A library facilities feasibility study for
Charge to SBRA

• Create a strategic facilities vision for the entire library system at George Mason University.
• Identify and prioritize projects for the phased implementation of that vision.
## Planning Process

<table>
<thead>
<tr>
<th>2006</th>
<th>2007</th>
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<tbody>
<tr>
<td>NOVEMBER</td>
<td>DECEMBER</td>
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<tr>
<td>6, 13, 20, 27</td>
<td>4, 11, 18, 25</td>
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<td>FEBRUARY</td>
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<td>29, 5, 12, 19</td>
<td>26, 5, 12, 19</td>
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<td>MARCH</td>
<td>APRIL</td>
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<td>26, 2, 9, 16, 23, 30</td>
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### Activities

- **Project Meetings**
  - November: ∗
  - December: ∗
  - January: ∗
  - February: ∗
  - March: ∗
  - April: ∗

- **Constituency Group Meetings**
  - November: ∗
  - December: ∗
  - January: ∗
  - February: ∗
  - March: ∗

- **Collect and Analyze Data**
  - November-December:  
  - December-January:  
  - January-February:  
  - February-March:  
  - March-April:  

- **Develop Preliminary Strategies**
  - November-December:  
  - December-January:  
  - January-February:  
  - February-March:  
  - March-April:  

- **Refine Preferred Strategy**
  - November-December:  
  - December-January:  
  - January-February:  
  - February-March:  
  - March-April:  

- **Prepare Report**
  - November-December:  
  - December-January:  
  - January-February:  
  - February-March:  
  - March-April:  

- **Deliver Report**
  - March-April:  

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*SHEPLEY BULFINCH RICHARDSON & ABBOTT*
Library Facilities Planning Steering Committee

- **John Zenelis**, University Librarian (Chair)
- **Dr. Peter Becker**, Professor of Astrophysical, Planetary, and Space Sciences, and Associate Dean for Graduate Programs, College of Science
- **Bridget Burke**, Head, Special Collections & Archives, University Libraries
- **Dr. Gary Galluzzo**, Professor, College of Education and Human Development
- **Craig Gibson**, Associate University Librarian for Research, Instruction & Outreach, University Libraries
- **Dr. David Harr**, Senior Associate Dean, School of Management
- **Jim Miller**, University Architect
- **Dr. Marilyn Mobley**, Associate Provost for Educational Programs
- **James Nalen**, Planning, Assessment and Organizational Development Coordinator, University Libraries
- **Sharon Pitt**, Executive Director, Division of Instructional Technology (DoIT)
- **Dr. William Rosenberger**, Professor and Chair, Department of Statistics, The Volgenau School of Information Technology & Engineering
- **Dr. Ellen Wiley Todd**, Associate Professor, Art History, Undergraduate Coordinator, and MA Graduate Coordinator, Department of History and Art History, College of Humanities & Social Sciences
- **Cathy Wolfe**, Director of Space Management
George Mason University Campuses

United Arab Emirates
Arlington
Prince William
Fairfax
Site Plans: University Libraries

Fairfax

Arlington

Prince William

SHEPLEY BULFINCH RICHARDSON & ABBOTT
George Mason University Libraries

- George Mason University is made up of a number of distinctive yet integrated campuses.
- The goal of the University Libraries is to support the aspirations of the institution as a whole.
- The University Libraries are viewed as the heart of an academic enterprise.
Fenwick Library

Planning Parameters
- Existing headcount at Fairfax is 25,423
- Projected headcount at Fairfax in year 2030 is 39,044
- Increased student profile and selectivity
- Strong research programs
- Increased residential population

Existing Fenwick Library
- The main research library and network hub
- Current Library is 100,000 NSF
- Total user seats – 745
- Total circulating collection and bound periodicals - 613,000 volumes
- Additional collections of 600,000 items include Special Collections and Archives, Government Documents, Reference, Indexes, and Maps
- Microform Collection – 1,764,495 items
- Total Staff – 96

Note: Actual and projected enrollment based on Duplicated Fall 06 Census Headcounts
Fenwick Library

FENWICK LIBRARY-
BASEMENT FLOOR PLAN

FENWICK LIBRARY-
FIRST FLOOR PLAN

PUBLIC AREAS
VERTICAL CIRCULATION
BUILDING SUPPORT
MECHANICAL AREAS/STREET
INSTRUCTIONAL SPACES
CIRCULATION DESKS
COLLECTION STACKS
STUDY SPACES AND SEATING
SPECIAL COLLECTIONS & ARCHIVES STACKS AND SEATING
PERIODICALS
GOVERNMENT DOCUMENTS
REFERENCE COLLECTION
REFERENCE STAFF
LIBRARY SUPPORT SERVICES

