

Wake Forest University Faculty Survey: Report of Findings

# **Table of Contents**

| Overview                              | 3   |
|---------------------------------------|-----|
| Core National Questionnaire           | 4   |
| Digital Research Activities           | 64  |
| Undergraduate Instruction             | 69  |
| Library Space Planning                | 91  |
| Demographic Questions / Embedded Data | 118 |

## Overview

The Wake Forest University implementation of the Ithaka S+R Faculty Survey was launched on October 3, 2016, and was closed to new responses on October 28, 2016, with a total of 167 complete responses. The questionnaire covers topics in several key areas, including: how faculty members discover and access materials for research; faculty members' usage of scholarly communication services; faculty members' research practices, including data preservation and management behaviors and needs; faculty members' perceptions of students' research skills; the role of the library in supporting faculty members' needs; faculty members' undergraduate instruction practices; and faculty members' practices within and perceptions of the space of the library. The following report provides a high-level overview of findings from the Wake Forest University faculty survey.<sup>1</sup>

#### **Details**

689 Wake Forest University faculty members received an email invitation to participate in a survey about their research and teaching habits and participants were able to enter a drawing for one of three Kindle Fire e-readers. Three email reminders were sent before the close of the survey.

In total, 261 respondents clicked the survey link (about 38% of those who received the email invitation), with 243 of those starting the survey (about 35%) and 167 of those respondents completing the survey, for an overall response rate of about 24%. Due to the survey flow and skip patterns, not all Wake Forest University respondents received every question in the survey.

# How to interpret the findings

For each question in the Wake Forest University faculty survey, this document provides a single graph and table of overall responses. Title pages provide information about survey flow and contingent items, which signify that a question was only presented to those who satisfied a condition in their response to another question.

If you have any questions about this report or working with the raw data provided, please contact Christine Wolff, Ithaka S+R Survey Coordinator, at Christine.Wolff@ithaka.org.

<sup>&</sup>lt;sup>1</sup> This report covers results from completed surveys and does not include an overview of partially completed responses. Partially completed responses are included in the spreadsheet of raw data.

# **Core National Questionnaire**

#### Q1

Below are four possible starting points for research in academic literature. Typically, when you are conducting academic research, which of these four starting points do you use to begin locating information for your research?

#### Q2

When you explore the scholarly literature to find new journal articles and monographs relevant to your research interests, how do you most often begin your process? Select one of the following:

#### Q3

You may employ a variety of different tactics to "keep up" with current scholarship in your field on a regular basis. Please use the scales below to rate from 10 to 1 how important each of the following methods is for staying current with new scholarship in your field. [10 = extremely important; 1 = not at all important]

#### Q4

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view – a 10 equals "Extremely well" and a 1 equals "Not at all well." You may pick any number on the scale. The higher the number, the better you think the statement describes your point of view. The lower the number, the less you think the statement describes your point of view. Please note: the phrase "scholarly monograph," which appears in this question and in other questions throughout this survey, refers to a single volume book published by a scholar for an academic audience.

#### Q5

Below is a list of ways you may use a scholarly monograph. Please think about doing each of these things with a scholarly monograph in print format or in digital format, and use the scales below to indicate how much easier or harder is it to perform each activity in print or digital format. Please select one answer for each item.

#### Q6

When you think about the journal articles and scholarly monographs that you routinely use - for research as well as for teaching - how important are each of the following sources? [10 = extremely important; 1 = not at all important]

When you want a scholarly monograph or journal article that you do not have immediate access to through your college or university library's physical or digital collections, how often do you use each of the following methods to seek access to that material?

Q8

Is performing academic research among your professional responsibilities?

#### Q9 [Contingent on respondent selecting "yes" in Q8]

How important to your research is each of the following digital research activities and methodologies today? [10 = extremely important; 1 = not at all important]

### Q10 [Contingent on respondent selecting "yes" in Q8]

You may have the opportunity to share the findings of your scholarly research in a variety of different formats. Please use the scales below to indicate how often you have shared the findings of your scholarly research in each of the following ways in the past five years.

## Q11 [Contingent on respondent selecting "yes" in Q8]

When it comes to influencing your decisions about journals in which to publish an article of yours, how important to you is each of the following characteristics of an academic journal? [10 = extremely important; 1 = not at all important]

## Q12 [Contingent on respondent selecting "yes" in Q8]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

# Q13 [Contingent on respondent selecting "yes" in Q8]

Does your college or university library, scholarly society, university press, or another service provider assist you with any of the following aspects of the publication process?

## Q14 [Contingent on respondent selecting "yes" in Q8]

How valuable do you find support from your college or university library for each of the following aspects of the publication process, or how valuable would you find it if this support was offered to you? [10 = extremely valuable; 1 = not at all valuable]

## Q15 [Contingent on respondent selecting "yes" in Q8]

How important is it to you that your research reaches each of the following possible audiences? [10 = extremely important; 1 = not at all important]

# Q16 [Contingent on respondent selecting "yes" in Q8] [Multiple selections possible]

Which of the following types of research data do you build up or collect for your own research? Please select all that apply:

### Q17 [Contingent on respondent selecting "yes" in Q8]

Are any of the following types of your research publications or products available online for free (such as via your personal webpage or an open access repository)?

# Q18 [Contingent on respondent selecting "yes" in Q8] [Response options contingent on response to Q17]

Is your scholarly research hosted online at your institution's repository (WakeSpace), an open access disciplinary repository (such as PubMed, SSRN, etc.), or is your scholarly research freely available elsewhere (such as your personal webpage)? For each of the type(s) of scholarly work(s) listed below, please select all hosting sources that apply:

### Q19 [Contingent on respondent selecting "yes" in Q8]

Have you ever received or are you currently receiving extramural funding for your scholarly research from a public or government grant-making organization (such as the NSF, NIH, NEH, etc.)?

## Q20 [Contingent on respondent selecting "yes" in Q8]

To what extent do you support or oppose the federal policy mandating that publicly funded scholarly research and/or data be made freely available online (i.e., via an open access repository or database)? [6 = highly support; 1 = highly oppose]

# Q21 [Contingent on respondent selecting "yes" in Q8] [Response options contingent on response to Q17]

And, when you think about how your work is assessed, such as for tenure, promotion, or research funding, how much recognition should you receive for your research products compared to traditional research publications such as journal articles and scholarly books?

Please read the following statement and tell us whether you strongly agree with the statement, agree, somewhat agree, neither agree nor disagree, somewhat disagree, disagree, or strongly disagree.

#### Q22

Societal impact, or the benefit of scholarly work and research products to society, should be a key measure of research performance for tenure, promotion, or funding proposals

## Q23 [Contingent on respondent selecting at least one option in Q16]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

### Q24 [Contingent on respondent selecting at least one option in Q16]

Please use the scale below to rate from 10 to 1 how valuable you would find each of the following possible sources of support for managing or preserving research data, media, or images or how valuable you do find each of the following sources of support for managing or preserving research data, media, or images. [10 = extremely valuable; 1 = not at all valuable]

# Q25 [Contingent on respondent selecting at least one option in Q16] [Multiple selections possible]

If these collections or sets of research data are preserved following the conclusion of the projects, what methods are used to preserve them? Please select each method by which they are preserved or indicate that they are not preserved.

#### Q26

How dependent would you say you are on your college or university library for research you conduct? [10 = completely dependent; 1 = not at all dependent]

#### Q27

How important is it to you that your college or university library provides each of the functions below or serves in the capacity listed below? [6 = extremely important; 1 = not at all important]

#### Q28

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

Is teaching either undergraduate or postgraduate courses among your professional responsibilities?

# Q30 [Contingent on respondent selecting "yes" in Q29] [Multiple selections possible]

Please select which types of courses you have taught in the last 2 years:

### Q31 [Contingent on respondent teaching an undergraduate course]

In general, how often do you do each of the following when designing or structuring your undergraduate courses:

### Q32 [Contingent on respondent selecting "yes" in Q29]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

# Q33 [Contingent on respondent teaching a lower division undergraduate course]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

# Q34 [Contingent on respondent teaching an upper division undergraduate course]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

# Q35 [Contingent on respondent teaching an undergraduate and/or graduate course]

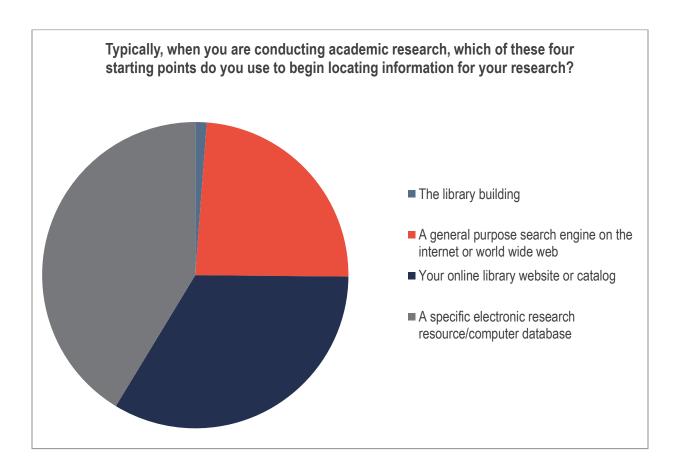
As far as you know, how often do students in the courses you teach interact with librarians at your college or university library?

# Q36 [Contingent on respondent teaching an undergraduate and/or graduate course]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

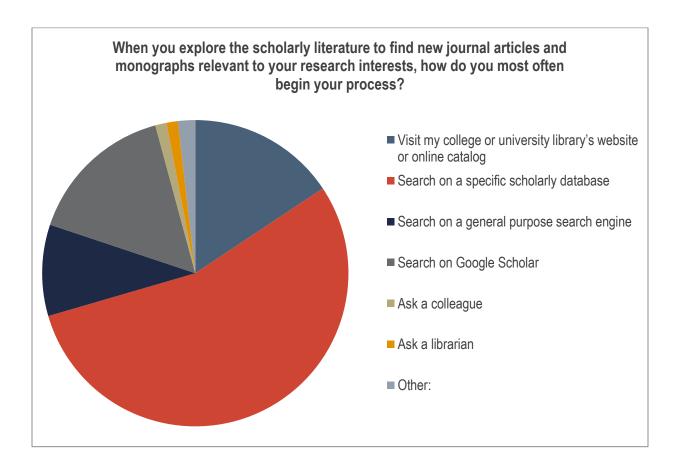
Q1
Below are four possible starting points for research in academic literature. Typically, when you are conducting academic research, which of these four starting points do you use to begin locating information for your research?

|   | Response | Percent |
|---|----------|---------|
| The library building  | 2        | 1.20%   |
| A general purpose search engine on the internet or world wide |          |         |
| web   | 40       | 23.95%  |
| Your online library website or catalog                        | 56       | 33.53%  |
| A specific electronic research resource/computer database     | 69       | 41.32%  |
|   | 167      | 100.00% |



Q2 When you explore the scholarly literature to find new journal articles and monographs relevant to your research interests, how do you most often begin your process? Select one of the following:

|  | Response | Percent |
|--|----------|---------|
| Visit my college or university library's website or online catalog | 26       | 15.66%  |
| Search on a specific scholarly database                            | 91       | 54.82%  |
| Search on a general purpose search engine                          | 16       | 9.64%   |
| Search on Google Scholar   | 26       | 15.66%  |
| Ask a colleague  | 2        | 1.20%   |
| Ask a librarian  | 2        | 1.20%   |
| Other:   | 3        | 1.81%   |
|  | 166      | 100.00% |

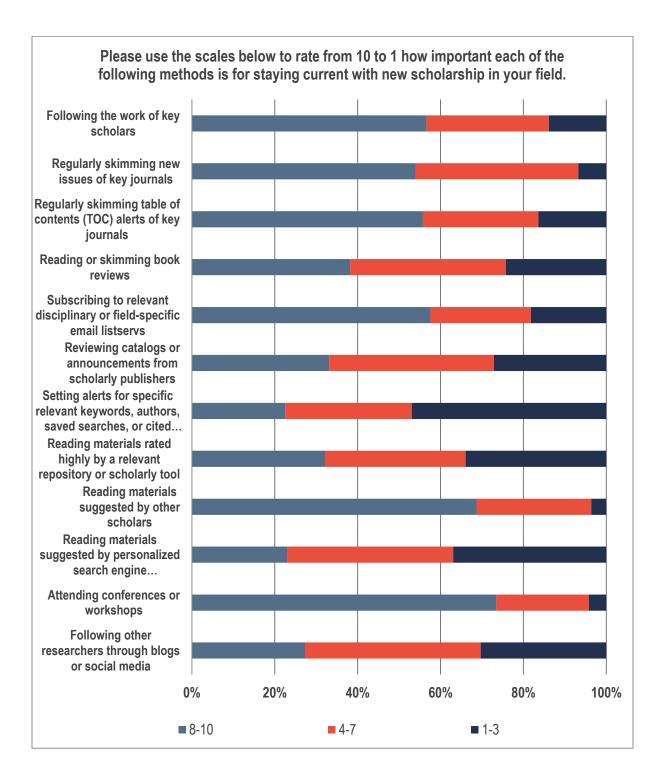


Q3

You may employ a variety of different tactics to "keep up" with current scholarship in your field on a regular basis. Please use the scales below to rate from 10 to 1 how important each of the following methods is for staying current with new scholarship in your field. [10 = extremely important; 1 = not at all important]

|   | 8-10    | 4-7     | 1-3     | Response |
|---|---------|---------|---------|----------|
| Following the work of key scholars  | 56.63%  | 29.52%  | 13.86%  | 166      |
| Regularly skimming new issues of  |         |         |         |          |
| key journals  | 53.99%  | 39.26%  | 6.75%   | 163      |
| Regularly skimming table of contents                                      |         |         |         |          |
| (TOC) alerts of key journals  | 55.76%  | 27.88%  | 16.36%  | 165      |
| Reading or skimming book reviews  | 38.18%  | 37.58%  | 24.24%  | 165      |
| Subscribing to relevant disciplinary or field-specific email listservs    | 57.58%  | 24.24%  | 18.18%  | 165      |
| Reviewing catalogs or   |         |         |         |          |
| announcements from scholarly  | 00 4004 | 00 =00/ | 0= 4404 | 400      |
| publishers  | 33.13%  | 39.76%  | 27.11%  | 166      |
| Setting alerts for specific relevant                                      |         |         |         |          |
| keywords, authors, saved searches,  | 22 560/ | 20 400/ | 46 OE9/ | 164      |
| or cited references   | 22.56%  | 30.49%  | 46.95%  | 164      |
| Reading materials rated highly by a relevant repository or scholarly tool | 32.10%  | 33.95%  | 33.95%  | 162      |
| Reading materials suggested by  |         |         |         |          |
| other scholars  | 68.67%  | 27.71%  | 3.61%   | 166      |
| Reading materials suggested by  |         |         |         |          |
| personalized search engine  |         |         |         |          |
| recommendations   | 23.03%  | 40.00%  | 36.97%  | 165      |
| Attending conferences or workshops  | 73.49%  | 22.29%  | 4.22%   | 166      |
| Following other researchers through                                       |         |         |         |          |
| blogs or social media   | 27.27%  | 42.42%  | 30.30%  | 165      |

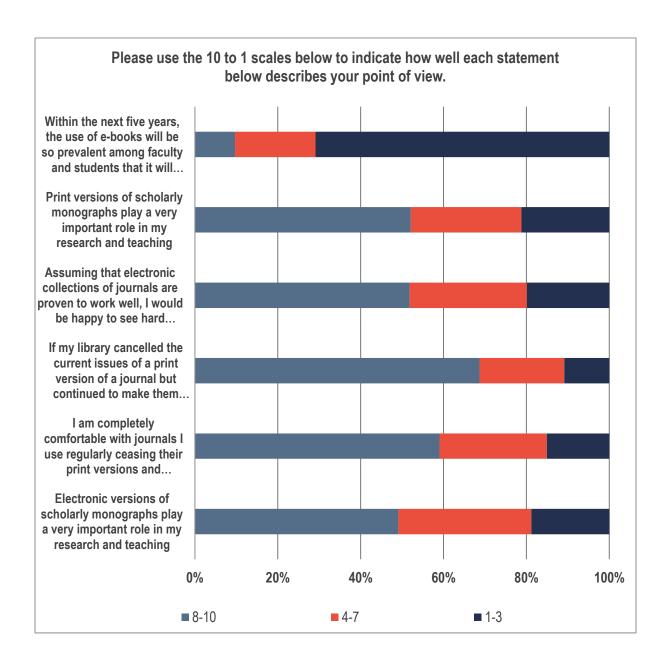
You may employ a variety of different tactics to "keep up" with current scholarship in your field on a regular basis. Please use the scales below to rate from 10 to 1 how important each of the following methods is for staying current with new scholarship in your field. [10 = extremely important; 1 = not at all important]



Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view — a 10 equals "Extremely well" and a 1 equals "Not at all well." You may pick any number on the scale. The higher the number, the better you think the statement describes your point of view. The lower the number, the less you think the statement describes your point of view. Please note: the phrase "scholarly monograph," which appears in this question and in other questions throughout this survey, refers to a single volume book published by a scholar for an academic audience.

|   | 8-10            | 4-7       | 1-3     | Response |
|---|-----------------|-----------|---------|----------|
| Within the next five years, the use of e-                         |                 |           |         |          |
| books will be so prevalent among                                  |                 |           |         |          |
| faculty and students that it will not be                          |                 |           |         |          |
| necessary to maintain library                                     |                 |           |         |          |
| collections of hard-copy books.                                   | 9.70%           | 19.39%    | 70.91%  | 165      |
| Print versions of scholarly monographs                            |                 |           |         |          |
| play a very important role in my                                  |                 |           |         |          |
| research and teaching   | 52.12%          | 26.67%    | 21.21%  | 165      |
| Assuming that electronic collections of                           |                 |           |         |          |
| journals are proven to work well, I                               |                 |           |         |          |
| would be happy to see hard copy                                   |                 |           |         |          |
| collections discarded and replaced                                |                 |           |         |          |
| entirely by electronic collections                                | 51.81%          | 28.31%    | 19.88%  | 166      |
| If my library cancelled the current                               |                 |           |         |          |
| issues of a print version of a journal but                        |                 |           |         |          |
| continued to make them available                                  |                 |           |         |          |
| electronically, that would be fine with                           |                 |           |         |          |
| me  | 68.67%          | 20.48%    | 10.84%  | 166      |
| I am completely comfortable with                                  |                 |           |         |          |
| journals I use regularly ceasing their                            |                 |           |         |          |
| print versions and publishing in                                  | <b>50.040</b> / | 0= 000/   | 4= 000/ | 400      |
| electronic-only form.   | 59.04%          | 25.90%    | 15.06%  | 166      |
| Electronic versions of scholarly                                  |                 |           |         |          |
| monographs play a very important role in my research and teaching | 49.09%          | 32.12%    | 18.79%  | 165      |
| in my research and teaching                                       | 49.09/0         | JZ. 1Z /0 | 10.73/0 | 105      |

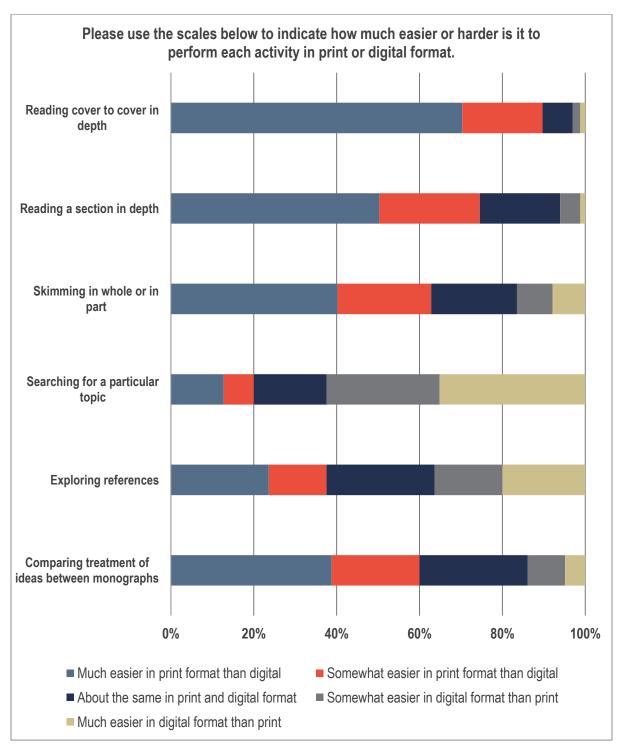
Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view – a 10 equals "Extremely well" and a 1 equals "Not at all well." You may pick any number on the scale. The higher the number, the better you think the statement describes your point of view. The lower the number, the less you think the statement describes your point of view. Please note: the phrase "scholarly monograph," which appears in this question and in other questions throughout this survey, refers to a single volume book published by a scholar for an academic audience.



Q5
Below is a list of ways you may use a scholarly monograph. Please think about doing each of these things with a scholarly monograph in print format or in digital format, and use the scales below to indicate how much easier or harder is it to perform each activity in print or digital format. Please select one answer for each item.

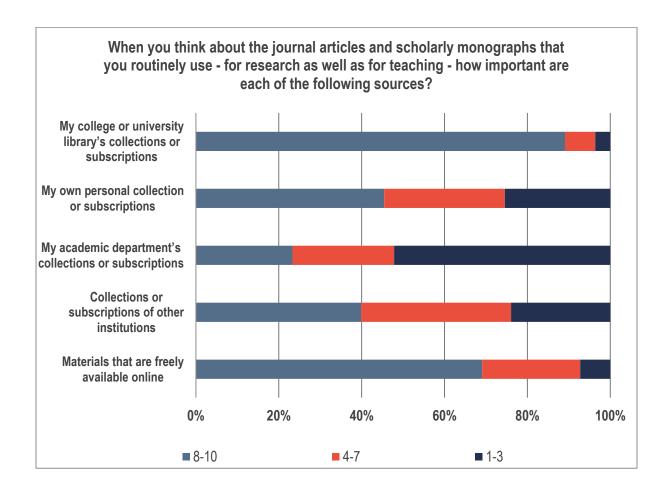
|                        | Much<br>easier<br>in print<br>format<br>than<br>digital | Somewhat<br>easier in<br>print<br>format<br>than<br>digital | About the same in print and digital format | Somewhat<br>easier in<br>digital<br>format<br>than print | Much<br>easier<br>in<br>digital<br>format<br>than<br>print | Response |
|------------------------|---|---|--|--|--|----------|
| Reading cover to       |   |   |  |  |  |          |
| cover in depth         | 70.30%  | 19.39%  | 7.27%                                      | 1.82%  | 1.21%  | 165      |
| Reading a              |   |   |  |  |  |          |
| section in depth       | 50.30%  | 24.24%  | 19.39%                                     | 4.85%  | 1.21%  | 165      |
| Skimming in            |   |   |  |  |  |          |
| whole or in part       | 40.24%  | 22.56%  | 20.73%                                     | 8.54%  | 7.93%  | 164      |
| Searching for a        |   |   |  |  |  |          |
| particular topic       | 12.73%  | 7.27%   | 17.58%                                     | 27.27%   | 35.15%   | 165      |
| Exploring references   | 23.64%  | 13.94%  | 26.06%                                     | 16.36%   | 20.00%   | 165      |
| Comparing treatment of |   |   |  |  |  |          |
| ideas between          |   |   |  |  |  |          |
| monographs             | 38.79%  | 21.21%  | 26.06%                                     | 9.09%  | 4.85%  | 165      |

Q5
Below is a list of ways you may use a scholarly monograph. Please think about doing each of these things with a scholarly monograph in print format or in digital format, and use the scales below to indicate how much easier or harder is it to perform each activity in print or digital format. Please select one answer for each item.



Q6
When you think about the journal articles and scholarly monographs that you routinely use - for research as well as for teaching - how important are each of the following sources? [10 = extremely important; 1 = not at all important]

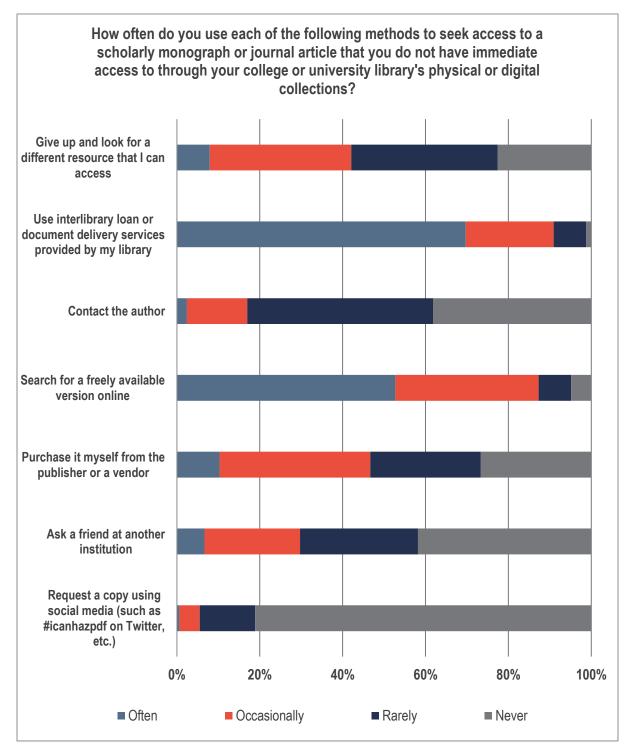
|                                       | 8-10   | 4-7    | 1-3    | Response |
|---------------------------------------|--------|--------|--------|----------|
| My college or university library's    |        |        |        |          |
| collections or subscriptions          | 89.09% | 7.27%  | 3.64%  | 165      |
| My own personal collection or         |        |        |        |          |
| subscriptions                         | 45.45% | 29.09% | 25.45% | 165      |
| My academic department's collections  |        |        |        |          |
| or subscriptions                      | 23.31% | 24.54% | 52.15% | 163      |
| Collections or subscriptions of other |        |        |        |          |
| institutions                          | 39.88% | 36.20% | 23.93% | 163      |
| Materials that are freely available   |        |        |        |          |
| online                                | 69.09% | 23.64% | 7.27%  | 165      |



Q7
When you want a scholarly monograph or journal article that you do not have immediate access to through your college or university library's physical or digital collections, how often do you use each of the following methods to seek access to that material?

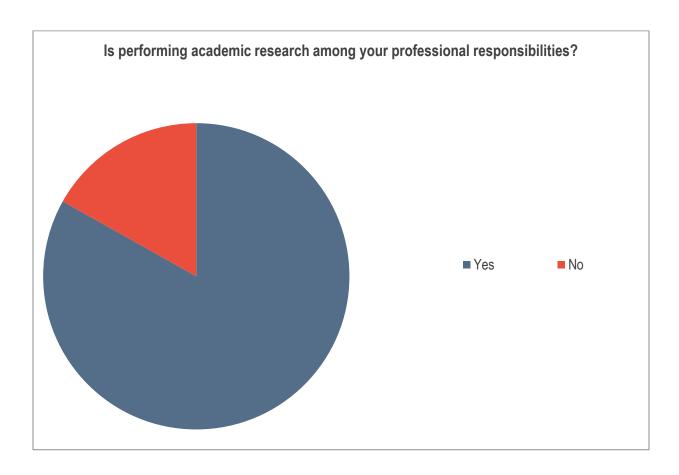
|   | Often    | Occasionally | Rarely   | Never    | Response |
|---|----------|--------------|----------|----------|----------|
| Give up and look for a                            |          |              |          |          |          |
| different resource that I                         |          |              |          |          |          |
| can access  | 7.93%    | 34.15%       | 35.37%   | 22.56%   | 164      |
| Use interlibrary loan or                          |          |              |          |          |          |
| document delivery                                 |          |              |          |          |          |
| services provided by my                           |          |              |          |          |          |
| library   | 69.70%   | 21.21%       | 7.88%    | 1.21%    | 165      |
|   |          |              |          |          |          |
|   |          |              |          |          | 405      |
| Contact the author                                | 2.42%    | 14.55%       | 44.85%   | 38.18%   | 165      |
| Search for a freely                               |          |              |          |          |          |
| available version online                          | 52.73%   | 34.55%       | 7.88%    | 4.85%    | 165      |
|   | 32.73%   | 34.55%       | 7.00%    | 4.00%    | 100      |
| Purchase it myself from the publisher or a vendor | 10.30%   | 36.36%       | 26.67%   | 26.67%   | 165      |
| •   | 10.30 /6 | 30.30 /6     | 20.07 /0 | 20.07 /0 | 103      |
| Ask a friend at another institution               | 6.67%    | 23.03%       | 28.48%   | 41.82%   | 165      |
| Request a copy using                              | 0.07 /0  | 20.0070      | 20.4070  | 71.0270  | 100      |
| social media (such as                             |          |              |          |          |          |
| #icanhazpdf on Twitter,                           |          |              |          |          |          |
| etc.)   | 0.61%    | 4.88%        | 13.41%   | 81.10%   | 164      |

Q7
When you want a scholarly monograph or journal article that you do not have immediate access to through your college or university library's physical or digital collections, how often do you use each of the following methods to seek access to that material?



Q8 Is performing academic research among your professional responsibilities?

|     | Response | Percent |
|-----|----------|---------|
| Yes | 138      | 83.13%  |
| No  | 28       | 16.87%  |
|     | 166      | 100.00% |



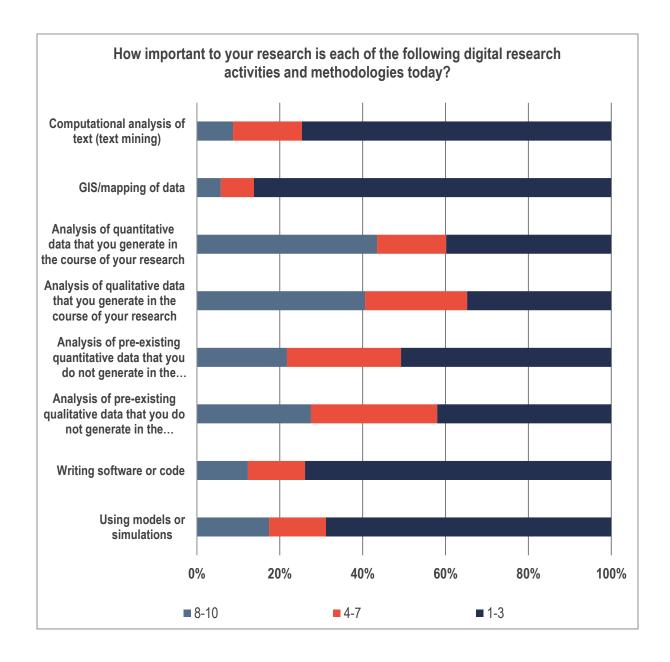
# Q9 [Contingent on respondent selecting "yes" in Q8]

How important to your research is each of the following digital research activities and methodologies today? [10 = extremely important; 1 = not at all important]

|  | 8-10   | 4-7    | 1-3    | Response |
|--|--------|--------|--------|----------|
| Computational analysis of text (text   |        |        |        |          |
| mining)                                | 8.70%  | 16.67% | 74.64% | 138      |
| GIS/mapping of data                    | 5.80%  | 7.97%  | 86.23% | 138      |
| Analysis of quantitative data that you |        |        |        |          |
| generate in the course of your         |        |        |        |          |
| research                               | 43.48% | 16.67% | 39.86% | 138      |
| Analysis of qualitative data that you  |        |        |        |          |
| generate in the course of your         |        |        |        |          |
| research                               | 40.58% | 24.64% | 34.78% | 138      |
| Analysis of pre-existing quantitative  |        |        |        |          |
| data that you do not generate in the   |        |        |        |          |
| course of your research                | 21.74% | 27.54% | 50.72% | 138      |
| Analysis of pre-existing qualitative   |        |        |        |          |
| data that you do not generate in the   |        |        |        |          |
| course of your research                | 27.54% | 30.43% | 42.03% | 138      |
| Writing software or code               | 12.32% | 13.77% | 73.91% | 138      |
| Using models or simulations            | 17.39% | 13.77% | 68.84% | 138      |

## Q9 [Contingent on respondent selecting "yes" in Q8]

How important to your research is each of the following digital research activities and methodologies today? [10 = extremely important; 1 = not at all important]



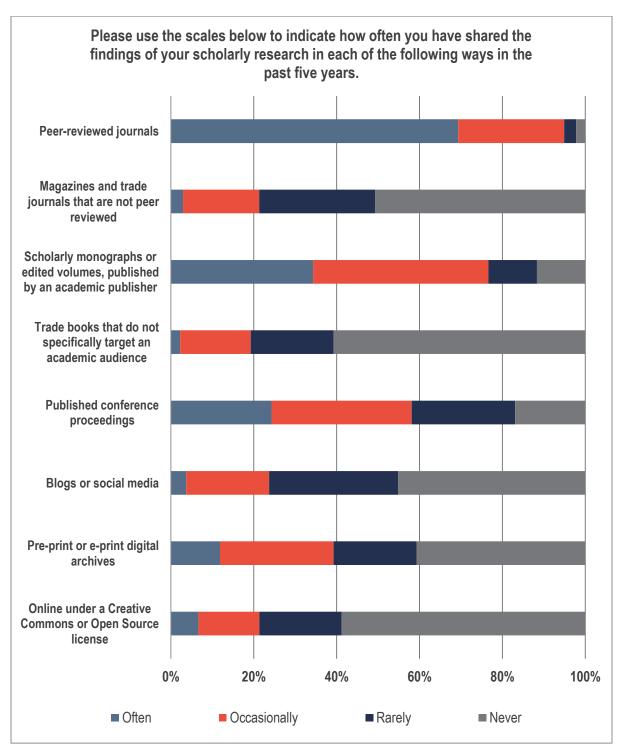
# Q10 [Contingent on respondent selecting "yes" in Q8]

You may have the opportunity to share the findings of your scholarly research in a variety of different formats. Please use the scales below to indicate how often you have shared the findings of your scholarly research in each of the following ways in the past five years.

|                                | Often  | Occasionally | Rarely | Never  | Response |
|--------------------------------|--------|--------------|--------|--------|----------|
|                                |        |              |        |        |          |
| Peer-reviewed journals         | 69.34% | 25.55%       | 2.92%  | 2.19%  | 137      |
| Magazines and trade            |        |              |        |        |          |
| journals that are not peer     |        |              |        |        |          |
| reviewed                       | 2.94%  | 18.38%       | 27.94% | 50.74% | 136      |
| Scholarly monographs or        |        |              |        |        |          |
| edited volumes, published      |        |              |        |        |          |
| by an academic publisher       | 34.31% | 42.34%       | 11.68% | 11.68% | 137      |
| Trade books that do not        |        |              |        |        |          |
| specifically target an         |        |              |        |        |          |
| academic audience              | 2.22%  | 17.04%       | 20.00% | 60.74% | 135      |
| Published conference           |        |              |        |        |          |
| proceedings                    | 24.26% | 33.82%       | 25.00% | 16.91% | 136      |
|                                |        |              |        |        |          |
| Blogs or social media          | 3.70%  | 20.00%       | 31.11% | 45.19% | 135      |
| Pre-print or e-print digital   |        |              |        |        |          |
| archives                       | 11.85% | 27.41%       | 20.00% | 40.74% | 135      |
| Online under a Creative        |        |              |        |        |          |
| Commons or Open Source license | 6.62%  | 14.71%       | 19.85% | 58.82% | 136      |

## Q10 [Contingent on respondent selecting "yes" in Q8]

You may have the opportunity to share the findings of your scholarly research in a variety of different formats. Please use the scales below to indicate how often you have shared the findings of your scholarly research in each of the following ways in the past five years.



