



February 28, 2017

Memorandum

To: Thomas W. Ilvento
Professor and Chair
Department of Applied Economics and Statistics
College of Agriculture and Natural Resources

From: Trevor A. Dawes
Vice Provost for Libraries and Museums
and May Morris University Librarian

I am responding to your request to supply information about the capability of the University of Delaware Library to support the proposed Master of Science in Applied Statistics.

The University of Delaware Library with its strong science, social sciences, interdisciplinary and electronic collections is well able to support this proposed online graduate program. Enclosed is a description of collections, resources and services available for this purpose.

I would be pleased to respond to any questions.

/nb
Enclosure

c: Department of Applied Economics and Statistics
Michelle S. McCullough, Administrative Assistant II

University of Delaware Library
Susan A. Davi, Associate Librarian and Head, Collection Management and Licensed
Electronic Content Department
M. Dina Giambi, Associate University Librarian for Technical Services and
Resource Management
Pauly C. Iheanacho, Librarian, Reference and Instructional Services Department
Sarah E. Katz, Senior Assistant Librarian, Reference and Instructional Services Department
Sandra K. Millard, Associate University Librarian for Public Services and Outreach
Nancy R. Nelson, Head, Access Services Department, and Interim Head, Reference and
Instructional Services Department



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Report on Library Services and Collections in Support of the
Master of Science in Applied Statistics

General Description

The University of Delaware Library includes the Hugh M. Morris Library, where the main collection is housed; two branch libraries located on the Newark campus, the Chemistry Library and the Physics Library; and a third branch library, the Marine Studies Library, located in Lewes, Delaware. The Library collections parallel the University's academic interests and support all disciplines. The proposed graduate program in Applied Statistics is directly supported by the Library's strong collections in business administration, management, mathematics, statistics, computer science, agriculture, health sciences, and public policy.

Books, full-text electronic journals and electronic books, databases, periodicals, microforms, government publications, maps, manuscripts and media provide a major academic resource for the University of Delaware, the surrounding community, the state of Delaware and the nation. Library staff members provide a wide range of services.

The University of Delaware Library is a U.S. depository library and a U.S. patent depository library and contains the complete file of every patent issued by the U.S. Patent and Trademark Office.

The online catalog, DELCAT Discovery, provides access to millions of items by author, title, subject and keyword.

Library collections number over 2,790,000 and are broadly based and comprehensive. In 2015/2016, the Library Web <library.udel.edu/> received over 4,600,000 page views.

Specific Support for Applied Statistics

The Library's collections are strong and are well able to support the MS program in Applied Statistics. For many years, the Library has supported related graduate and undergraduate programs in management, resource economics, business administration, operations research, mathematics, computer & information science, statistics and public policy. The collections in these areas are excellent and continue to grow. Funds are designated at the beginning of each fiscal year for the support and strengthening of the collections.

Two experienced librarians, Sarah E. Katz, Senior Assistant Librarian, and Pauly Iheanacho, Librarian, both in the Reference and Instructional Services Department, are available to work with

faculty and students in this program. Sarah Katz serves as the Library liaison to the College of Agriculture and Natural Resources. Pauly Iheanacho is the Library liaison to the Alfred Lerner College of Business and Economics.

As Library liaisons, Ms. Katz and Dr. Iheanacho will work with the Department of Applied Economics and Statistics to:

- Further develop Library collections, both print and electronic to support the teaching, learning and research needs of the Department of Applied Economics and Statistics
- Provide research support for faculty and students in a consultation setting
- Provide instruction in a classroom setting
- Serve as a resource for the information needs of the Department of Applied Economics and Statistics as they relate to the Library, Scholarly Communication, Open Access and other topics

More than 250 research guides <guides.lib.udel.edu/> in all subject areas have been developed and are maintained by Library liaisons. These research guides describe Library resources and assist students in the research process. In this context, Dr. Iheanacho maintains research guides for all areas within the Alfred Lerner College of Business and Economics. Ms. Katz maintains similar guides for all areas with the College of Agriculture and Natural Resources, including applied economics and statistics. These guides introduce students to a wide array of useful resources including databases, eJournals, eBooks, reference materials, visual material and more. Dr. Iheanacho and Ms. Katz are also available to work with faculty to develop research guides for specific courses within these programs.

In addition to its extensive print-based collections, the Library provides access to more than 83,000 electronic journals <library.udel.edu/ejournals/> and more than 500,000 electronic books <library.udel.edu/ebooks/>. Within the Library's eJournal collection, the sciences and social sciences are very strong, including almost all the journals published by Taylor & Francis, Elsevier, Springer, Wiley, journals published on the Project Euclid platform, and the archival journals provided by JSTOR. Many full-text journals are included in the *Business Source Premier*, *ABI/INFORM* databases. Information from current newspapers is available from *LexisNexis Academic* and *ProQuest Newsstand*. Access to *The New York Times* is available from <NYTimes.com/>. Within the eBook collection, online access to most books published by Springer from 2010-present is of particular importance.

The Library subscribes to more than 400 online databases <library.udel.edu/databases/> which support research in all areas. A wide range of databases support the study, research, and teaching of

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applied statistics. Among the most important are: *Business Source Premier*, *ABI/INFORM*, *MathSciNet*, *EconLit*, *Statistical Insight*, *PolicyMap*, *Scopus* and *Web of Science*.

The Library also subscribes to *RefWorks*, a web-based citation management tool that can be used with most databases.

The Library has strong collections of film and video <library.udel.edu/filmandvideo/> which support study and teaching in all subject areas.

The Library has a nationally recognized Student Multimedia Design Center <library.udel.edu/multimedia/> which provides access to equipment, software and training related to the creation of multimedia projects. The Student Multimedia Design Center includes over 80 workstations, six studios, and two classrooms focused on multimedia creation. University of Delaware users also may borrow a wide variety of multimedia equipment. Through its Multimedia Literacy program, the Student Multimedia Design Center provides instructional support for faculty seeking to incorporate multimedia into their assignments.

The Library also maintains an Institutional Repository <udspace.udel.edu/>, which archives research reports, documents and other resources produced by University of Delaware faculty and students.



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