Statement of Purpose and Library Needs:

The Department of Cell Biology, Microbiology, and Molecular Biology (CMMB) is home to approximately 20 full-time faculty members, 55 graduate students and offers courses to approximately 1200 undergraduate biology students. Faculty research and graduate training programs span a wide array of biological disciplines and provide opportunities for The CMMB department maintains inter-disciplinary relationships with other academic programs including those at the Moffitt Cancer Research Center, Chemistry, Physics, Engineering and Molecular Medicine. They are major participants in the USF Florida Center of Excellence for Bio-molecular Identification and Targeted Therapeutics, a major instrumentation center located on campus.

- The mission of the Department of Cell Biology, Microbiology and Molecular Biology (CMMB) at the University of South Florida is to prepare students for professional careers in the areas of Cell Biology, Microbiology, and Molecular Biology.
- CMMB pursues excellence in the following programmatic research areas through strategic hires, grant acquisitions and scholarly publications:
  - Genome Integrity and Mechanisms of Aging
  - Bacterial Pathogenesis and Resistance
  - Structural and Computational Biology
- CMMB also serves the University, scientific and greater community by providing intellectual resources and engaging in scholarly activities that are consistent with our education and research missions.

The CMMB Department has responsibility for the education of undergraduate and graduate students in core cell biology, molecular biology, genetics and microbiology topics as well as more specialized areas that require detailed knowledge of these subjects. To accomplish this mission, CMMB offers curricula that will lead to Bachelor of Science degrees in Biology and Microbiology, Masters of Science degrees in Biology and Microbiology and a Doctor of Philosophy degree in Biology. Courses are also designed to meet the needs to students majoring in other science disciplines as well as non-science areas.

The faculty and students of CMMB pursue scientific knowledge through rigorous research programs both within the department and in collaboration with other departments and universities. The knowledge gained through these programs is disseminated through professional mechanisms of communication as well as through classroom activities. CMMB faculty view the research activities as integrated with its teaching mission so that students fully understand the topical goals and methodologies within cell biology, molecular biology, genetics, microbiology and other specialized areas within these disciplines.

The library endeavors to develop and maintain a collection that will satisfy the need for resources that support the undergraduate and graduate curriculum in biology, as well as serve the more specialized demands from graduate students and faculty for advanced research materials.

I. Collection Guidelines
   A. Area: Cell Biology, Microbiology, and Molecular Biology
B. Classes and Levels

<table>
<thead>
<tr>
<th>LC Class</th>
<th>Description</th>
<th>Current Collection</th>
<th>Collection Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>QH</td>
<td>General Biology</td>
<td>3c</td>
<td>4</td>
</tr>
<tr>
<td>QM</td>
<td>Human Anatomy</td>
<td>3a</td>
<td>3a</td>
</tr>
<tr>
<td>QP</td>
<td>Physiology</td>
<td>3c</td>
<td>4</td>
</tr>
<tr>
<td>QR</td>
<td>Microbiology</td>
<td>3c</td>
<td>4</td>
</tr>
</tbody>
</table>

3a = Basic study or instructional support level. Supports lower division undergraduate courses.
3b = Intermediate study or instructional support level. Supports advance undergraduate course work, but not Master's degree programs.
3c = Advanced study or instructional support level. Supports Master's degree level program.
4 = Research level. Supports doctoral level programs and other original research.

C. Scope of Coverage:

1. Chronological Guidelines:

   Emphasis is on acquiring materials dealing with current research in biology; items dealing with older research are acquired selectively, generally through gifts and donations.

2. Geographical Guidelines:

   Geographic coverage is concentrated on Southeastern United States, Gulf Coast, Mexico, Central and South America and Caribbean areas. Geographic limits governing the selection of materials in this discipline are foreign and Western, Pacific, and Mountain region of the western United States.

3. Date of Publication Guidelines:

   Emphasis is placed on the acquisition of current imprints. Older imprints are acquired selectively according to specified collection intensity levels.

4. Languages:

   English is the primary language of the collection. Current research in Biology focuses on Mexico, Central and South America, and Caribbean areas so Spanish language materials are acquired, if an English translation is not available. Other languages will be acquired selectively.
D. Types of Materials Collected:

1. Treatment of Subject

   Emphasis is on maintaining a robust selection of journals in biology and developing a strong research monographic collection representing the important trade, university and professional presses. Conference proceedings, technical reports, dissertations, reference works, and graduate and advanced undergraduate texts are acquired selectively. Audiovisual materials and datasets are acquired selectively.

2. Format

   Journals are collected in electronic format, print, or microfiche. Full text electronic journals are preferred over other formats. Monographs are primarily collected in electronic format. Print monographs will be purchased if the electronic format is not available or if a request specifically asks for the title in print. Audiovisual presentations on laboratory procedures and field operations may be selected for purchase. The same holds true for specialized datasets, with the understanding that these resources become the permanent property of the library with no restrictions on who may use them.

II. Acquisitions Strategy

The Collection Development Librarian assigned to the Department of Cell Biology, Microbiology, and Molecular Biology works in partnership with the departmental faculty to select materials for the collection. The library participates in a patron-driven acquisitions program that provides access to eBooks from most of the trade and professional presses that are of interest to the department. Titles are accessible through the online catalog for short-term loan or auto-purchase (depending upon the number of times the titles are loaned). Other titles, not covered by the PDA program, can be ordered by submitting a request to Acquisitions. Retrospective purchases are done at faculty request or to replace items lost through theft and damage. Since funding is very limited for new subscriptions, access to articles in journals that are not owned by the library is routinely handled through fee-based document delivery services and inter-library loan.

New journal titles may be ordered by canceling current subscriptions in the same subject area. Full text electronic journals are preferred over other formats. Electronic backfiles of journals may be ordered, when the need can be documented, and if funding is available.

The library occasionally receives donations of new and used materials, in all formats, from various sources, including faculty, students, and community members. These materials may be accepted for consideration for possible inclusion in the general collection by the USF Tampa Library’s Academic Resources Collection Management Section. Materials are accepted with the understanding that all items received will be reviewed by Collection Development librarians, who will make a determination regarding the suitability for addition to the existing research collections.

II. Collection Notes

   These general collection notes apply to materials within the call number areas that are included in I. Collection Areas   B. Classes and Levels

   - Advanced undergraduate and graduate level textbooks are acquired selectively.
   - Theses and dissertations from other institutions are generally not collected unless the faculty specifically request them.
For titles of strictly U.S. local or regional interest, the library acquires books pertaining to Florida and other southeastern states (Alabama, Arkansas, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas, Virginia). Areas outside of the southeastern region are acquired selectively.

- Popular items are excluded
- Clinical, medical, and human aspects in all call number areas are acquired selectively, when needed.

February 2004
Revised March 2013
Cheryl McCoy, Coordinator of Collections