Faculty Senate
Library Committee Update
September 15, 2020
Members of the 2020-2021 Faculty Senate Library Committee

Sebnem Duzgun, Chair – Faculty Senate, Mining Engineering
Sumit Agarwal – Chemical & Biological Engineering
Paula Farca – Humanities, Arts and Social Sciences
tbd – 2020-2023 faculty representative
Anna Seiffert – Head of Collections Management, Library
Carol Smith – University Librarian, Library
Griffin Hampton – Undergraduate Representative
Moath al-Qaod – Graduate Representative
Today

1. Library & Signature Student Experience
2. 2020-2021 Library Budget
The Library & the Mines@150 Signature Student Experience
Mission

We foster a rich and **responsive** information environment that empowers learning, discovery, critical thinking, and knowledge creation for Mines and a sustainable global **society**.

Vision

The Arthur Lakes Library is the **collaborative partner** and intellectual **nexus** that **bridges** disciplines and **communities** across the Mines campus.
Mines @ 150
Imagine that all students are…

“… welcomed.”
International Corner @ Arthur Lakes Library

Little Free Arabic, Chinese, & Indian Subcontinent Libraries for international students
Arthur Lakes Library conducted a diversity, equity, and social justice assessment to identify the need for collection materials that aren't normally included in the University curriculum. Resulting purchases focus on current events and global initiatives including movements involving women, the LGBTQ+ community, persons of color and the intersection between them. **The full collection is located in the Browsing Room on the 2nd floor.**
I ❤️ MY MINES LIBRARY

Because...

It makes me feel at home

@ArthurLakesLib
Mines @ 150
Imagine that all students are...

“...positioned for success.”
GET HELP WITH:
+ Research
+ Instruction
+ Scholarly Publishing
+ Data Management
+ Engagement
Scholars Hub: A library center for consultations on: scholarly publishing, research data management, open access, research data lifecycle, engagement, information literacy instruction, information research & discovery.

- Debuted Fall 2019
OPEN EDUCATIONAL RESOURCES

Open educational resources (OER) are freely available materials for teaching and learning.

OER IS IMPORTANT TO YOU

OERs are free for students to access and for instructors to modify. OERs decrease the costs of textbooks and other class supplies. They allow instructors to easily pick and choose parts of resources to use.

Learn more at http://libguides.mines.edu/oer
Promoting Open Education Resources (OER)

• **2020**: Hired a graduate student OER Fellow; created OER Champion course for faculty

• **2020**: Issued $38K in OER faculty incentive grants, funding 14 projects that save student $63K/year

• **2019**: Issued $30K in OER faculty incentive grants, funding 11 projects that save students $279K/year.

• **2018**: Funded and mentored student OER research and scholarly presentations.

Mines students presenting their OER research.
Promoting **Open Access** via Open Access Week events, Colorado Open Scholarship conference, more.
Library faculty directly position students for success:

- Lead > 120 Design I research consultation sessions each year
- Scaffold information literacy instruction throughout the curriculum
- Lead undergraduate and graduate workshops
- Organize research retreats
- Teach CSM101
- More...

Teaching & Learning Librarian Brianna Buljung
Information Literacy Instruction

Examples

- Completing Coursework
  - Check out our collection of subject and skill based research guides
  - Explore the scope and impact of research topics and groups using library tools
- Choosing a Research Topic
  - Learn to manage your research workflow using electronic lab notebooks, reference management and productivity management software etc.
  - Make a plan for managing and sharing your data and research outputs
- Conducting Research
  - Get help conducting your literature review
- Publishing
  - Learn about your intellectual property (IP) rights and use of IP protected works
  - Enhance your research impact - understand research metrics and build up your research profile
  - Investigate venues and types of publications for your work
  - Establish your scholarly identity online and learn about your rights as an author
- Career Planning
  - Deposit your thesis and other publications in the Mines Institutional Repository for broader access to your research
  - Explore career development resources, including grant opportunities, job openings and alternative career paths

To Get Started:
Visit the library website
Contact Ye Li, Scholarly Communications Librarian
Stop by the Library

Success!
Four Years of Instruction

**4 YEAR OVERVIEW**

- 12 Academic terms
- 282 Courses & Events
- 89 different faculty
- 564 Course Sections
- 15,448 Students

**Academic Year Totals**

- 2016 – 17
  - 115 Sections
  - 3177 Students
- 2017 – 18*
  - 169 Sections
  - 4435 Students
- 2018-19
  - 147 Sections
  - 3251 Students
- 2019-20
  - 133 Sections
  - 4585 Students
Library Research Sessions and Retreats

NHV Research Pizza Party
Bring Your Work & Questions

Help Stations:
* Peer Review
* Questions for Faculty
* Librarian Help
* Writing Center
* Citation & Sources

