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
February 28, 2017

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
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
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.

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