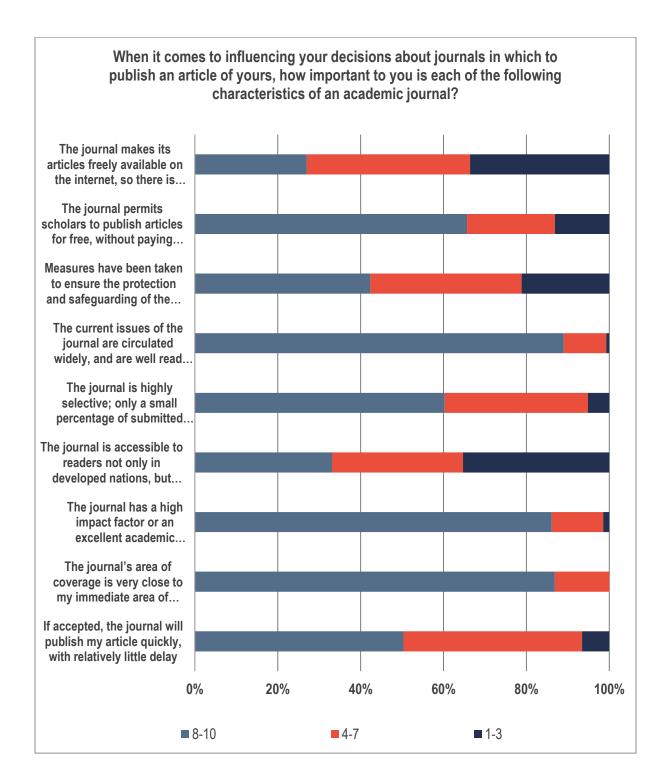
# Q11 [Contingent on respondent selecting "yes" in Q8]

When it comes to influencing your decisions about journals in which to publish an article of yours, how important to you is each of the following characteristics of an academic journal? [10 = extremely important; 1 = not at all important]

|   | 8-10    | 4-7    | 1-3    | Response |
|---|---------|--------|--------|----------|
| The journal makes its articles freely                       |         |        |        |          |
| available on the internet, so there is no                   |         |        |        |          |
| cost to purchase or read                                    | 27.01%  | 39.42% | 33.58% | 137      |
| The journal permits scholars to publish                     |         |        |        |          |
| articles for free, without paying page or                   |         |        |        |          |
| article charges   | 65.69%  | 21.17% | 13.14% | 137      |
| Measures have been taken to ensure                          |         |        |        |          |
| the protection and safeguarding of the                      |         |        |        |          |
| journal's content for the long term                         | 42.34%  | 36.50% | 21.17% | 137      |
| The current issues of the journal are                       |         |        |        |          |
| circulated widely, and are well read by                     |         |        |        |          |
| scholars in your field                                      | 89.05%  | 10.22% | 0.73%  | 137      |
| The journal is highly selective; only a                     |         |        |        |          |
| small percentage of submitted articles                      |         |        |        |          |
| are published   | 60.29%  | 34.56% | 5.15%  | 136      |
| The journal is accessible to readers not                    |         |        |        |          |
| only in developed nations, but also in                      | 33.09%  | 31.62% | 35.29% | 136      |
| developing nations  The journal has a high impact factor or | 33.09%  | 31.02% | 35.29% | 130      |
| an excellent academic reputation                            | 86.13%  | 12.41% | 1.46%  | 137      |
| The journal's area of coverage is very                      | 33.1370 | . 2 70 | 111070 |          |
| close to my immediate area of                               |         |        |        |          |
| research  | 86.86%  | 13.14% |        | 137      |
| If accepted, the journal will publish my                    |         |        |        |          |
| article quickly, with relatively little delay               | 50.36%  | 43.07% | 6.57%  | 137      |

## Q11 [Contingent on respondent selecting "yes" in Q8]

When it comes to influencing your decisions about journals in which to publish an article of yours, how important to you is each of the following characteristics of an academic journal? [10 = extremely important; 1 = not at all important]



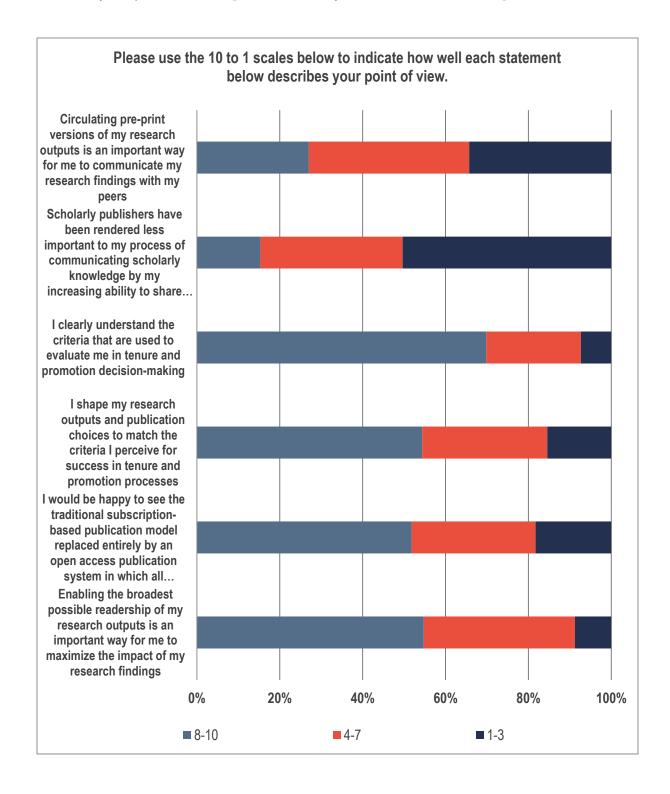
# Q12 [Contingent on respondent selecting "yes" in Q8]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

|  | 8-10     | 4-7      | 1-3      | Response |
|--|----------|----------|----------|----------|
| Circulating pre-print versions of my                               |          |          |          |          |
| research outputs is an important way                               |          |          |          |          |
| for me to communicate my research                                  |          |          |          |          |
| findings with my peers   | 27.01%   | 38.69%   | 34.31%   | 137      |
| Scholarly publishers have been                                     |          |          |          |          |
| rendered less important to my process                              |          |          |          |          |
| of communicating scholarly knowledge                               |          |          |          |          |
| by my increasing ability to share my                               |          |          |          |          |
| work directly with peers online                                    | 15.33%   | 34.31%   | 50.36%   | 137      |
| I clearly understand the criteria that are                         |          |          |          |          |
| used to evaluate me in tenure and                                  |          |          |          |          |
| promotion decision-making  | 69.85%   | 22.79%   | 7.35%    | 136      |
| I shape my research outputs and                                    |          |          |          |          |
| publication choices to match the                                   |          |          |          |          |
| criteria I perceive for success in tenure                          |          |          |          |          |
| and promotion processes  | 54.41%   | 30.15%   | 15.44%   | 136      |
| I would be happy to see the traditional                            |          |          |          |          |
| subscription-based publication model                               |          |          |          |          |
| replaced entirely by an open access                                |          |          |          |          |
| publication system in which all                                    |          |          |          |          |
| scholarly research outputs would be freely available to the public | 51.82%   | 29.93%   | 18.25%   | 137      |
| Enabling the broadest possible                                     | J1.02 /0 | 23.33 /0 | 10.23 /0 | 137      |
| readership of my research outputs is                               |          |          |          |          |
| an important way for me to maximize                                |          |          |          |          |
| the impact of my research findings                                 | 54.74%   | 36.50%   | 8.76%    | 137      |

### Q12 [Contingent on respondent selecting "yes" in Q8]

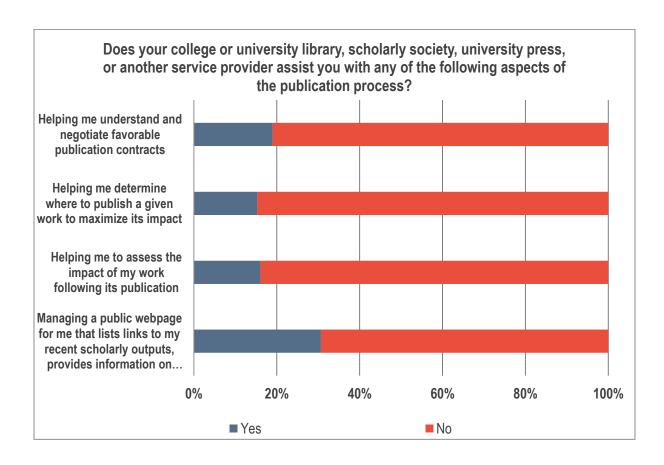
Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]



# Q13 [Contingent on respondent selecting "yes" in Q8]

Does your college or university library, scholarly society, university press, or another service provider assist you with any of the following aspects of the publication process?

|   | Yes    | No     | Response |
|---|--------|--------|----------|
|   |        |        |          |
| Helping me understand and negotiate     |        |        |          |
| favorable publication contracts         | 18.98% | 81.02% | 137      |
| Helping me determine where to publish   |        |        |          |
| a given work to maximize its impact     | 15.33% | 84.67% | 137      |
|   |        |        |          |
| Helping me to assess the impact of my   |        |        |          |
| work following its publication          | 16.06% | 83.94% | 137      |
| Managing a public webpage for me        |        |        |          |
| that lists links to my recent scholarly |        |        |          |
| outputs, provides information on my     |        |        |          |
| areas of research and teaching, and     |        |        |          |
| provides contact information for me     | 30.66% | 69.34% | 137      |



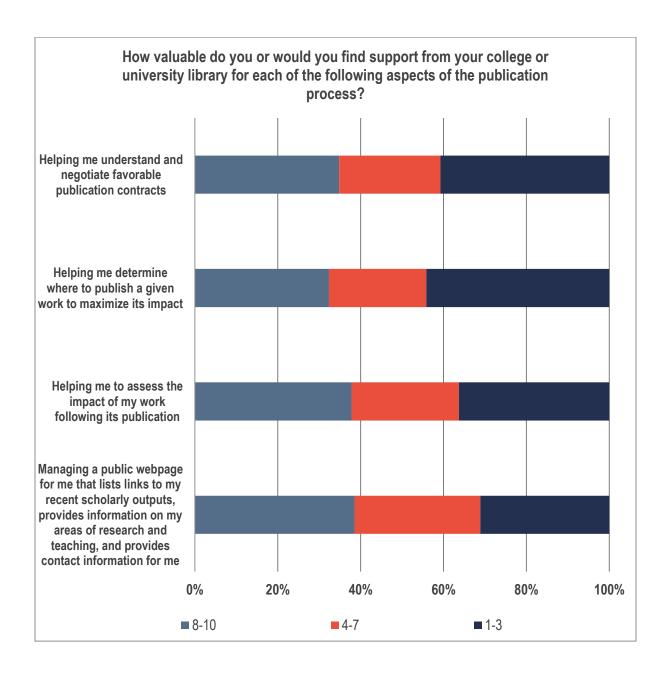
# Q14 [Contingent on respondent selecting "yes" in Q8]

How valuable do you find support from your college or university library for each of the following aspects of the publication process, or how valuable would you find it if this support was offered to you? [10 = extremely valuable; 1 = not at all valuable]

|   | 8-10   | 4-7    | 1-3    | Response |
|---|--------|--------|--------|----------|
|   |        |        |        |          |
| Helping me understand and negotiate     |        |        |        |          |
| favorable publication contracts         | 34.81% | 24.44% | 40.74% | 135      |
| Helping me determine where to publish   |        |        |        |          |
| a given work to maximize its impact     | 32.35% | 23.53% | 44.12% | 136      |
|   |        |        |        |          |
| Helping me to assess the impact of my   |        |        |        |          |
| work following its publication          | 37.78% | 25.93% | 36.30% | 135      |
| Managing a public webpage for me        |        |        |        |          |
| that lists links to my recent scholarly |        |        |        |          |
| outputs, provides information on my     |        |        |        |          |
| areas of research and teaching, and     |        |        |        |          |
| provides contact information for me     | 38.52% | 30.37% | 31.11% | 135      |

# Q14 [Contingent on respondent selecting "yes" in Q8]

How valuable do you find support from your college or university library for each of the following aspects of the publication process, or how valuable would you find it if this support was offered to you? [10 = extremely valuable; 1 = not at all valuable]



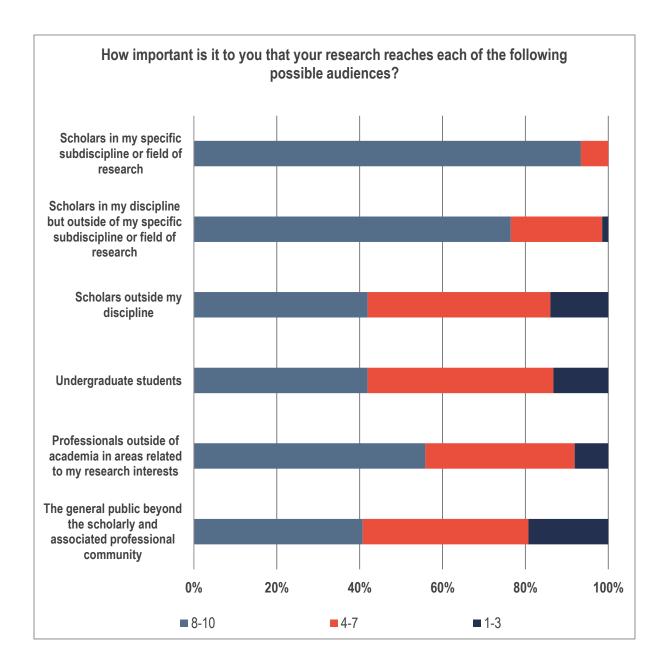
# Q15 [Contingent on respondent selecting "yes" in Q8]

How important is it to you that your research reaches each of the following possible audiences? [10 = extremely important; 1 = not at all important]

|                                      | 8-10    | 4-7     | 1-3     | Response |
|--------------------------------------|---------|---------|---------|----------|
| 0.1.1                                |         |         |         |          |
| Scholars in my specific              |         |         |         |          |
| subdiscipline or field of research   | 93.38%  | 6.62%   |         | 136      |
| Scholars in my discipline but        |         |         |         |          |
| outside of my specific subdiscipline |         |         |         |          |
| or field of research                 | 76.47%  | 22.06%  | 1.47%   | 136      |
|                                      |         |         |         |          |
| Scholars outside my discipline       | 44 040/ | 44 400/ | 42.070/ | 136      |
| Scholars outside my discipline       | 41.91%  | 44.12%  | 13.97%  | 130      |
|                                      |         |         |         |          |
| Undergraduate students               | 41.91%  | 44.85%  | 13.24%  | 136      |
| Professionals outside of academia    |         |         |         |          |
| in areas related to my research      |         |         |         |          |
| interests                            | 55.88%  | 36.03%  | 8.09%   | 136      |
| The general public beyond the        |         |         |         |          |
| scholarly and associated             |         |         |         |          |
| professional community               | 40.74%  | 40.00%  | 19.26%  | 135      |