Library, Boettcher Room
November 16th, 2017
4:30-6:30pm
Undergraduate and Graduate Workshop Series

**FALL 2019 EMERGING SCHOLARS SEMINAR SERIES**

The Emerging Scholars Seminar Series offers weekly seminars on various topics that are of interest to undergraduate researchers. Please take a look at these workshops and register for any seminars that seem of interest to you. You can view all workshops and RSVP at: https://www.mines.edu/undergraduate-research/workshops/

**HAVE QUESTIONS? CONTACT**
UGRESEARCH@MINES.EDU

**COLORADO SCHOOL OF MINES**
EARTH • ENERGY • ENVIRONMENT
Scholarly communications workshops tailored to both undergraduate and graduate students.
Mines @ 150
Imagine that all students are…
“…intellectually curious and multidimensional”
“…excited to explore”
Engagement and Outreach
Libraries as community platform
Student Engagement: Activities

- Weekly whiteboard question
- Apollo 11 talk
- Static electricity interactive demo
- Button making – popular!
- Film showings
Student Engagement:
Book Discussions;
Visiting Author Talks
Collaborations Across Campus
Campus collaborations → libraries as boundary-spanning institutions

Pilot entrepreneurship incubator zone in the library

Student-led IT help desk in the library

Collaborations with HASS department
Rotating Exhibits & Displays

Team DiggerLoop’s Hyperloop pod on display in the library

Student displays

Leadville Boom Days Art Exhibit
Rotating Exhibits & Displays: Da Vinci Machines Exhibit
Spring/Summer 2019
Longstanding, Popular
Concerts in the Library Series

Showcasing Mines musical talent.
HOLLY VOSE
CONCERT IN THE LIBRARY
11/15 NOON - 1 PM
BOETTCHER ROOM

WALTON & WOOD
TEXAS SWING
NOON - 1 PM
FRIDAY, NOVEMBER 1
LIBRARY BOETTCHER ROOM

MITCH CUTTS
Folk and Guitar Concert in the Library
Noon - 1, Boettcher Room
Alumni Outreach

Antique Roadshow & Book Club Discussion
Mines @ 150
Imagine that all students are...

“...supported to overcome personal obstacles”
Student Engagement: Stress Reduction

Always popular therapy dogs
Student Engagement: Weekly Meditation Sessions

It's MINDFUL MONDAY!
Every Monday @3pm Starting Sept 11th
Mines @ 150
Imagine that all students are...

“...prepared to excel in business & entrepreneurial pursuits.”
2020-2021 Library Budget
Materials, operations, staffing
2020-2021 Library Budget: **Collections**

[https://libguides.mines.edu/librarybudget](https://libguides.mines.edu/librarybudget)

<table>
<thead>
<tr>
<th>Library Collections</th>
<th>FY21 without Inflation</th>
<th>FY21 with 6.1% Inflation</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY20</td>
<td>FY21</td>
<td>Raw $ Reduction</td>
</tr>
<tr>
<td>$2M</td>
<td>$1.95M</td>
<td>-$50K</td>
</tr>
</tbody>
</table>

**Strategies to cover $173K:**

- **Negotiate:** ~$10K in reduced inflation costs with vendors (where possible)
- **Cancel:** ~$40K in journals and databases
- **Draw down:** ~$123K in donor funds to cover balance (one-time strategy only)
## E-Resource Usage

<table>
<thead>
<tr>
<th>Time Frame</th>
<th>E-Resource Searches</th>
<th>Full Text E-Resource Retrievals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td># Searches</td>
<td># Change</td>
</tr>
<tr>
<td>Calendar Year 2019</td>
<td>247,736</td>
<td>26,475</td>
</tr>
<tr>
<td>Calendar Year 2018</td>
<td>221,261</td>
<td>99,651</td>
</tr>
<tr>
<td>Calendar Year 2017</td>
<td>121,610</td>
<td>21,159</td>
</tr>
<tr>
<td>Calendar Year 2016</td>
<td>100,451</td>
<td>-37,375</td>
</tr>
<tr>
<td>Calendar Year 2015</td>
<td>137,826</td>
<td>-12,934</td>
</tr>
<tr>
<td>Calendar Year 2014</td>
<td>150,760</td>
<td>-21,053</td>
</tr>
<tr>
<td>Calendar Year 2013</td>
<td>171,813</td>
<td>-126,561</td>
</tr>
<tr>
<td>Calendar Year 2012</td>
<td>298,374</td>
<td>102,237</td>
</tr>
<tr>
<td>Calendar Year 2011</td>
<td>196,137</td>
<td>7,883</td>
</tr>
<tr>
<td>Calendar Year 2010</td>
<td>188,254</td>
<td>4,348</td>
</tr>
<tr>
<td>FY 2009-2010</td>
<td>183,906</td>
<td>-10,648</td>
</tr>
<tr>
<td>FY 2008-2009</td>
<td>194,554</td>
<td>35,822</td>
</tr>
<tr>
<td>FY 2007-2008</td>
<td>158,732</td>
<td></td>
</tr>
</tbody>
</table>
Resources: FY20 Budget Allocation

