

Collection Development Statement: Neuroscience

Purpose:

The purpose of the Neuroscience collection is to support the undergraduate neuroscience curriculum, graduate courses, and the current and emerging research needs of the faculty and students in the Multidisciplinary Program in Neuroscience at East Carolina University.

Program Profile:

At ECU, Neuroscience is offered as an undergraduate concentration in the Multidisciplinary Studies Program. It is designed to provide students with a diverse scientific background that will allow them to pursue a career in neuroscience, medicine or other health-related professions. Many of the course requirements in the curriculum overlap with the undergraduate courses required by most medical schools (e.g., Biology, Chemistry, Physics). The curriculum includes a strong core of required biology, chemistry, physics, and psychology courses, lab research experience in neuroscience, a two-semester Capstone sequence, and many electives.

The Multidisciplinary Program in Neuroscience offers the following degrees:

- Minor in Multidisciplinary Studies with a concentration in Neuroscience
- B.S. in Multidisciplinary Studies with a concentration in Neuroscience
- B.A. in Multidisciplinary Studies with a concentration in Neuroscience

The graduate students are scattered among different departments including Anatomy, Physiology, Pharmacology, Microbiology, Communicative Sciences and Disorders, and Human Performance. For more information about the Multidisciplinary Program in Neuroscience, please see <http://www.ecu.edu/cs-cas/neuro/>

Formats: The Multidisciplinary Program in Neuroscience depends heavily on current and new research.

- **Monographs (Books):** The collection will include print and electronic books. Electronic books are preferred whenever available.
- **Journals and Electronic Resources:** Journals will be added in electronic format unless unavailable in this format.

- **Reference Materials:** This includes encyclopedias, handbooks, indexes, dictionaries, and other specialized reference materials.
- **Videos and DVDs:** These materials will be added to the collection by faculty request and/or selector choice.
- **Theses and Dissertations:** All theses and dissertations completed by East Carolina University students will be added to the Institutional Repository, the Scholarship.
- **Government Documents:** These materials may be acquired in consultation with the Government Documents Librarian.

Material Types Excluded or Limited: Print and electronic are the predominant formats. A few CD ROMs are occasionally purchased or come with books. Microform materials are no longer actively collected. Supplemental textbooks are selectively acquired to provide alternate presentations of neuroscience topics.

Language: English will be the primary language of the collection.

Chronological/Publication Date Guidelines: The current focus is to acquire recent materials. Backfiles of significant journals will be acquired as appropriate in electronic format.

Library of Congress Subject Headings and Call Number Ranges:

QP351-495 – Neurophysiology

QP 360-QP360.5 - Neuropsychology

Occasional: (only as it relates to neurosciences)

BF309-499 – Psychology – Consciousness and Cognition

BF511-593 – Feeling and Emotion

BF712-724 – Developmental psychology

QH301-QH705 – Biology

National Library of Medicine Subject Headings and Call Number Ranges:

WL 103-108 Psychophysiology. Neurosciences.

Occasional: (only as it relates to neurosciences)

WL 1-102 Reference Works. General Works

WL 102.5-102.9 Neurons

WL 140-160 Diseases. Examination and Diagnosis (General)

WL 200-405 Central Nervous System. Disorders. Therapeutics

WL 200-302 Central Nervous System (General)

WL 307-335 Brain. Localization of Function

WL 340-346 Neurologic Manifestations

WL 348-362 Brain Diseases

WL 368-370 Brain Surgery

WL 385-390 Epilepsy. Movement Disorders

WL 400-405 Spinal Cord

WL 500-544 Peripheral Nerves

WL 600-610 Autonomic Nervous System

WL 700-710 Sense Organs

Materials outside of the listed call number ranges may be acquired.

Government Resources: Some of the agencies that produce materials in relation to Neuroscience are:

- Health and Human Services Development
- National Aeronautics and Space Administration
- U.S. Department of Education

- Environmental Protection Agency
- Congressional Reports & Documents – Office of Technology Assessment
- Library of Congress
- US Department of Defense

Related Subject Liaisons: Joyner Library’s Science Liaison and Psychology Liaison, and the Laupus Library School of Medicine Liaison.

Selection Tools: Tools used to make selections include but are not limited to:

- The Joyner Approval Plan
- The Laupus Approval Plan, which include electronic book records
- Book review sources
- Requests by faculty and/or students
- Publishers’ catalogs
- Recommended titles from professional societies such as the Society for Neuroscience
- Recommended titles from sources such as *The Best Books for University Libraries*, *Resources for College Libraries*, *Medical Library Association News*, and others.

De-Selection: Duplicate copies of materials will be considered for de-selection. Materials that have been damaged will also be evaluated for de-selection. Damaged materials that are still important to the collection will be repaired or replaced. Print materials that are available through electronic formats may be considered for de-selection. Additionally, outdated or older editions of materials will be evaluated for de-selection.

Email contacts:

Joyner Library - Jeanne Hoover, hooverj@ecu.edu

Laupus Library - Kathy Cable, cablek@ecu.edu