# Q15 [Contingent on respondent selecting "yes" in Q8]

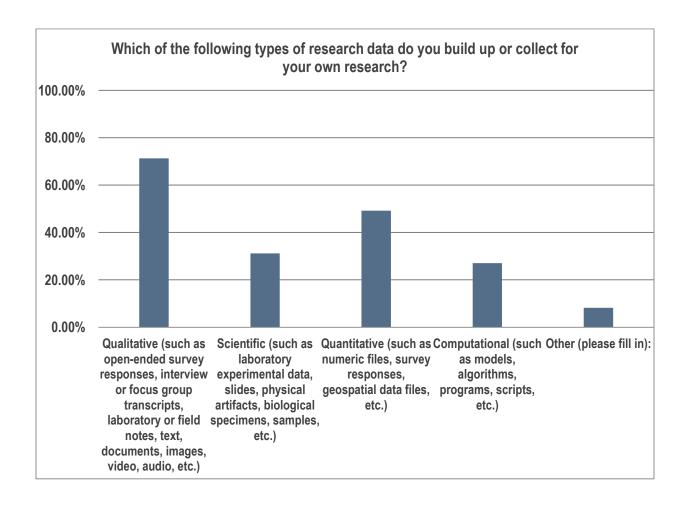
How important is it to you that your research reaches each of the following possible audiences? [10 = extremely important; 1 = not at all important]



# Q16 [Contingent on respondent selecting "yes" in Q8] [Multiple selections possible]

Which of the following types of research data do you build up or collect for your own research? Please select all that apply:

|  | Response | Percent |
|--|----------|---------|
| Qualitative (such as open-ended survey responses, interview or     |          |         |
| focus group transcripts, laboratory or field notes, text,          |          |         |
| documents, images, video, audio, etc.)                             | 87       | 71.31%  |
| Scientific (such as laboratory experimental data, slides, physical |          |         |
| artifacts, biological specimens, samples, etc.)                    | 38       | 31.15%  |
| Quantitative (such as numeric files, survey responses,             |          |         |
| geospatial data files, etc.)                                       | 60       | 49.18%  |
| Computational (such as models, algorithms, programs, scripts,      |          |         |
| etc.)  | 33       | 27.05%  |
| Other (please fill in):  | 10       | 8.20%   |
|  | 228      |         |



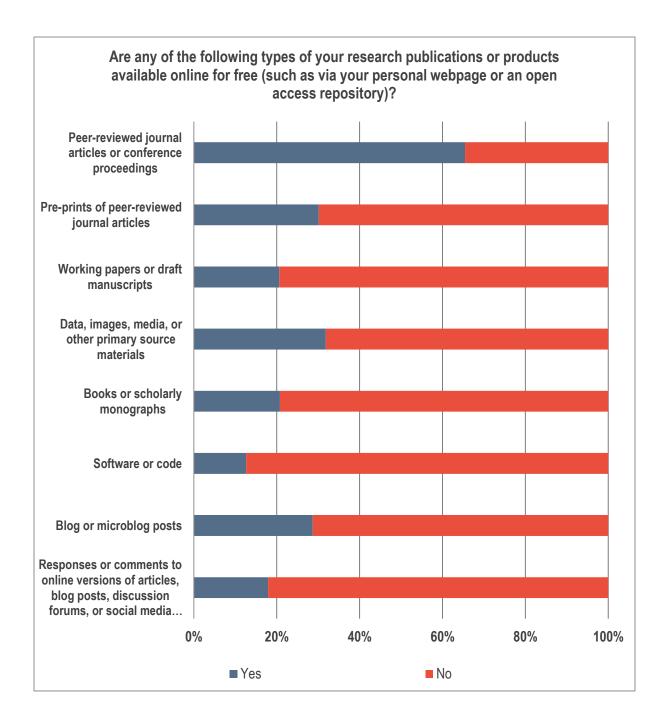
# Q17 [Contingent on respondent selecting "yes" in Q8]

Are any of the following types of your research publications or products available online for free (such as via your personal webpage or an open access repository)?

|  | Yes     | No      | Response |
|--|---------|---------|----------|
| Peer-reviewed journal articles or conference   |         |         |          |
| proceedings                                    | 65.44%  | 34.56%  | 136      |
| Pre-prints of peer-reviewed journal articles   | 30.15%  | 69.85%  | 136      |
| Working papers or draft manuscripts            | 20.59%  | 79.41%  | 136      |
| Data, images, media, or other primary source   |         |         |          |
| materials                                      | 31.85%  | 68.15%  | 135      |
| Books or scholarly monographs                  | 20.74%  | 79.26%  | 135      |
| Software or code                               | 12.59%  | 87.41%  | 135      |
| Blog or microblog posts                        | 28.68%  | 71.32%  | 136      |
| Responses or comments to online versions       |         |         |          |
| of articles, blog posts, discussion forums, or | 4= 0404 | 00.000/ | 101      |
| social media conversations                     | 17.91%  | 82.09%  | 134      |

### Q17 [Contingent on respondent selecting "yes" in Q8]

Are any of the following types of your research publications or products available online for free (such as via your personal webpage or an open access repository)?



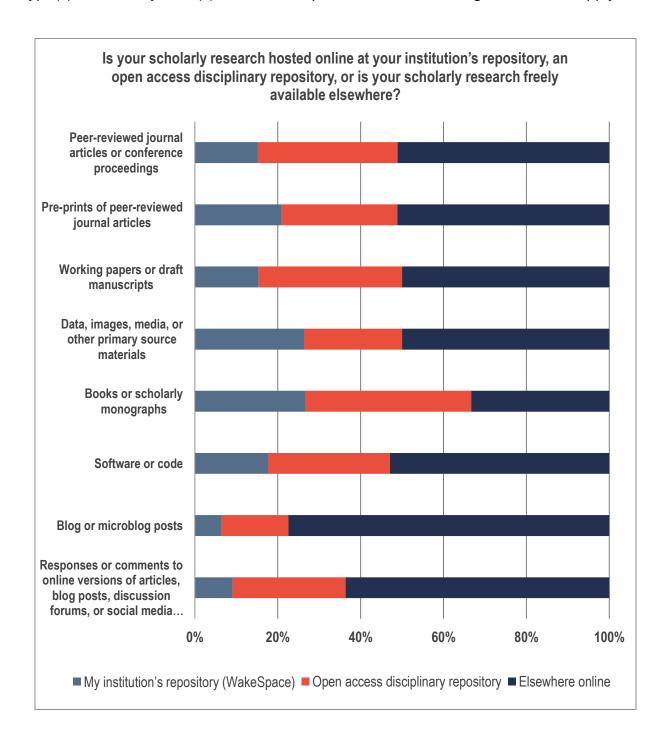
### Q18 [Contingent on respondent selecting "yes" in Q8] [Response options contingent on response to Q17]

Is your scholarly research hosted online at your institution's repository (WakeSpace), an open access disciplinary repository (such as PubMed, SSRN, etc.), or is your scholarly research freely available elsewhere (such as your personal webpage)? For each of the type(s) of scholarly work(s) listed below, please select all hosting sources that apply:

|                                   | My institution's repository (WakeSpace) | Open access disciplinary repository | Elsewhere online | Response |
|-----------------------------------|---|-------------------------------------|------------------|----------|
| Peer-reviewed                     |   |                                     |                  |          |
| journal articles or               |   |                                     |                  |          |
| conference                        |   |                                     |                  |          |
| proceedings                       | 18.18%                                  | 40.26%                              | 61.04%           | 92       |
| Pre-prints of peer-               |   |                                     |                  |          |
| reviewed journal                  |   |                                     |                  |          |
| articles                          | 23.68%                                  | 31.58%                              | 57.89%           | 43       |
| Working papers or                 |   |                                     |                  |          |
| draft manuscripts                 | 16.00%                                  | 36.00%                              | 52.00%           | 26       |
| Data, images,                     |   |                                     |                  |          |
| media, or other                   |   |                                     |                  |          |
| primary source                    |   |                                     |                  |          |
| materials                         | 27.78%                                  | 25.00%                              | 52.78%           | 38       |
| Books or scholarly                |   |                                     |                  |          |
| monographs                        | 32.00%                                  | 48.00%                              | 40.00%           | 30       |
| Software or code                  | 20.00%                                  | 33.33%                              | 60.00%           | 17       |
| Blog or microblog                 |   |                                     |                  |          |
| posts                             | 6.67%                                   | 16.67%                              | 80.00%           | 31       |
| Responses or                      |   |                                     |                  |          |
| comments to online                |   |                                     |                  |          |
| versions of articles,             |   |                                     |                  |          |
| blog posts,<br>discussion forums, |   |                                     |                  |          |
| or social media                   |   |                                     |                  |          |
| conversations                     | 9.52%                                   | 28.57%                              | 66.67%           | 22       |

### Q18 [Contingent on respondent selecting "yes" in Q8] [Response options contingent on response to Q17]

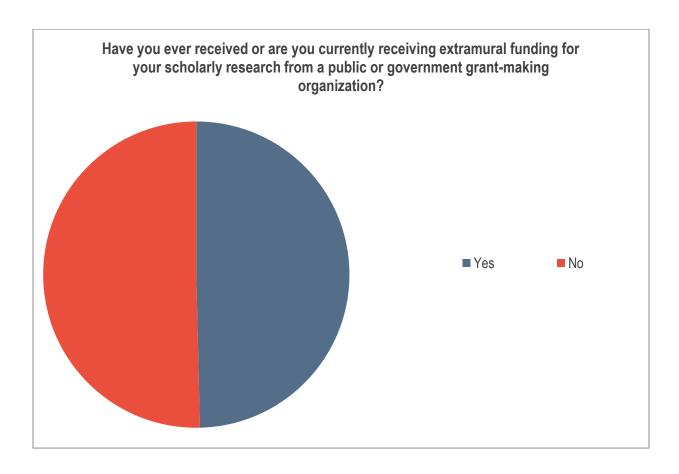
Is your scholarly research hosted online at your institution's repository (WakeSpace), an open access disciplinary repository (such as PubMed, SSRN, etc.), or is your scholarly research freely available elsewhere (such as your personal webpage)? For each of the type(s) of scholarly work(s) listed below, please select all hosting sources that apply:



#### Q19 [Contingent on respondent selecting "yes" in Q8]

Have you ever received or are you currently receiving extramural funding for your scholarly research from a public or government grant-making organization (such as the NSF, NIH, NEH, etc.)?

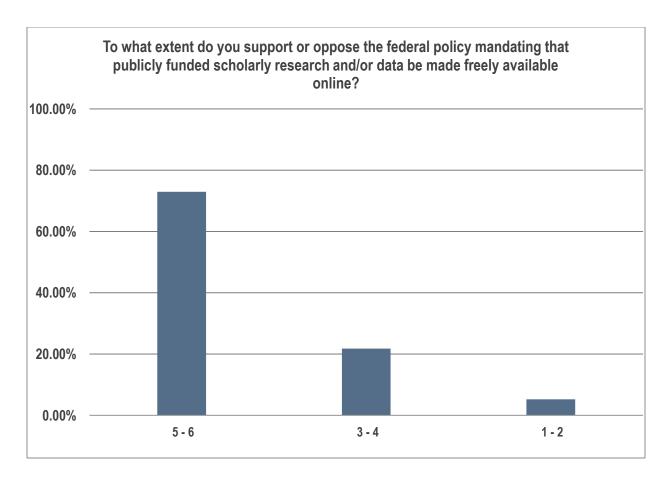
|     | Response | Percent |
|-----|----------|---------|
| Yes | 66       | 49.62%  |
| No  | 67       | 50.38%  |
|     | 133      | 100.00% |



#### Q20 [Contingent on respondent selecting "yes" in Q8]

To what extent do you support or oppose the federal policy mandating that publicly funded scholarly research and/or data be made freely available online (i.e., via an open access repository or database)? [6 = highly support; 1 = highly oppose]

|       | Response | Percent |
|-------|----------|---------|
| 5 - 6 | 97       | 72.93%  |
| 3 - 4 | 29       | 21.80%  |
| 1 - 2 | 7        | 5.26%   |
|       | 133      | 100.00% |



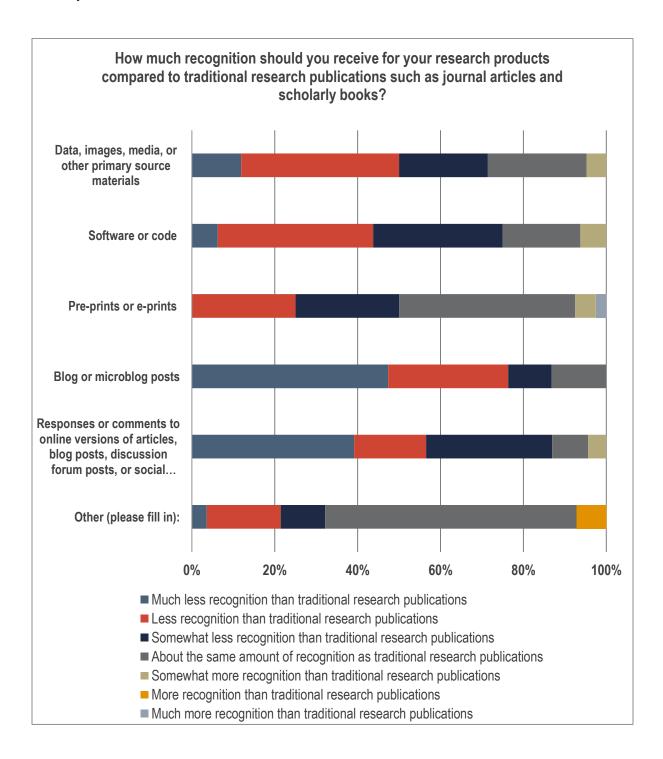
### Q21 [Contingent on respondent selecting "yes" in Q8] [Response options contingent on response to Q17]

And, when you think about how your work is assessed, such as for tenure, promotion, or research funding, how much recognition should you receive for your research products compared to traditional research publications such as journal articles and scholarly books?

|   | Much less<br>recognition<br>than<br>traditional<br>research<br>publications | Less<br>recognition<br>than<br>traditional<br>research<br>publications | Somewhat<br>less<br>recognition<br>than<br>traditional<br>research<br>publications | About the same amount of recognition as traditional research publications | Somewhat<br>more<br>recognition<br>than<br>traditional<br>research<br>publications | More recognition than traditional research publications | Much more recognition than traditional research publications | Response |
|---|---|--|--|---|--|---|--|----------|
| Data, images,   |   |  |  |   |  |   |  |          |
| media, or   |   |  |  |   |  |   |  |          |
| other primary source  |   |  |  |   |  |   |  |          |
| materials   | 11.90%  | 38.10%   | 21.43%   | 23.81%  | 4.76%  |   |  | 42       |
| Software or   |   |  |  |   |  |   |  |          |
| code  | 6.25%   | 37.50%   | 31.25%   | 18.75%  | 6.25%  |   |  | 16       |
| Pre-prints or e-prints  |   | 25.00%   | 25.00%   | 42.50%  | 5.00%  |   | 2.50%  | 40       |
| Blog or<br>microblog  |   |  |  |   |  |   |  |          |
| posts   | 47.37%  | 28.95%   | 10.53%   | 13.16%  |  |   |  | 38       |
| Responses or comments to online versions of articles, blog posts, discussion forum posts, or social media conversations | 39.13%  | 17.39%   | 30.43%   | 8.70%   | 4.35%  |   |  | 23       |
| CONVENSATIONS   | 39.1370   | 17.3970  | 30.4370  | 0.70%   | 4.33%  |   |  | 23       |
| Other (please fill in):   | 3.57%   | 17.86%   | 10.71%   | 60.71%  |  | 7.14%   |  | 28       |

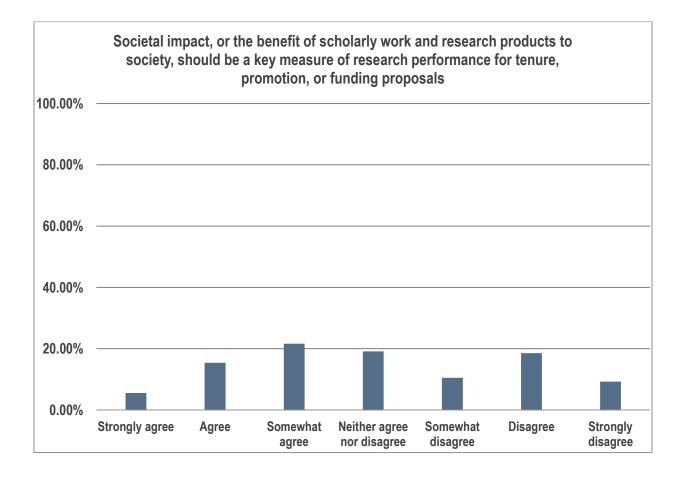
### Q21 [Contingent on respondent selecting "yes" in Q8] [Response options contingent on response to Q17]

And, when you think about how your work is assessed, such as for tenure, promotion, or research funding, how much recognition should you receive for your research products compared to traditional research publications such as journal articles and scholarly books?