A 1967

B 1978

C 1982
Fenwick Library

FENWICK LIBRARY - SECOND FLOOR PLAN

SHEPLEY BULFINCH RICHARDSON & ABBOTT
Existing Johnson Center Library
• Current Library is 55,500 NSF on 3 floors
• Total User Seats – 1,500
• Total Volumes – 170,500 (includes CD’s, LP’s, scores, videotapes, videodiscs, audio tapes, DVD’s, reference, media reserves, and general collection)
• Total Staff – 21
Johnson Center Library
Johnson Center Library

JOHNSON CENTER- SECOND FLOOR LIBRARY PLAN
Arlington Campus Libraries

Planning Parameters
- Existing headcount at Arlington is 2,820
  Includes 760 students in the Law School
- Projected headcount at Arlington in year 2030 is 3,970
- Support a graduate level policy and law focus which includes:
  - Law School
  - School of Public Policy
  - Institute of Conflict Analysis and Resolution
  - Management of Non-profits
  - Masters Level Social Work
  - Graduate Level Business, Education, and Economics

Existing Arlington Library
- Current Library is 21,850 NSF on 1 floor
- Total User Seats - 180
- Total Volumes – 41,000 (includes European Union documents, reference, bound periodicals pre-1983, and collection related to the disciplines on campus)
- Current Staff - 9

Planned Arlington Library
- Planned Library is 24,000 NSF on 2 floors
- Total User Seats - 313
- Can accommodate up to 150,000 volumes
- Planned Staff - 20

Existing Law Library
- Current Library is 34,000 NSF on 3 floors
- Total User Seats – 320 (42% of the current law student enrollment)
- Total Volumes – 250,000

Note: Actual and projected enrollment based on Duplicated Fall 06 Census Headcounts.
Arlington Campus – Planned Library
Arlington Campus – Planned Library
Law Library
Mercer Library, Prince William Campus

Planning Parameters

- Existing headcount at Prince William is 2,100 students
- Existing headcount includes 1600 undergraduate students
- Undergrad disciplines on campus include:
  - Administration of Justice
  - Education
  - Life Sciences
  - Recreation, Health, & Tourism
  - Applied Information Technology
- Existing headcount includes 500 graduate students
- Graduate disciplines include:
  - Justice, Law and Crime Policy
  - Education
  - Management
  - Biodefense and Biosciences
  - Bioinformatics
- Students commute both from within the area and from the Fairfax campus
- Projected headcount at Prince William in year 2030 is 2,950

Existing Mercer Library

- Library is 10,100 NSF on the 1st floor of the Occoquan Building with administrative space on the 2nd floor
- Total User seats - 110
- Total Volumes – 35,000
- Total Staff – 9

Note: Actual and projected enrollment based on Duplicated Fall 06 Census Headcounts
Mercer Library, Prince William Campus
Mercer Library, Prince William Campus
Proposed Loudoun Campus Library

Campus Planning Assumptions

- New headcount at Loudoun of 1,000 students starting in 2010
- Projected headcount at Loudoun in year 2030 is 3,000
- Transfer opportunities for graduates of Northern Virginia Community College
- Courses/Programs on the campus include:
  - Nursing
  - Health Science Education
  - General Education
  - IT Management
- Students commuting from within the area and from the other George Mason University campuses
Recommendations

George Mason University Libraries

- Loudoun
- Arlington
- Prince William
- United Arab Emirates

Fenwick Research Hub

Robust Delivery System

Fairfax Campus

Johnson Center Learning Commons
Recommendations

George Mason University Libraries

Role of the university library system is to enhance the mission of the institution by:

- Developing and advancing Fenwick as the main research hub that connects to the distributed libraries through a robust information delivery system
- Distinguishing the distributed libraries through the development of research/study environments, collections and services responsive to the specific curriculum and market driven goals of the individual campus

A distributed library should be:

- Flexible to adapt to changing usage
- Independent yet integral to the whole
- Entrepreneurial and vibrant with a value-added focus in the provision of services
- Able to meet needs of student and faculty wherever they reside
Recommendations

Fenwick Library

The central hub, providing the continuum of services to meet the academic, research, and instructional aspirations of the university

The primary goals for the Fenwick Library are to:
• Provide improved scholarly research and focused study environments
• Improve navigability of collection areas
• Expand Special Collections and Archives with greater accessibility
• Celebrate the library’s presence on the campus as the center of intellectual life for the university
• Enhance access to the distinctive collections and knowledge specialists
• Provide technology-enhanced collaborative study spaces
## Recommendations

