pm on Friday evenings. Patron counts during this time average 13-20 users.

Out of a concern that if **the one staff employee** was out sick, children are ill, or on vacation, Grainger Engineering Library staff members were trained at the Chemistry Library to cover **any staff shortages**. However, in this event it would be burdensome to Grainger's operations.

During the Summer and Fall 2013, the CITES Academic Technology Services Collaboration Student Space was finished. A modular collaboration table was built and installed in the room that includes teleconferencing, and connections for several laptop. A whiteboard and chairs were purchased jointly with Library Facilities and Chemistry Library endowment. One unanticipated outcome of this new space was the School of Chemical Sciences **Career Services** often uses the room for **interviews** between students and potential employers who aren't able to come to campus.

The Chemistry Library Conference room usage has grown significantly -- 18.1% in FY14. The conference room is available for School of Chemical Sciences faculty and

staff (including graduate students) reservations. It is often used during teleconferences on a joint project in Singapore. The **Chemistry Learning Center**, a tutorial retention part of SCS, is being renovated. CLC is utilizing the conference room and space in the Grainger Center for Academic Resources in Engineering (CARE) space for teaching assistant and instructor review sessions

During July, Facilities and Services came over to repaint the ceiling since it had peeling paint since 2006. Library Facilities working with Chemistry Library staff agreed to paint an accent wall a dark red color to compliment the Library lounge furniture. Ironically, painting some of the walls a different color was mentioned in the Chemistry Library survey from Spring 2013.

#### 4. Service to Library-wide programs:

##### a. Information services:

- Discovered both Chemistry and Materials Science in Engineering were purchasing the Fiz-Karlsruhe Crystallography Database on DVD. Investigated and purchased web-based version for efficient access across campus.
- LibGuides were prepared for Chemistry and Biomolecular and Chemical Engineering.

##### b. Instructional services:

- The Chemistry & Physical Sciences Librarian coordinates instruction for library graduate assistants in chemistry, geology, astronomy, physics, and atmospheric sciences since most of the collections are housed in the Grainger Engineering Library and is responsible for collection development, faculty liaison and training in these subject areas. As a librarian and main contact of the Physical Sciences and Engineering Division with many years of experience in all departments in the College of Engineering, the Chemistry Library is often forwarded reference and access questions for all these subject areas. This is now being reflected in DeskTracker statistics.
- The **Chemistry Learning Center** is utilizing space in both the Chemistry Library conference room and the Grainger Center for Academic Resources in Engineering (CARE) space for teaching assistant and instructor review sessions.
- Parkland College organic chemistry students to the Chemistry Library to work on an assignment that involved SciFinder Scholar, Web of Science, and other relevant chemistry resource tools.

##### c. Scholarly communications:



- International Symposium on Molecular Spectroscopy abstract load into IDEALS and CrossRef DOIs (discussed above)
  - The Chemistry Library is working with the new Director of Research Data Services to help management research data in chemistry, biochemistry, molecular and chemical engineering. Meetings are being planned for discussions with department heads, research lab directors, and various graduate student seminar program coordinators.
  - Campus contact point for **open access vouchers** for articles published in Royal Society of Chemistry journals. Faculty from Civil Engineering, Chemistry, and Materials Science have utilized RSC vouchers to make their articles open access.
- d. Assessment:  
The Chemistry Library graduate assistant conducted surveys of eBook users and assessment of collections in cooperation with Lynn Wiley, Acquisitions. Presentation made at 2013 Charleston Conference.
- e. Collection management:  
Chemistry librarian, with Grainger librarians and staff, supervised the selection 72,000 volumes for transfer to Oak Street storage facility for start of the Grainger Library Design Center. The Grainger design center is a new informatics service and facility for new generation library modeling.
- f. Digital content creation:  
Chemistry librarian, as part of Grainger Library responsibilities, worked with CMS to select more science materials for ongoing Google project.

#### 5. Review Progress on FY14 goals:

- a. Obtain gift funding to install electrical power to the three tables added to the back seating area in FY10. Install electrical power after obtaining funding. **This goal was set by Tina Chrzastowski. The Chemistry Library is now looking at alternative such as power cables or extension to wall outlets.**
- b. Add electrical power supply to the large conference room table. **Completed.**
- c. Staffing constraints with one staff member and librarian with various subject areas. **Ongoing. Requested additional student wage allocation in May 2014.**
- d. Monitor the use of Video Conferencing equipment in both conference room and new Collaboration Room to determine usage patterns.

**Original 2006 conference room equipment will need to be replaced soon.  
Ongoing work with both Library IT and School of Chemical Sciences IT.**

**6. FY15 Goals:**

- Staffing constraints. Increase student wage budget or library specialist position that would work evenings.
- Chemistry Library newsletter for faculty and graduate assistants. Open access issues, data management, library database tips, and new acquisitions.
- Bioinformatics Services group of life and physical science library faculty.
- Continue to integrate engineering and physical science collection development and decisions.
- Chemistry Library web page development. New resources highlighted.
- Review Chemistry Library reserves and reference collection.
- Video conferencing equipment replaced in conference room.
- Library door Key card reader upgrade.

**7. Number of GAs: 1- 25% FTE**

**8. GA funding: Chemistry Library Endowment**

**9. Major responsibilities of GA**

The FY14 Chemistry Library graduate assistant was working primarily with Tina Chrzastowski and Lynn Wiley on eBook user surveys. This was made in arrangement with Tina when she was working 49% FTE after retirement. Graduate assistant left in June 2014.

Grainger Graduate Assistants did project work at the Chemistry Library as new and future model for shared Graduate Assistant resourcing and training.

**Statistical Profile**

**1. User Seating**

- a. at tables: 44
- b. at carrels: 10
- c. at public workstations: 14
- d. at index tables: n/a
- e. in group study rooms: 16
- f. informal: 16
- g. conference room: 35

**Number of hours open to the public:**

- Summer II: **40 hours per week**
- Fall 2013: **70.5 hours per week**
- Spring 2014: **72.5 hours per week**
- Summer I 2014: **40 hours per week**

## 2. Personnel

- Mary C. Schlembach, Faculty, **1.0**
- Anna Gerard, Civil Service, **1.0**
- Jean Louise Zancanella, GA, **.25** (left June 2014)
- FY14 Student Asst wage budget: \$11,633.00 and Student Assistant FTE **3.0**

## 3. User Services

- Gate Count:
  - Fall 2013: 2351
  - Spring 2014: 2121
  - **Extrapolated Annual: 71,544**
- Circulation (from Voyager circulation reports)
  - Initial and renewal: **4924**
  - Discharges: **2822**
- Reference interactions:
  - DeskTracker (staff terminal): **701**
  - Manual statistics: **245** (includes other discipline questions worked on at Chemistry)
- Presentations (from the Instructional Statistics database)
  - Number of presentations to groups: **8**
  - Number of participants in group presentations: **1,164**
- Research Consultations: 142 consultations: includes disciplines **assigned outside of Chemistry Library**
  - Undergraduate students: 17
  - Graduate Students: 35
  - Faculty: 83
  - Other: 7

**Report Filter Settings:**

- desk is Chemistry: Circulation
- from 2013-09-01
- through 2013-12-31





**Report Filter Settings:**

- desk is Chemistry: Circulation
- from 2014-01-01
- through 2014-05-30