Q22 Societal impact, or the benefit of scholarly work and research products to society, should be a key measure of research performance for tenure, promotion, or funding proposals

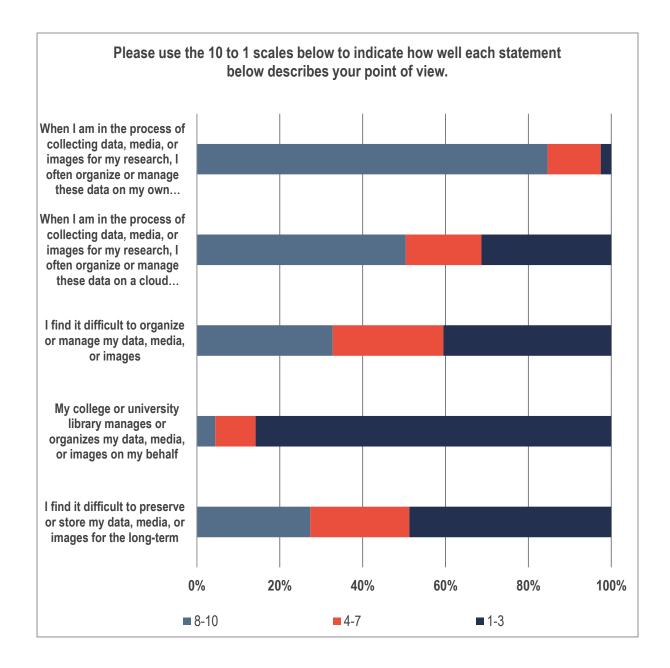
|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly agree             | 9        | 5.56%   |
| Agree                      | 25       | 15.43%  |
| Somewhat agree             | 35       | 21.60%  |
| Neither agree nor disagree | 31       | 19.14%  |
| Somewhat disagree          | 17       | 10.49%  |
| Disagree                   | 30       | 18.52%  |
| Strongly disagree          | 15       | 9.26%   |
|                            | 162      | 100.00% |



#### Q23 [Contingent on respondent selecting at least one option in Q16]

|  | 8-10   | 4-7    | 1-3    | Response |
|--|--------|--------|--------|----------|
| When I am in the process of              |        |        |        |          |
| collecting data, media, or images        |        |        |        |          |
| for my research, I often organize or     |        |        |        |          |
| manage these data on my own              |        |        |        |          |
| computer or computers                    | 84.62% | 12.82% | 2.56%  | 117      |
| When I am in the process of              |        |        |        |          |
| collecting data, media, or images        |        |        |        |          |
| for my research, I often organize or     |        |        |        |          |
| manage these data on a cloud             |        |        |        |          |
| storage service (such as Google          |        |        |        |          |
| Drive, Dropbox, Flickr, etc.)            | 50.43% | 18.26% | 31.30% | 115      |
| I find it difficult to organize or       |        |        |        |          |
| manage my data, media, or images         | 32.76% | 26.72% | 40.52% | 116      |
| My college or university library         |        |        |        |          |
| manages or organizes my data,            |        |        |        |          |
| media, or images on my behalf            | 4.42%  | 9.73%  | 85.84% | 113      |
| I find it difficult to preserve or store |        |        |        |          |
| my data, media, or images for the        |        |        |        |          |
| long-term                                | 27.35% | 23.93% | 48.72% | 117      |

#### Q23 [Contingent on respondent selecting at least one option in Q16]



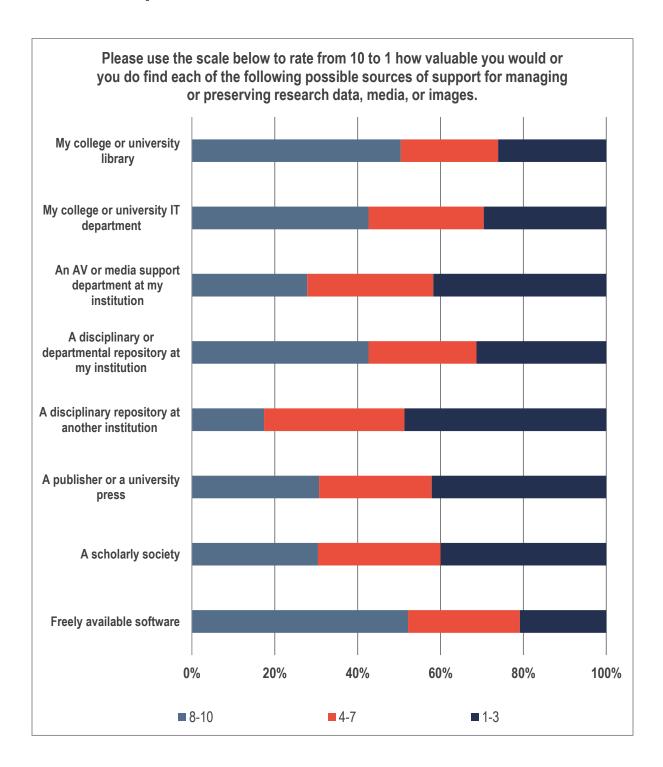
### Q24 [Contingent on respondent selecting at least one option in Q16]

Please use the scale below to rate from 10 to 1 how valuable you would find each of the following possible sources of support for managing or preserving research data, media, or images or how valuable you do find each of the following sources of support for managing or preserving research data, media, or images. [10 = extremely valuable; 1 = not at all valuable]

|  | 8-10   | 4-7    | 1-3    | Response |
|--|--------|--------|--------|----------|
|  |        |        |        |          |
| My college or university library       | 50.43% | 23.48% | 26.09% | 115      |
| My college or university IT department | 42.61% | 27.83% | 29.57% | 115      |
| An AV or media support department at   |        |        |        |          |
| my institution                         | 27.83% | 30.43% | 41.74% | 115      |
| A disciplinary or departmental         |        |        |        |          |
| repository at my institution           | 42.61% | 26.09% | 31.30% | 115      |
| A disciplinary repository at another   |        |        |        |          |
| institution                            | 17.39% | 33.91% | 48.70% | 115      |
|  |        |        |        |          |
| A publisher or a university press      | 30.70% | 27.19% | 42.11% | 114      |
|  |        |        |        |          |
| A scholarly society                    | 30.43% | 29.57% | 40.00% | 115      |
|  |        |        |        |          |
| Freely available software              | 52.17% | 26.96% | 20.87% | 115      |

#### Q24 [Contingent on respondent selecting at least one option in Q16]

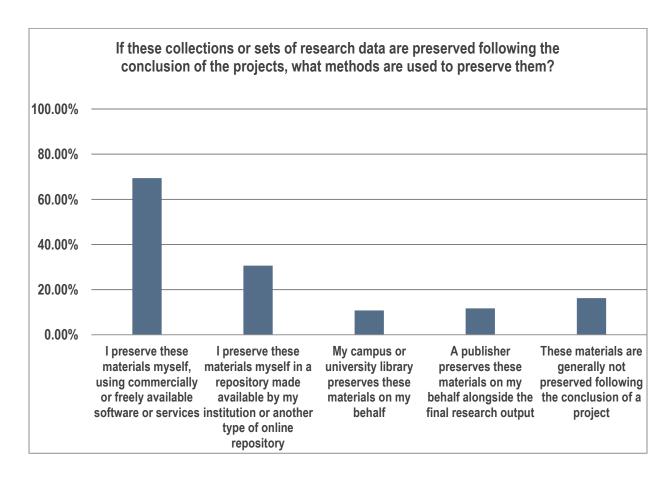
Please use the scale below to rate from 10 to 1 how valuable you would find each of the following possible sources of support for managing or preserving research data, media, or images or how valuable you do find each of the following sources of support for managing or preserving research data, media, or images. [10 = extremely valuable; 1 = not at all valuable]



### Q25 [Contingent on respondent selecting at least one option in Q16] [Multiple selections possible]

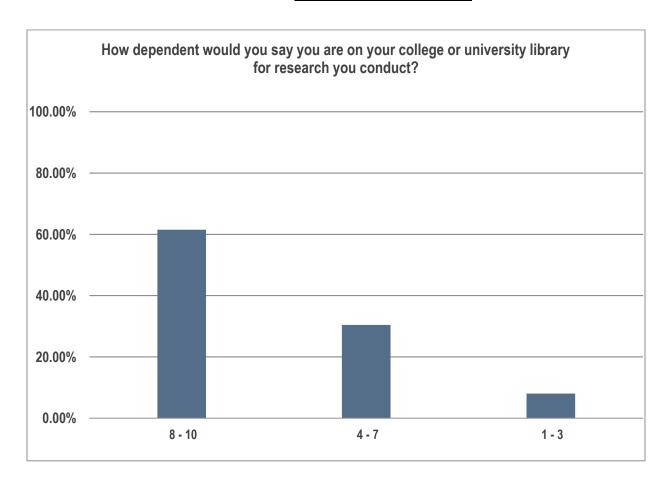
If these collections or sets of research data are preserved following the conclusion of the projects, what methods are used to preserve them? Please select each method by which they are preserved or indicate that they are not preserved.

|   | Response | Percent |
|---|----------|---------|
| I preserve these materials myself, using commercially or freely available software or services                          | 77       | 69.37%  |
| I preserve these materials myself in a repository made available by my institution or another type of online repository | 34       | 30.63%  |
| My campus or university library preserves these materials on my behalf  | 12       | 10.81%  |
| A publisher preserves these materials on my behalf alongside the final research output                                  | 13       | 11.71%  |
| These materials are generally not preserved following the conclusion of a project                                       | 18       | 16.22%  |
|   | 154      |         |



Q26
How dependent would you say you are on your college or university library for research you conduct? [10 = completely dependent; 1 = not at all dependent]

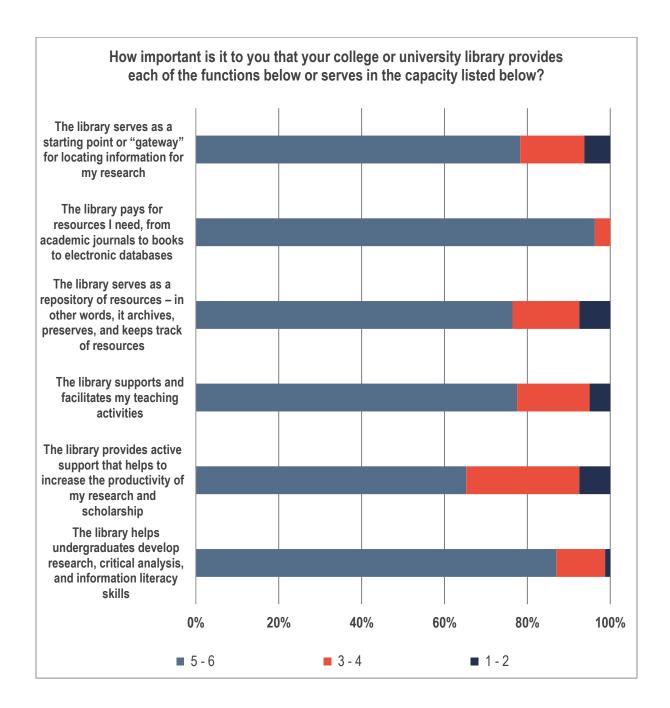
|        | Response | Percent |
|--------|----------|---------|
| 8 - 10 | 99       | 61.49%  |
| 4 - 7  | 49       | 30.43%  |
| 1 - 3  | 13       | 8.07%   |
|        | 161      | 100.00% |



Q27
How important is it to you that your college or university library provides each of the functions below or serves in the capacity listed below? [6 = extremely important; 1 = not at all important]

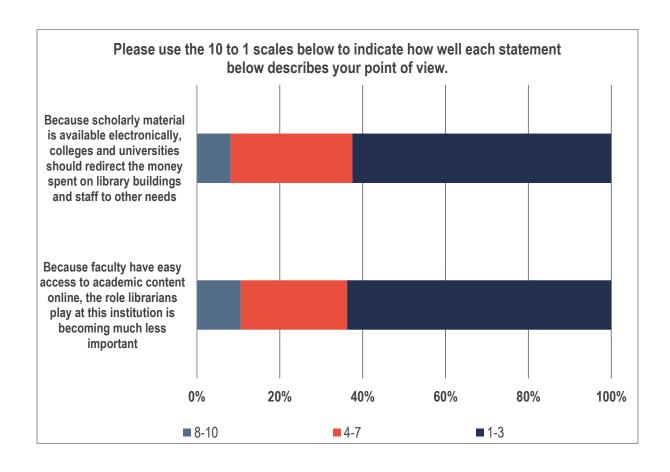
|                                      | 5-6    | 3-4    | 1-2   | Response |
|--------------------------------------|--------|--------|-------|----------|
| The library serves as a starting     |        |        |       |          |
| point or "gateway" for locating      |        |        |       |          |
| information for my research          | 78.26% | 15.53% | 6.21% | 161      |
| The library pays for resources I     |        |        |       |          |
| need, from academic journals to      |        |        |       |          |
| books to electronic databases        | 96.27% | 3.73%  |       | 161      |
| The library serves as a repository   |        |        |       |          |
| of resources – in other words, it    |        |        |       |          |
| archives, preserves, and keeps       |        |        |       |          |
| track of resources                   | 76.40% | 16.15% | 7.45% | 161      |
| The library supports and facilitates |        |        |       |          |
| The library supports and facilitates |        |        |       | 400      |
| my teaching activities               | 77.50% | 17.50% | 5.00% | 160      |
| The library provides active support  |        |        |       |          |
| that helps to increase the           |        |        |       |          |
| productivity of my research and      |        |        |       |          |
| scholarship                          | 65.22% | 27.33% | 7.45% | 161      |
| The library helps undergraduates     |        |        |       |          |
| develop research, critical analysis, |        |        |       |          |
| and information literacy skills      | 86.96% | 11.80% | 1.24% | 161      |

Q27
How important is it to you that your college or university library provides each of the functions below or serves in the capacity listed below? [6 = extremely important; 1 = not at all important]



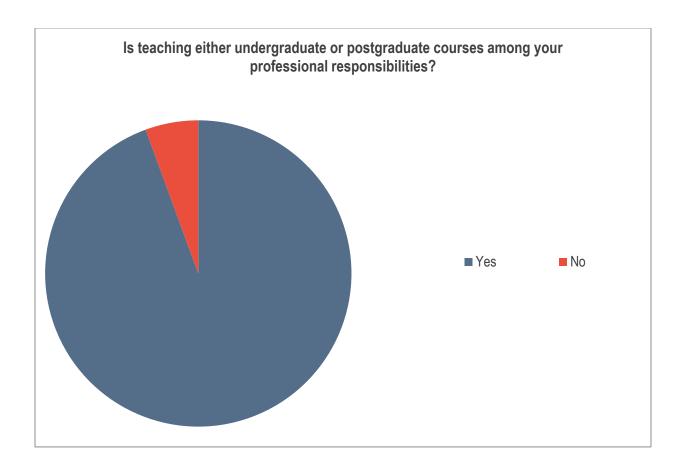
Q28
Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

|  | 8-10   | 4-7    | 1-3    | Response |
|--|--------|--------|--------|----------|
| Because scholarly material is            |        |        |        |          |
| available electronically, colleges       |        |        |        |          |
| and universities should redirect the     |        |        |        |          |
| money spent on library buildings         |        |        |        |          |
| and staff to other needs                 | 8.13%  | 29.38% | 62.50% | 160      |
| Because faculty have easy access         |        |        |        |          |
| to academic content online, the          |        |        |        |          |
| role librarians play at this institution |        |        |        |          |
| is becoming much less important          | 10.63% | 25.63% | 63.75% | 160      |



Q29 Is teaching either undergraduate or postgraduate courses among your professional responsibilities?