<table>
<thead>
<tr>
<th>Fenwick</th>
<th>Existing NSF</th>
<th>Preliminary Space Proposal 2030 NSF</th>
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</thead>
<tbody>
<tr>
<td>Public Area</td>
<td>1,770</td>
<td>11,870</td>
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<tr>
<td>Library Service</td>
<td>12,080</td>
<td>14,740</td>
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<td>Study Spaces</td>
<td>16,610</td>
<td>33,680</td>
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<tr>
<td>Instructional Space</td>
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<td>4,800</td>
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<tr>
<td>General Collection</td>
<td>44,510</td>
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<td>Building Support</td>
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<td>Special Collection</td>
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<td>Gov. Docs</td>
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<td>Reference Collection</td>
<td>10,010</td>
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<td>Library Support</td>
<td>0</td>
<td>6,530</td>
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<td><strong>Total NSF</strong></td>
<td><strong>100,000</strong></td>
<td><strong>174,010</strong></td>
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<thead>
<tr>
<th></th>
<th>Existing Users</th>
<th>Year 2030 Users</th>
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<tbody>
<tr>
<td>User Seats</td>
<td>745</td>
<td>2,040</td>
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<tr>
<td>Staff</td>
<td>96</td>
<td>166</td>
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</table>

Preliminary Space Proposed user seat count will increase when BCOM design criteria are applied.

### Assumptions

- First floor B & C of existing tower will be reinforced to hold compact shelving
- 60% of the collections in the addition will be shelved in compact shelving
- Projected Collections include the general, music, and education collections from the Johnson Center Library minus 70,000 volumes remaining in the Johnson Center Library
Recommendations

Fenwick Library

Current Program Distribution
100,000 NSF

2030 Program Distribution
174,010 NSF
Johnson Center Library
The primary goals for the Johnson Center Library are to:

- Build upon the aspiration and experiences of the current facility as an intellectual marketplace
- Enrich the interactive social learning experience

Recommendations

- Integrate technology, support and research assistance and information resources
- Provide a robust Learning Commons characterized by interactive technology
- Provide multimedia production spaces
- Provide additional instruction and consultation spaces
Recommendations

<table>
<thead>
<tr>
<th></th>
<th>Existing NSF</th>
<th>Preliminary Space Proposal 2030 NSF</th>
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</thead>
<tbody>
<tr>
<td>Public Areas</td>
<td>480</td>
<td>480</td>
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<td>Library Support</td>
<td>4,350</td>
<td>5,200</td>
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<td>Study Spaces</td>
<td>36,580</td>
<td>39,070</td>
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<td>Library Instructional</td>
<td>1,540</td>
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<tr>
<td>General Collections</td>
<td>11,860</td>
<td>5,000</td>
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<tr>
<td>Building Support</td>
<td>790</td>
<td>790</td>
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<td><strong>Total NSF</strong></td>
<td><strong>55,600</strong></td>
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<th>Year 2030 Users</th>
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<tbody>
<tr>
<td>User Seats</td>
<td>1,550</td>
<td>1,460</td>
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<tr>
<td>Staff</td>
<td>21</td>
<td>30</td>
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</table>

Preliminary Space Proposed user seat count will increase when BCOM design criteria are applied

Assumptions

- 50,000 to 70,000 volumes remain at Johnson Center. 215,000 volumes will be relocated to Fenwick.

(from James: 50,000 to 70,000 volumes remain in the Johnson Center Library. 115,000 volumes will be relocated to Fenwick.)
Recommendations

Johnson Center Library

Current Program Distribution
55,600 NSF

2030 Program Distribution
55,600 NSF

- Study Spaces: 66%
- General Collections: 21%
- Instruction: 3%
- Library Support: 8%
- Library Instructional: 1%
- Building Support: 1%
- Public Areas: 1%

- Study Spaces: 71%
- General Collections: 9%
- Instruction: 9%
- Library Support: 1%
- Library Instructional: 1%
- Building Support: 1%
- Public Areas: 1%
Arlington Campus Libraries
Recommendations

Arlington Campus Library

The primary goals for the Arlington Library are to:
• Provide supportive research materials and services specific to the disciplines at the campus
• Contribute to an intellectual center / sense of community
• Provide focused individual and collaborative study environments

Planned Phase II Building

• New construction should plan for structural floor loading for compact shelving (2 bays on 2 floors)
• Combine reference and access service points
• Provide additional study space for individual and group work
Law Library

The primary goals for the Law Library are to:

• Provide additional focused individual and collaborative study environments
• Provide additional collection space to accommodate projected collection

Law Library

• Consideration should be given to potentially expanding space into the 4th floor
Recommendations