- Online journals and databases 80.42%
- Ebooks 12.10%
- Streaming media 3.2%
- Print books 1.67%
- Print Journals 1.1%
- Other 1.5%
## FY21 Materials Budget – CO Alliance

<table>
<thead>
<tr>
<th>Alliance Member</th>
<th>FY21 Materials Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFA</td>
<td>tbd</td>
</tr>
<tr>
<td>Regis</td>
<td>tbd</td>
</tr>
<tr>
<td>DU</td>
<td>-8%</td>
</tr>
<tr>
<td>UWY **</td>
<td>-7.5%</td>
</tr>
<tr>
<td>UNC</td>
<td>-4.8%</td>
</tr>
<tr>
<td>MINES</td>
<td><strong>-2.5%</strong></td>
</tr>
<tr>
<td>CU-Boulder</td>
<td>0% (flat)</td>
</tr>
<tr>
<td>Colorado Mesa</td>
<td>0% (flat)</td>
</tr>
<tr>
<td>CU-Anschutz</td>
<td>0% (flat)</td>
</tr>
<tr>
<td>Colorado College</td>
<td>0% (flat)</td>
</tr>
<tr>
<td>Auraria</td>
<td>0% (flat)</td>
</tr>
<tr>
<td>CSU-Fort Collins</td>
<td>-2% to base and +5% inflation (net positive)</td>
</tr>
<tr>
<td>CSU-Pueblo</td>
<td>+4%</td>
</tr>
<tr>
<td>UCCS</td>
<td>+5% inflation</td>
</tr>
</tbody>
</table>

**UWY budget heavily impacted by oil/gas industry**
Impact of 2.5% Materials Budget Cut

<table>
<thead>
<tr>
<th>Statistic</th>
<th>FY2020</th>
<th>FY2021 with 2.5% Cut</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Budget Increase/Year</td>
<td>4.05% (12-yr avg)</td>
<td><strong>3.55%</strong> (13-yr avg)</td>
<td>Vs. average annual 13-year inflation: 5.7%</td>
</tr>
<tr>
<td>Ttl Library $/Student</td>
<td>$639</td>
<td>$645</td>
<td></td>
</tr>
<tr>
<td>Ttl Materials $/Student</td>
<td>$292</td>
<td>$297</td>
<td></td>
</tr>
</tbody>
</table>
# 2020-2021 Library Budget: Operations

<table>
<thead>
<tr>
<th></th>
<th>FY20</th>
<th>FY21</th>
<th>$ Reduction</th>
<th>Raw % Reduction</th>
<th>Net Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-discretionary operations</strong></td>
<td>$240.5 *</td>
<td>$194K</td>
<td>$46.5K</td>
<td>19%</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Discretionary operations</strong></td>
<td>$65.5K</td>
<td>$27K</td>
<td>-$38.5K</td>
<td>-59%</td>
<td>-59%</td>
</tr>
<tr>
<td><strong>Total Library Operations</strong></td>
<td>$306K *</td>
<td>$221K</td>
<td>-$85K</td>
<td>-28%</td>
<td>-13%</td>
</tr>
</tbody>
</table>

* = includes 1x project funds  
**Non-discretionary** = essential systems; interlibrary loan  
**Discretionary** = everything else (scholarly communications; engagement; office supplies; computers; etc.)

**Discretionary Strategies:**
- Cut discretionary spending; lower systems inflation where possible
- Draw from donor and auxiliary (Book & Brew) funds
- Delay circ desk renovation
Use of Donor & Auxiliary Funds: Opportunity Costs

**Donor Funds are used for:**
- Permanent acquisition of ebooks, key journal backfiles, video and other primary source databases
- Negotiating leverage on database renewals via bundling
- Project to remove stacks on 3rd floor and convert to open, quiet study
- Enhanced support for remote learning
- Enhanced findability of e-resources vs. physical materials

**Auxiliary Funds (Book & Brew) are used for:**
- Library faculty & staff professional development
- Book & Brew expenses; investment
- Physical library improvements (FY21 circ desk plans)
Staffing

Resource Acquisitions Manager position eliminated
- Redistribution of work to other library faculty and staff
  - Reduction of capacity to process physical materials
  - Cancellation of physical journals; newspapers
Questions/Discussion