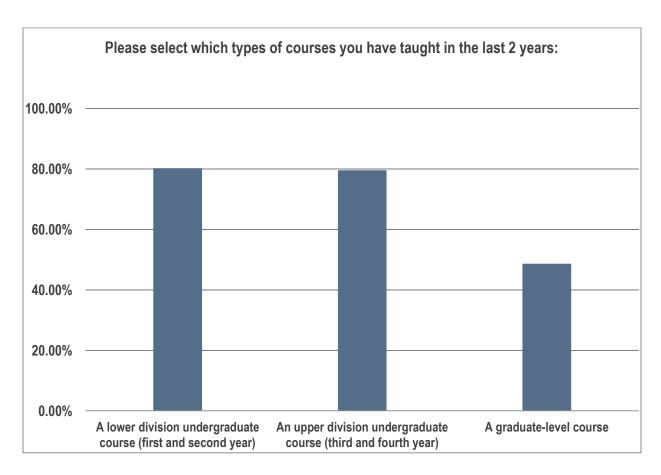
|     | Response | Percent |
|-----|----------|---------|
| Yes | 152      | 94.41%  |
| No  | 9        | 5.59%   |
|     | 161      | 100.00% |



### Q30 [Contingent on respondent selecting "yes" in Q29] [Multiple selections possible]

Please select which types of courses you have taught in the last 2 years:

|  | Response | Percent |
|--|----------|---------|
| A lower division undergraduate course (first and second year)  | 122      | 80.26%  |
| An upper division undergraduate course (third and fourth year) | 121      | 79.61%  |
| A graduate-level course  | 74       | 48.68%  |
|  | 317      |         |



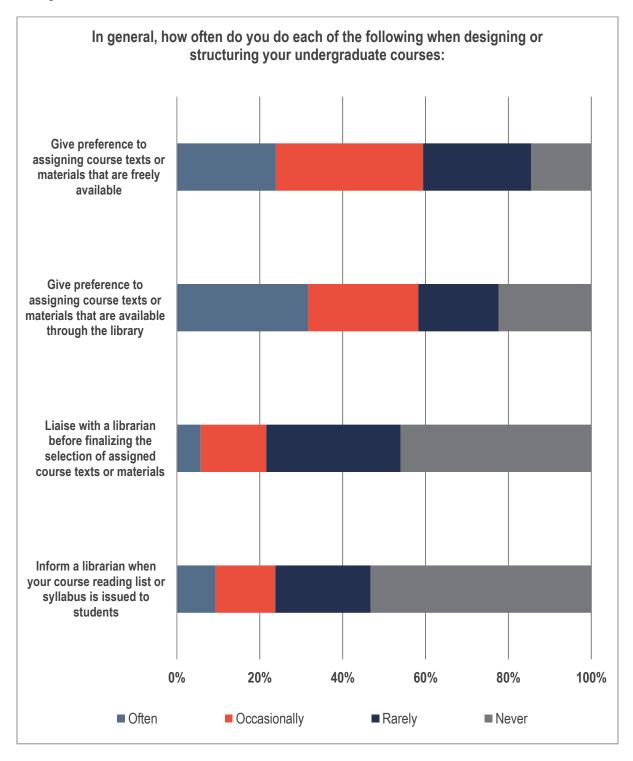
### Q31 [Contingent on respondent teaching an undergraduate course]

In general, how often do you do each of the following when designing or structuring your undergraduate courses:

|                             | Often  | Occasionally | Rarely | Never  | Response |
|-----------------------------|--------|--------------|--------|--------|----------|
| Give preference to          |        |              |        |        |          |
| assigning course texts or   |        |              |        |        |          |
| materials that are freely   |        |              |        |        |          |
| available                   | 23.91% | 35.51%       | 26.09% | 14.49% | 138      |
| Give preference to          |        |              |        |        |          |
| assigning course texts or   |        |              |        |        |          |
| materials that are          |        |              |        |        |          |
| available through the       |        |              |        |        |          |
| library                     | 31.65% | 26.62%       | 19.42% | 22.30% | 139      |
| Liaise with a librarian     |        |              |        |        |          |
| before finalizing the       |        |              |        |        |          |
| selection of assigned       |        |              |        |        |          |
| course texts or materials   | 5.76%  | 15.83%       | 32.37% | 46.04% | 139      |
| Inform a librarian when     |        |              |        |        |          |
| your course reading list or |        |              |        |        |          |
| syllabus is issued to       |        |              |        |        |          |
| students                    | 9.35%  | 14.39%       | 23.02% | 53.24% | 139      |

#### Q31 [Contingent on respondent teaching an undergraduate course]

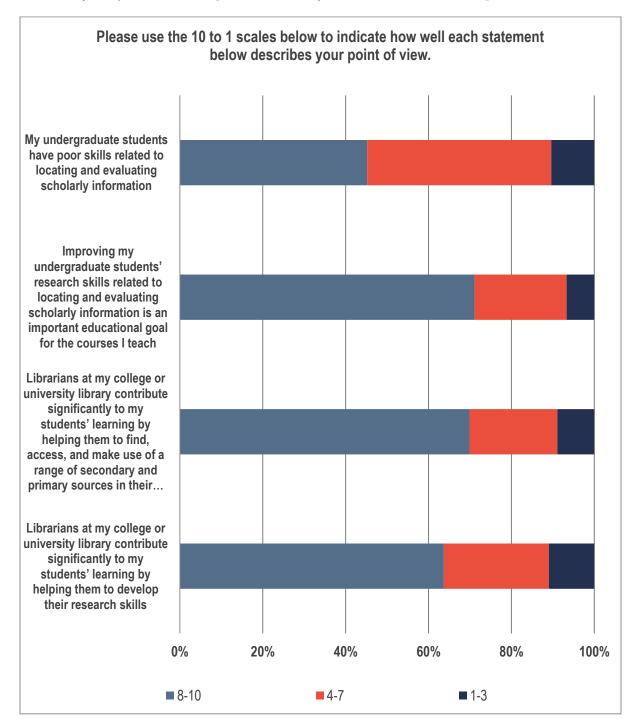
In general, how often do you do each of the following when designing or structuring your undergraduate courses:



#### Q32 [Contingent on respondent selecting "yes" in Q29]

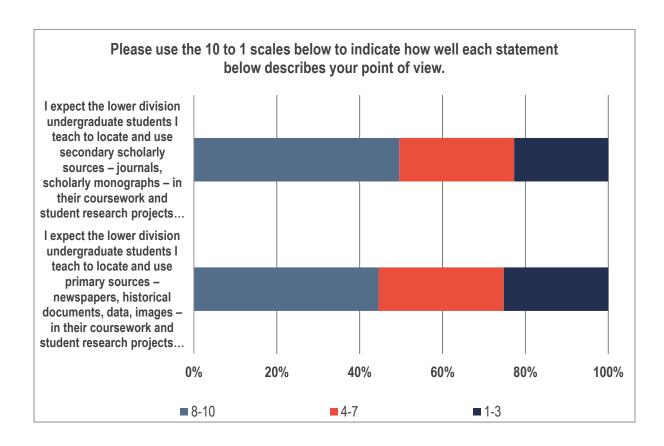
|   | 8-10   | 4-7    | 1-3    | Response |
|---|--------|--------|--------|----------|
| My undergraduate students have poor       |        |        |        |          |
| skills related to locating and evaluating |        |        |        |          |
| scholarly information                     | 45.19% | 44.44% | 10.37% | 135      |
| Improving my undergraduate students'      |        |        |        |          |
| research skills related to locating and   |        |        |        |          |
| evaluating scholarly information is an    |        |        |        |          |
| important educational goal for the        |        |        |        |          |
| courses I teach                           | 71.11% | 22.22% | 6.67%  | 135      |
| Librarians at my college or university    |        |        |        |          |
| library contribute significantly to my    |        |        |        |          |
| students' learning by helping them to     |        |        |        |          |
| find, access, and make use of a range     |        |        |        |          |
| of secondary and primary sources in       |        |        |        |          |
| their coursework                          | 69.86% | 21.23% | 8.90%  | 146      |
| Librarians at my college or university    |        |        |        |          |
| library contribute significantly to my    |        |        |        |          |
| students' learning by helping them to     |        |        |        |          |
| develop their research skills             | 63.70% | 25.34% | 10.96% | 146      |

#### Q32 [Contingent on respondent selecting "yes" in Q29]



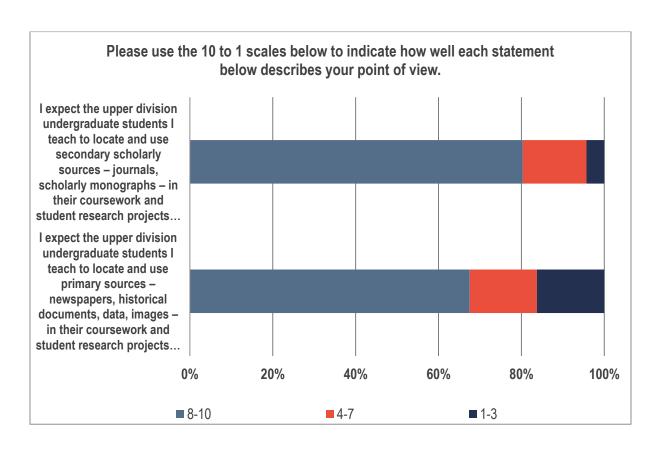
## Q33 [Contingent on respondent teaching a lower division undergraduate course] Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view. [10 = extremely well; 1 = not at all well]

|                                      | 8-10   | 4-7    | 1-3    | Response |
|--------------------------------------|--------|--------|--------|----------|
| I expect the lower division          |        |        |        |          |
| undergraduate students I teach to    |        |        |        |          |
| locate and use secondary scholarly   |        |        |        |          |
| sources – journals, scholarly        |        |        |        |          |
| monographs – in their coursework and |        |        |        |          |
| student research projects beyond the |        |        |        |          |
| readings I directly assign them      | 49.58% | 27.73% | 22.69% | 119      |
| I expect the lower division          |        |        |        |          |
| undergraduate students I teach to    |        |        |        |          |
| locate and use primary sources –     |        |        |        |          |
| newspapers, historical documents,    |        |        |        |          |
| data, images – in their coursework   |        |        |        |          |
| and student research projects beyond |        |        |        |          |
| the readings I directly assign them  | 44.54% | 30.25% | 25.21% | 119      |



### Q34 [Contingent on respondent teaching an upper division undergraduate course]

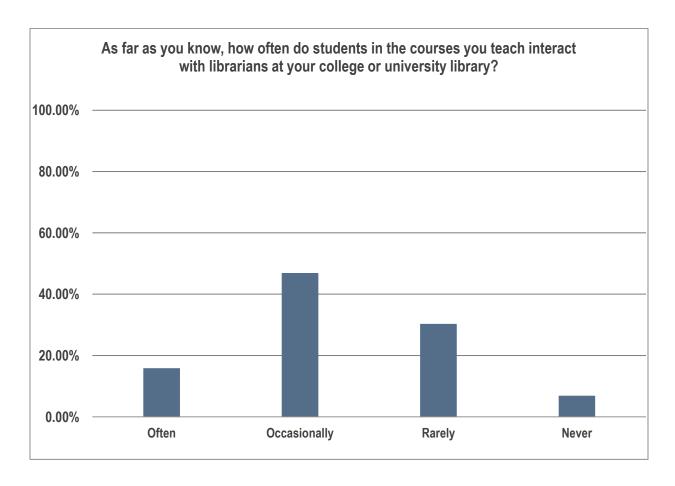
|                                      | 8-10   | 4-7    | 1-3    | Response |
|--------------------------------------|--------|--------|--------|----------|
| I expect the upper division          |        |        |        |          |
| undergraduate students I teach to    |        |        |        |          |
| locate and use secondary scholarly   |        |        |        |          |
| sources – journals, scholarly        |        |        |        |          |
| monographs – in their coursework and |        |        |        |          |
| student research projects beyond the |        |        |        |          |
| readings I directly assign them      | 80.34% | 15.38% | 4.27%  | 117      |
| I expect the upper division          |        |        |        |          |
| undergraduate students I teach to    |        |        |        |          |
| locate and use primary sources –     |        |        |        |          |
| newspapers, historical documents,    |        |        |        |          |
| data, images – in their coursework   |        |        |        |          |
| and student research projects beyond |        |        |        |          |
| the readings I directly assign them  | 67.52% | 16.24% | 16.24% | 117      |



### Q35 [Contingent on respondent teaching an undergraduate and/or graduate course]

As far as you know, how often do students in the courses you teach interact with librarians at your college or university library?

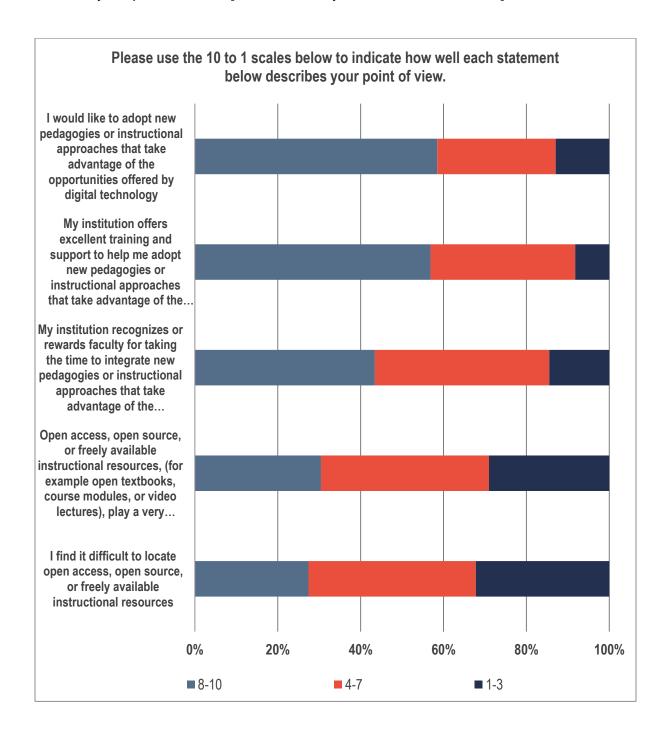
|              | Response | Percent |
|--------------|----------|---------|
| Often        | 23       | 15.86%  |
| Occasionally | 68       | 46.90%  |
| Rarely       | 44       | 30.34%  |
| Never        | 10       | 6.90%   |
|              | 145      | 100.00% |



### Q36 [Contingent on respondent teaching an undergraduate and/or graduate course]

|  | 8-10    | 4-7      | 1-3      | Response |
|--|---------|----------|----------|----------|
| I would like to adopt new pedagogies                     |         |          |          |          |
| or instructional approaches that take                    |         |          |          |          |
| advantage of the opportunities offered                   |         |          |          |          |
| by digital technology                                    | 58.50%  | 28.57%   | 12.93%   | 147      |
| My institution offers excellent training                 |         |          |          |          |
| and support to help me adopt new                         |         |          |          |          |
| pedagogies or instructional                              |         |          |          |          |
| approaches that take advantage of the                    |         |          |          |          |
| opportunities offered by digital                         |         |          |          |          |
| technology   | 56.85%  | 34.93%   | 8.22%    | 146      |
| My institution recognizes or rewards                     |         |          |          |          |
| faculty for taking the time to integrate                 |         |          |          |          |
| new pedagogies or instructional                          |         |          |          |          |
| approaches that take advantage of the                    |         |          |          |          |
| opportunities offered by digital technology              | 43.45%  | 42.07%   | 14.48%   | 145      |
| Open access, open source, or freely                      | 1011070 | 12101 70 |          |          |
| available instructional resources, (for                  |         |          |          |          |
| example open textbooks, course                           |         |          |          |          |
| modules, or video lectures), play a                      |         |          |          |          |
| very important role in my teaching                       | 30.41%  | 40.54%   | 29.05%   | 148      |
| I find it difficult to locate open access,               |         |          |          |          |
| open source, or freely available instructional resources | 27.40%  | 40.41%   | 32.19%   | 146      |
| manuchonal resources                                     | 21.40/0 | 40.41/0  | JZ. 13/0 | 140      |

### Q36 [Contingent on respondent teaching an undergraduate and/or graduate course]



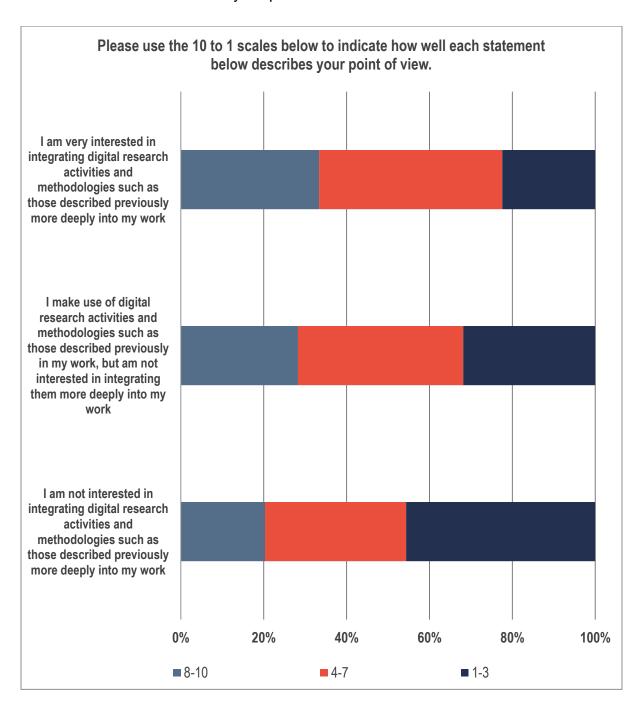
### **Digital Research Activities**

#### DRA1

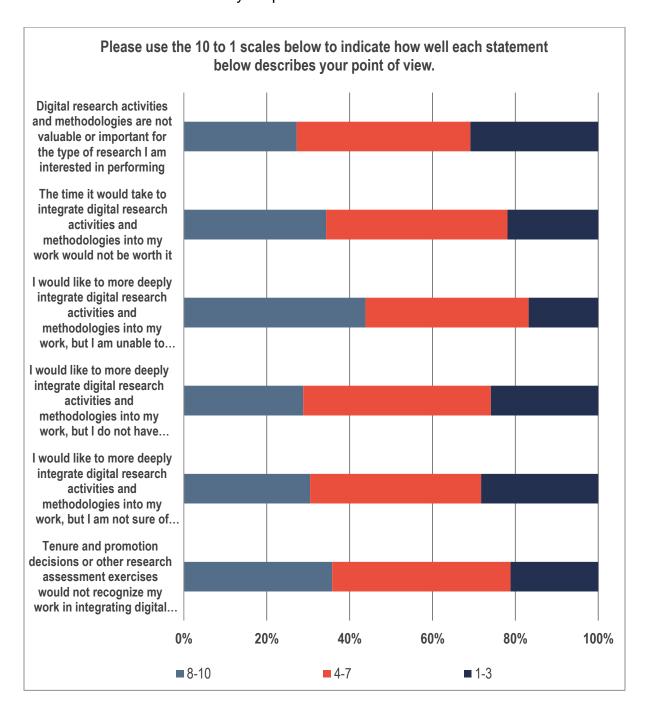
Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view, where a 10 equals "Extremely well" and a 1 equals "Not at all well." You may pick any number on the scale. The higher the number, the better you think the statement describes your point of view. The lower the number, the less you think the statement describes your point of view.