**Arlington Campus Library**

<table>
<thead>
<tr>
<th>Department Components</th>
<th>Existing NSF</th>
<th>Planned Building NSF</th>
<th>Preliminary Space Proposal 2030 NSF</th>
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<tr>
<td>Public Areas</td>
<td>1,500</td>
<td>340</td>
<td>340</td>
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<tr>
<td>Library Support</td>
<td>1,500</td>
<td>2,350</td>
<td>2,350</td>
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<tr>
<td>Study Spaces</td>
<td>7,600</td>
<td>9,460</td>
<td>11,630</td>
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<tr>
<td>Library Instruction</td>
<td>479</td>
<td>690</td>
<td>1,290</td>
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<tr>
<td>General Collection</td>
<td>8,150</td>
<td>10,000</td>
<td>7,230</td>
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<tr>
<td>Building Support</td>
<td>400</td>
<td>1,100</td>
<td>1,100</td>
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<tr>
<td><strong>Total NSF</strong></td>
<td><strong>21,850</strong></td>
<td><strong>23,940</strong></td>
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<th>Proposed Users</th>
<th>Year 2030 Users</th>
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<tbody>
<tr>
<td>Seats</td>
<td>180</td>
<td>310</td>
<td>430</td>
</tr>
<tr>
<td>Staff</td>
<td>9</td>
<td>20</td>
<td>20</td>
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Preliminary Space Proposed user seat count will increase when BCOM design criteria are applied.

**Assumptions**

- Bound Periodicals to be moved offsite and Law Library Archives to be moved to the Law Library.

**Law Library**

- Assumes expansion of Law Library to accommodate projected enrollment and growth in collections.
Recommendations

Arlington Campus Library

Planned Program Distribution
23,940 NSF

2030 Program Distribution
23,940 NSF

Legend:
- Public Areas Total
- Library Support Total
- Study Spaces Total
- Library Instruction Total
- General Collection Total
- Building Support Total
You see, I don't believe that libraries should be drab places where people sit in silence, and that's been the main reason for our policy of employing wild animals as librarians. — Monty Python Skit
Recommendations

Prince William Campus Library

A new expanded library facility

The primary goals for the Prince William Campus Library are to:

• Provide sufficient research materials and services to support the specific curriculum and disciplines on the campus
• Provide an intellectual center / sense of community
• Provide focused individual and collaborative study environments to accommodate both students residing in the Prince William area as well as commuting from the Fairfax campus
• Create an expanded library in a new academic building
### Prince William Campus Library

<table>
<thead>
<tr>
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<th>Existing NSF</th>
<th>Preliminary Space Proposal 2030 NSF</th>
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<tbody>
<tr>
<td>Public Area</td>
<td>90</td>
<td>500</td>
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<td>Library Support</td>
<td>1,400</td>
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<td>Study Spaces</td>
<td>5,370</td>
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<td>Library Instructional</td>
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<td>General Collection</td>
<td>2,820</td>
<td>7,460</td>
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<tr>
<td>Building Support</td>
<td>440</td>
<td>500</td>
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<td><strong>Total NSF</strong></td>
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<td><strong>22,580</strong></td>
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<th>Year 2030 Users</th>
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<tbody>
<tr>
<td>User Seats</td>
<td>107</td>
<td>350</td>
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<tr>
<td>Staff</td>
<td>9</td>
<td>18</td>
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Preliminary Space Proposed user seat count will increase when BCOM design criteria are applied.
Recommendations

Mercer Library

Current Program Distribution
10,120 NSF

2030 Program Distribution
22,580 NSF

- General Collections
- Study Spaces
- Library Support
- Instruction
- Library Instructional
- Building Support

Public Area
1%
Library Support
14%
Study Spaces
53%
Library Instructional
4%
General Collection
28%
Building Support
2%
Instruction
2%
Study Spaces
12%
Library Support
46%
General Collections
Library at the Loudoun Campus

A new library facility

The primary goals for the Loudoun Library are to:

- Locate a library building at the center of the developing campus in the first academic building to be erected on the site
- Provide space to accommodate 100,000 volumes
- Provide sufficient reader seating, research materials and services specific to the disciplines at the campus
- Provide an intellectual center / sense of community
Conclusion

George Mason University Libraries

- Loudoun
- Robust Delivery System
- Arlington
- Robust Delivery System
- Prince William
- Robust Delivery System
- Fairfax Campus
- Johnson Center Learning Commons
- United Arab Emirates
- Robust Delivery System

Fenwick Research Hub
Conclusion - Recommended Priority Project

1. New addition to Fenwick Library
2. Existing Fenwick B & C to be renovated
3. Renovate Johnson Center Library
4. Existing Fenwick A to be demolished