#### DRA2

|                                       | 8-10    | 4-7      | 1-3     | Response |
|---------------------------------------|---------|----------|---------|----------|
| I am very interested in integrating   |         |          |         |          |
| digital research activities and       |         |          |         |          |
| methodologies such as those           |         |          |         |          |
| described previously more deeply into |         |          |         |          |
| my work                               | 33.33%  | 44.20%   | 22.46%  | 138      |
| I make use of digital research        |         |          |         |          |
| activities and methodologies such as  |         |          |         |          |
| those described previously in my      |         |          |         |          |
| work, but am not interested in        |         |          |         |          |
| integrating them more deeply into my  |         |          |         |          |
| work                                  | 28.26%  | 39.86%   | 31.88%  | 138      |
| I am not interested in integrating    |         |          |         |          |
| digital research activities and       |         |          |         |          |
| methodologies such as those           |         |          |         |          |
| described previously more deeply into | 00.0001 | 0.4.000/ | 45.0501 | 400      |
| my work                               | 20.29%  | 34.06%   | 45.65%  | 138      |



|   | 8-10    | 4-7      | 1-3     | Response |
|---|---------|----------|---------|----------|
| Digital research activities and                                   |         |          |         | •        |
| methodologies are not valuable or                                 |         |          |         |          |
| important for the type of research I am                           |         |          |         |          |
| interested in performing  | 27.21%  | 41.91%   | 30.88%  | 136      |
| The time it would take to integrate                               |         |          |         |          |
| digital research activities and                                   |         |          |         |          |
| methodologies into my work would not                              |         |          |         |          |
| be worth it   | 34.31%  | 43.80%   | 21.90%  | 137      |
| I would like to more deeply integrate                             |         |          |         |          |
| digital research activities and                                   |         |          |         |          |
| methodologies into my work, but I am                              |         |          |         |          |
| unable to devote enough time to do so effectively                 | 43.80%  | 39.42%   | 16.79%  | 137      |
| I would like to more deeply integrate                             | 43.00%  | 39.42 /0 | 10.7976 | 137      |
| digital research activities and                                   |         |          |         |          |
| methodologies into my work, but I do                              |         |          |         |          |
| not have the sufficient technical skills                          |         |          |         |          |
| to do so effectively  | 28.78%  | 45.32%   | 25.90%  | 139      |
| I would like to more deeply integrate                             |         |          |         |          |
| digital research activities and                                   |         |          |         |          |
| methodologies into my work, but I am                              |         |          |         |          |
| not sure of how these activities and methodologies can support my |         |          |         |          |
| research goals  | 30.43%  | 41.30%   | 28.26%  | 138      |
| Tenure and promotion decisions or                                 | 00.1070 | 11.0070  | 20.2070 | 100      |
| other research assessment exercises                               |         |          |         |          |
| would not recognize my work in                                    |         |          |         |          |
| integrating digital research activities                           |         |          |         |          |
| and methodologies into my work                                    | 35.77%  | 43.07%   | 21.17%  | 137      |



### **Undergraduate Instruction**

UI1 [Contingent on respondent teaching a lower division undergraduate course] How often do you assign your students in a lower division undergraduate course to read or otherwise engage with each of the following types of materials in preparation for a class - often, occasionally, rarely, or never? Please select one answer for each item.

Ul2 [Contingent on respondent teaching a lower division undergraduate course]
Do the lower division undergraduate courses that you teach include any of the following types of course formats? Please select yes or no for each item.

UI3 [Contingent on respondent teaching a lower division undergraduate course] Whether you do it yourself or you are supported by a college or university service in doing so, how often do you utilize each of the following techniques in your lower division undergraduate courses - often, occasionally, rarely, or never? Please select one answer for each item.

Ul4 [Contingent on respondent teaching a lower division undergraduate course] How often do you assign each of the following types of coursework in the lower division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.

### UI5 [Contingent on respondent teaching an undergraduate and/or graduate course]

How often do you make use of email lists or discussion boards on a course management system to support collaboration or ongoing discussion between you and your students outside of the classroom - often, occasionally, rarely, or never?

Ul6 [Contingent on respondent teaching a lower division undergraduate course] How often do you do each of the following in the lower division undergraduate courses that you teach - often, occasionally, rarely, or never? Please select one answer for each item.

UI7 [Contingent on respondent teaching an upper division undergraduate course] How often do you assign your students in an upper division undergraduate course to read or otherwise engage with each of the following types of materials in preparation for a class - often, occasionally, rarely, or never? Please select one answer for each item.

Ul8 [Contingent on respondent teaching an upper division undergraduate course] Do the upper division undergraduate courses that you teach include any of the following types of course formats? Please select yes or no for each item.

UI9 [Contingent on respondent teaching an upper division undergraduate course] How often do you assign each of the following types of coursework in the upper division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.

### Ul10 [Contingent on respondent teaching an upper division undergraduate course]

Whether you do it yourself or you are supported by a college or university service in doing so, how often do you utilize each of the following techniques in your upper division undergraduate courses - often, occasionally, rarely, or never? Please select one answer for each item.

### Ul11 [Contingent on respondent teaching an upper division undergraduate course]

How often do you do each of the following in the upper division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.

### Ul12 [Contingent on respondent teaching an undergraduate and/or graduate course]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view – a 10 equals "Extremely well" and a 1 equals "Not at all well." You may pick any number on the scale. The higher the number, the better you think the statement describes your point of view. The lower the number, the less you think the statement describes your point of view.

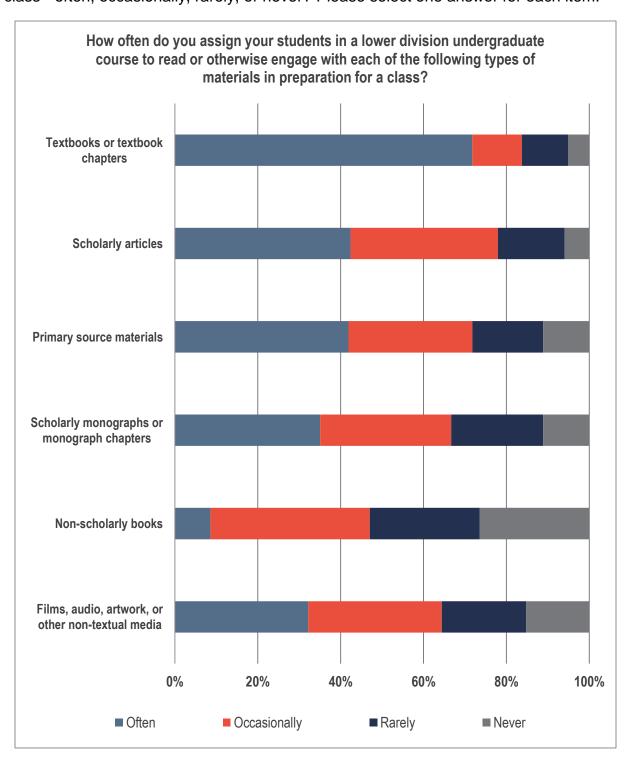
### Ul13 [Contingent on respondent teaching an undergraduate and/or graduate course]

Please use the scale below to rate from 10 to 1 how much you rely on each of the following possible sources of instructional support when introducing new pedagogies or approaches that take advantage of the opportunities offered by digital technology, where 10 equals "A great deal" and 1 equals "Not at all." Please select one answer for each item.

# UI1 [Contingent on respondent teaching a lower division undergraduate course] How often do you assign your students in a lower division undergraduate course to read or otherwise engage with each of the following types of materials in preparation for a class - often, occasionally, rarely, or never? Please select one answer for each item.

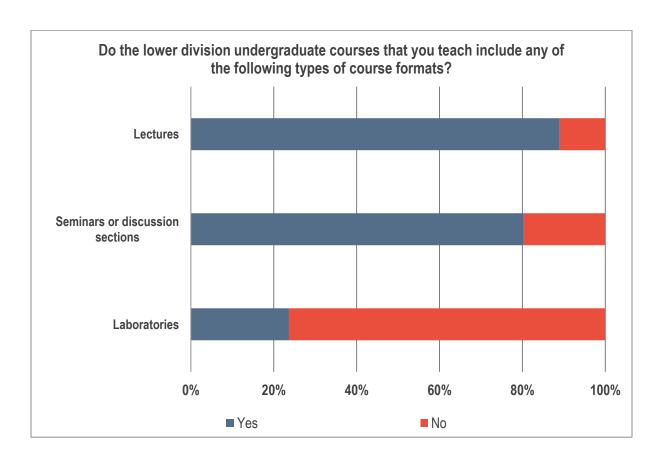
|   | Often  | Occasionally | Rarely | Never  | Response |
|---|--------|--------------|--------|--------|----------|
| Textbooks or textbook                             |        |              |        |        |          |
| chapters  | 71.79% | 11.97%       | 11.11% | 5.13%  | 117      |
| Scholarly articles                                | 42.37% | 35.59%       | 16.10% | 5.93%  | 118      |
|   |        |              |        |        |          |
| Primary source materials                          | 41.88% | 29.91%       | 17.09% | 11.11% | 117      |
| Scholarly monographs or                           |        |              |        |        |          |
| monograph chapters                                | 35.04% | 31.62%       | 22.22% | 11.11% | 117      |
|   |        |              |        |        |          |
| Non-scholarly books                               | 8.55%  | 38.46%       | 26.50% | 26.50% | 117      |
| Films, audio, artwork, or other non-textual media | 32.20% | 32.20%       | 20.34% | 15.25% | 118      |

## UI1 [Contingent on respondent teaching a lower division undergraduate course] How often do you assign your students in a lower division undergraduate course to read or otherwise engage with each of the following types of materials in preparation for a class - often, occasionally, rarely, or never? Please select one answer for each item.



## Ul2 [Contingent on respondent teaching a lower division undergraduate course] Do the lower division undergraduate courses that you teach include any of the following types of course formats? Please select yes or no for each item.

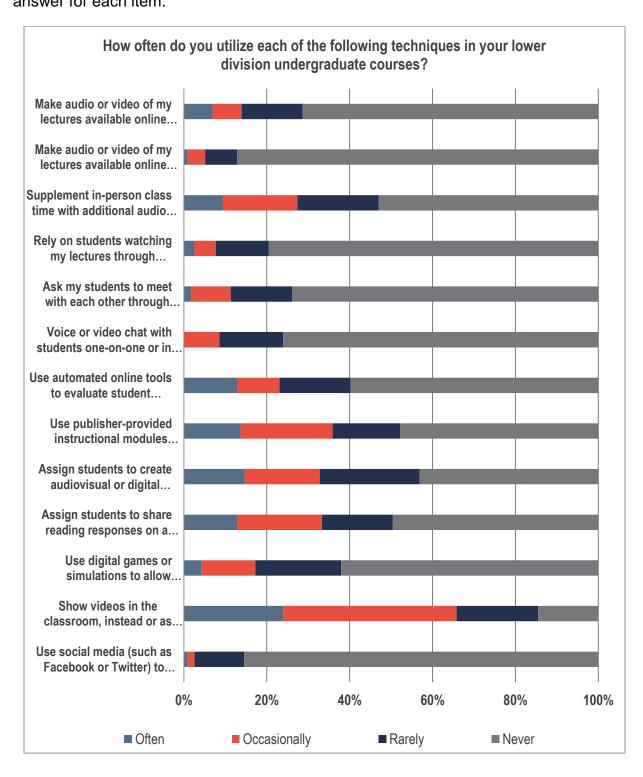
|                                 | Yes    | No     | Response |
|---------------------------------|--------|--------|----------|
| Lectures                        | 88.98% | 11.02% | 118      |
| Seminars or discussion sections | 80.34% | 19.66% | 117      |
| Laboratories                    | 23.68% | 76.32% | 114      |



# UI3 [Contingent on respondent teaching a lower division undergraduate course] Whether you do it yourself or you are supported by a college or university service in doing so, how often do you utilize each of the following techniques in your lower division undergraduate courses - often, occasionally, rarely, or never? Please select one answer for each item.

|  | Often     | Occasionally | Rarely     | Never    | Response |
|--|-----------|--------------|------------|----------|----------|
| Make audio or video of my lectures                                     |           |              | - 1        | -        |          |
| available online for my students to                                    |           |              |            |          |          |
| access   | 6.96%     | 6.96%        | 14.78%     | 71.30%   | 115      |
| Make audio or video of my lectures                                     | 0.90 /6   | 0.90 /6      | 14.7070    | 71.3076  | 110      |
| •  |           |              |            |          |          |
| available online for the general                                       |           |              |            |          | 447      |
| public to access   | 0.85%     | 4.27%        | 7.69%      | 87.18%   | 117      |
| Supplement in-person class time  |           |              |            |          |          |
| with additional audio or video   |           |              |            |          |          |
| modules  | 9.40%     | 17.95%       | 19.66%     | 52.99%   | 117      |
| Rely on students watching my   |           |              |            |          |          |
| lectures through recorded audio or                                     |           |              |            |          |          |
| video to reserve face to face time                                     |           |              |            |          |          |
| for other activities   | 2.56%     | 5.13%        | 12.82%     | 79.49%   | 117      |
| Ask my students to meet with each                                      | 2.30%     | 3.13%        | 12.0270    | 79.49%   | 117      |
| other through voice or video chat                                      |           |              |            |          |          |
| for collaboration or discussion of                                     |           |              |            |          |          |
| course materials   | 1.74%     | 9.57%        | 14.78%     | 73.91%   | 115      |
| Voice or video chat with students                                      |           | 0.0.70       | 1 111 6 76 | 10.0176  | 1        |
| one-on-one or in small groups for                                      |           |              |            |          |          |
| "virtual office hours"   |           | 8.55%        | 15.38%     | 76.07%   | 117      |
| Use automated online tools to  |           |              |            |          |          |
| evaluate student problem sets and                                      |           |              |            |          |          |
| offer feedback or guidance in real                                     |           |              |            |          |          |
| time to students   | 12.82%    | 10.26%       | 17.09%     | 59.83%   | 117      |
| Use publisher-provided   |           |              |            |          |          |
| instructional modules that   |           |              |            |          |          |
| accompany a textbook to assist students                                | 13.68%    | 22.22%       | 16.24%     | 47.86%   | 117      |
| Assign students to create  | 13.00 /6  | 22.22/0      | 10.24 /0   | 47.00%   | 117      |
| audiovisual or digital media   |           |              |            |          |          |
| projects   | 14.66%    | 18.10%       | 24.14%     | 43.10%   | 116      |
| Assign students to share reading                                       | 1 1100 70 | 10.1070      | 2 170      | 1011070  | 1.10     |
| responses on a course discussion                                       |           |              |            |          |          |
| board or a blog  | 12.82%    | 20.51%       | 17.09%     | 49.57%   | 117      |
| _  |           |              |            |          |          |
| Use digital games or simulations to allow students to explore concepts | 4.31%     | 12.93%       | 20.69%     | 62.07%   | 116      |
| Show videos in the classroom,  | 7.51/0    | 12.33 /0     | 20.0970    | 02.07 /0 | 110      |
| instead or as one component of a                                       |           |              |            |          |          |
| lecture or discussion  | 23.93%    | 41.88%       | 19.66%     | 14.53%   | 117      |
| Use social media (such as  |           | 7.1.5573     | 10.0070    |          |          |
| Facebook or Twitter) to keep in  |           |              |            |          |          |
| touch with students currently  |           |              |            |          |          |
| enrolled in your courses   | 0.85%     | 1.71%        | 11.97%     | 85.47%   | 117      |

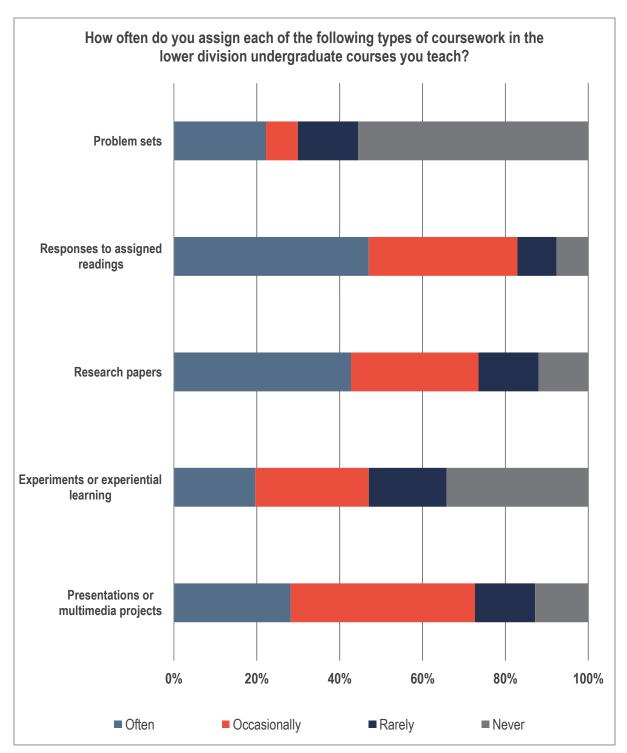
# UI3 [Contingent on respondent teaching a lower division undergraduate course] Whether you do it yourself or you are supported by a college or university service in doing so, how often do you utilize each of the following techniques in your lower division undergraduate courses - often, occasionally, rarely, or never? Please select one answer for each item.



UI4 [Contingent on respondent teaching a lower division undergraduate course] How often do you assign each of the following types of coursework in the lower division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.

|                       | Often  | Occasionally | Rarely | Never  | Response |
|-----------------------|--------|--------------|--------|--------|----------|
|                       |        |              |        |        |          |
|                       |        |              |        |        |          |
| Problem sets          | 22.22% | 7.69%        | 14.53% | 55.56% | 117      |
| Responses to assigned |        |              |        |        |          |
| readings              | 47.01% | 35.90%       | 9.40%  | 7.69%  | 117      |
|                       |        |              |        |        |          |
|                       |        |              |        |        |          |
| Research papers       | 42.74% | 30.77%       | 14.53% | 11.97% | 117      |
|                       |        |              |        |        |          |
| Experiments or        |        |              |        |        |          |
| experiential learning | 19.66% | 27.35%       | 18.80% | 34.19% | 117      |
| Presentations or      |        |              |        |        |          |
| multimedia projects   | 28.21% | 44.44%       | 14.53% | 12.82% | 117      |

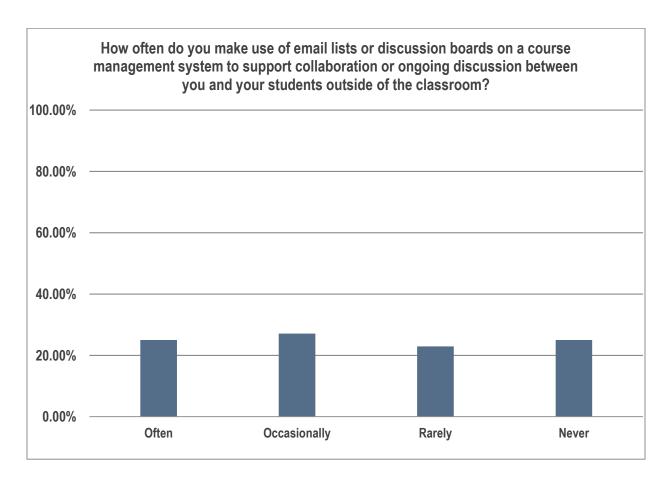
UI4 [Contingent on respondent teaching a lower division undergraduate course] How often do you assign each of the following types of coursework in the lower division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.



## UI5 [Contingent on respondent teaching an undergraduate and/or graduate course]

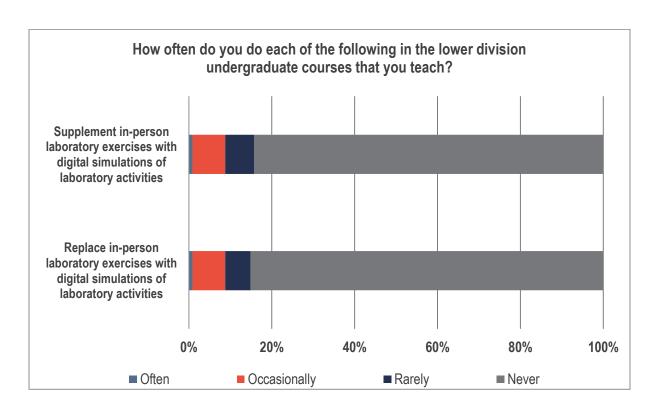
How often do you make use of email lists or discussion boards on a course management system to support collaboration or ongoing discussion between you and your students outside of the classroom - often, occasionally, rarely, or never?

|              | Response | Percent |
|--------------|----------|---------|
| Often        | 36       | 25.00%  |
| Occasionally | 39       | 27.08%  |
| Rarely       | 33       | 22.92%  |
| Never        | 36       | 25.00%  |
|              | 144      | 100.00% |



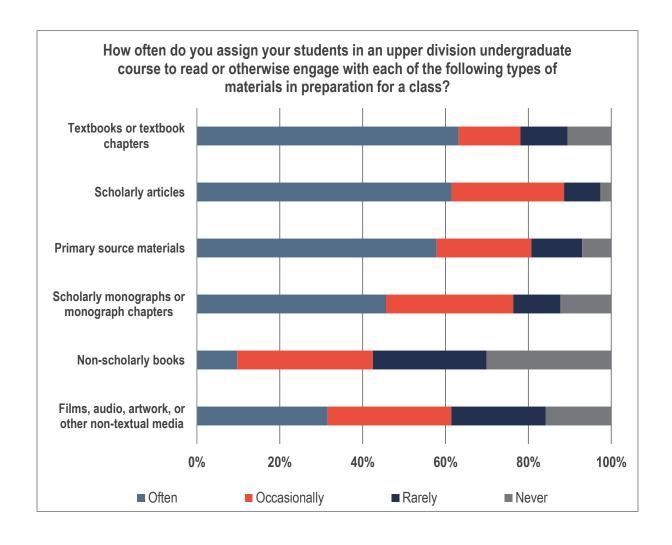
Ul6 [Contingent on respondent teaching a lower division undergraduate course] How often do you do each of the following in the lower division undergraduate courses that you teach - often, occasionally, rarely, or never? Please select one answer for each item.

|                                    | Often | Occasionally | Rarely | Never  | Response |
|------------------------------------|-------|--------------|--------|--------|----------|
| Supplement in-person laboratory    |       |              |        |        |          |
| exercises with digital simulations |       |              |        |        |          |
| of laboratory activities           | 0.88% | 7.89%        | 7.02%  | 84.21% | 114      |
| Replace in-person laboratory       |       |              |        |        |          |
| exercises with digital simulations |       |              |        |        |          |
| of laboratory activities           | 0.88% | 7.89%        | 6.14%  | 85.09% | 114      |



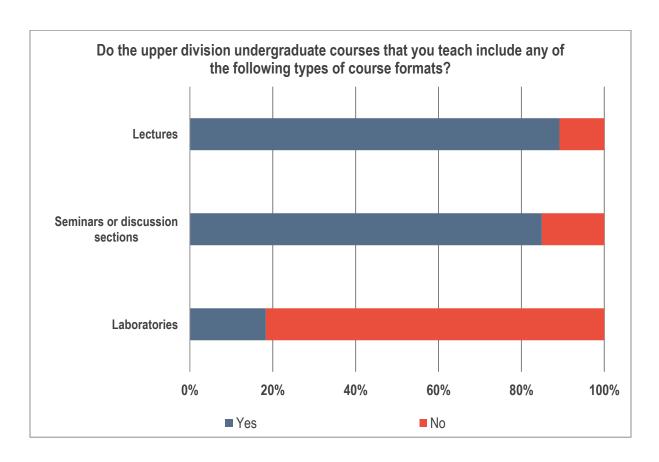
UI7 [Contingent on respondent teaching an upper division undergraduate course] How often do you assign your students in an upper division undergraduate course to read or otherwise engage with each of the following types of materials in preparation for a class - often, occasionally, rarely, or never? Please select one answer for each item.

|                                 | Often  | Occasionally | Rarely | Never  | Response |
|---------------------------------|--------|--------------|--------|--------|----------|
|                                 |        |              |        |        |          |
| Textbooks or textbook chapters  | 63.16% | 14.91%       | 11.40% | 10.53% | 114      |
| Scholarly articles              | 61.40% | 27.19%       | 8.77%  | 2.63%  | 114      |
| Primary source materials        | 57.89% | 22.81%       | 12.28% | 7.02%  | 114      |
| Scholarly monographs or         |        |              |        |        |          |
| monograph chapters              | 45.61% | 30.70%       | 11.40% | 12.28% | 114      |
| Non-scholarly books             | 9.73%  | 32.74%       | 27.43% | 30.09% | 113      |
| Films, audio, artwork, or other |        |              |        |        |          |
| non-textual media               | 31.58% | 29.82%       | 22.81% | 15.79% | 114      |



Ul8 [Contingent on respondent teaching an upper division undergraduate course] Do the upper division undergraduate courses that you teach include any of the following types of course formats? Please select yes or no for each item.

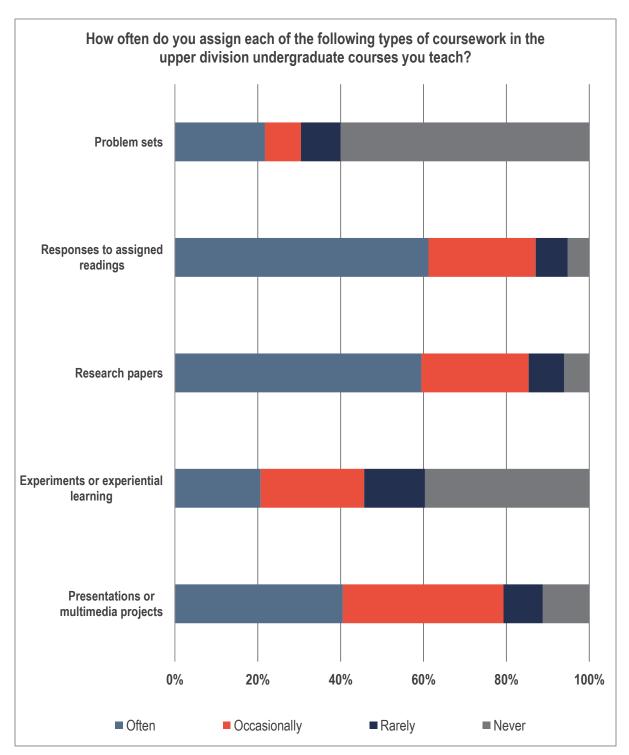
|                                 | Yes    | No     | Response |
|---------------------------------|--------|--------|----------|
| Lectures                        | 89.19% | 10.81% | 111      |
| Seminars or discussion sections | 84.96% | 15.04% | 113      |
| Laboratories                    | 18.35% | 81.65% | 109      |



UI9 [Contingent on respondent teaching an upper division undergraduate course] How often do you assign each of the following types of coursework in the upper division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.

|                       | Often  | Occasionally | Rarely | Never  | Response |
|-----------------------|--------|--------------|--------|--------|----------|
|                       |        |              |        |        |          |
|                       |        |              |        |        |          |
| Problem sets          | 21.74% | 8.70%        | 9.57%  | 60.00% | 115      |
| Responses to assigned |        |              |        |        |          |
| readings              | 61.21% | 25.86%       | 7.76%  | 5.17%  | 116      |
|                       |        |              |        |        |          |
|                       |        |              |        |        |          |
| Research papers       | 59.48% | 25.86%       | 8.62%  | 6.03%  | 116      |
|                       |        |              |        |        |          |
| Experiments or        |        |              |        |        |          |
| experiential learning | 20.69% | 25.00%       | 14.66% | 39.66% | 116      |
| Presentations or      |        |              |        |        |          |
| multimedia projects   | 40.52% | 38.79%       | 9.48%  | 11.21% | 116      |

UI9 [Contingent on respondent teaching an upper division undergraduate course] How often do you assign each of the following types of coursework in the upper division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.



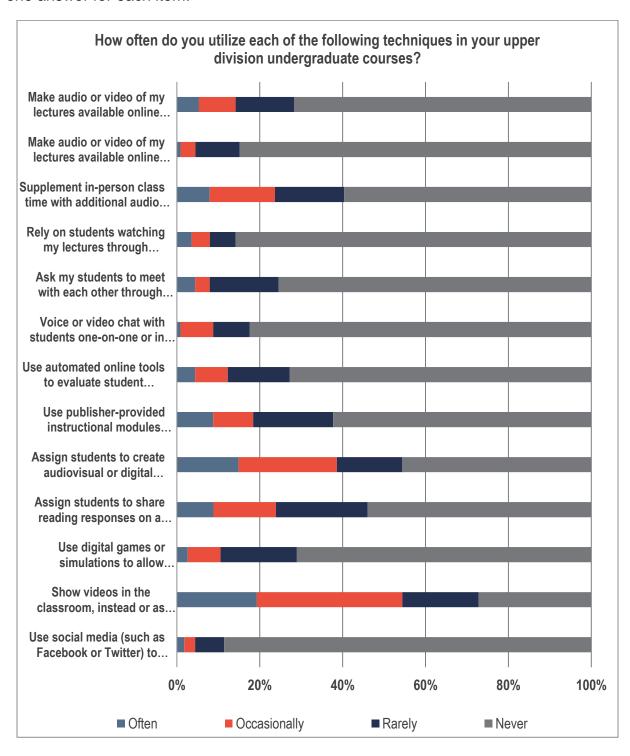
## Ul10 [Contingent on respondent teaching an upper division undergraduate course]

Whether you do it yourself or you are supported by a college or university service in doing so, how often do you utilize each of the following techniques in your upper division undergraduate courses - often, occasionally, rarely, or never? Please select one answer for each item.

|   | Often    | Occasionally | Rarely    | Never    | Response |
|---|----------|--------------|-----------|----------|----------|
| Make audio or video of my lectures  |          |              |           |          |          |
| available online for my students to   |          |              |           |          |          |
| access  | 5.31%    | 8.85%        | 14.16%    | 71.68%   | 113      |
| Make audio or video of my lectures  |          |              |           |          |          |
| available online for the general public                                     |          |              |           |          |          |
| to access   | 0.89%    | 3.57%        | 10.71%    | 84.82%   | 112      |
| 10 000000   | 0.0070   | 3.37 70      | 10.7 1 70 | 04.0270  |          |
| Supplement in-person class time with  |          |              |           |          |          |
| additional audio or video modules   |          | 4====        | 40.0=0/   |          | 114      |
|   | 7.89%    | 15.79%       | 16.67%    | 59.65%   | 114      |
| Rely on students watching my lectures                                       |          |              |           |          |          |
| through recorded audio or video to  |          |              |           |          |          |
| reserve face to face time for other   |          |              |           |          | 1.10     |
| activities  | 3.54%    | 4.42%        | 6.19%     | 85.84%   | 113      |
| Ask my students to meet with each   |          |              |           |          |          |
| other through voice or video chat for collaboration or discussion of course |          |              |           |          |          |
| materials   | 4.39%    | 3.51%        | 16.67%    | 75.44%   | 114      |
| Voice or video chat with students one-                                      | 4.5576   | 3.3170       | 10.07 70  | 73.4470  | 117      |
| on-one or in small groups for "virtual                                      |          |              |           |          |          |
| office hours"   | 0.88%    | 7.89%        | 8.77%     | 82.46%   | 114      |
| Use automated online tools to   |          |              |           |          |          |
| evaluate student problem sets and   |          |              |           |          |          |
| offer feedback or guidance in real time                                     |          |              |           |          |          |
| to students   | 4.39%    | 7.89%        | 14.91%    | 72.81%   | 114      |
| Use publisher-provided instructional  |          |              |           |          |          |
| modules that accompany a textbook to assist students                        | 8.77%    | 9.65%        | 19.30%    | 62.28%   | 114      |
| assist students   | 0.11/6   | 9.0576       | 19.5076   | 02.2076  | 114      |
| Assign students to create audiovisual                                       |          |              |           |          |          |
| or digital media projects   | 14.91%   | 23.68%       | 15.79%    | 45.61%   | 114      |
| Assign students to share reading  |          |              |           |          |          |
| responses on a course discussion board or a blog                            | 8.85%    | 15.04%       | 22.12%    | 53.98%   | 113      |
| board of a blog   | 0.0076   | 13.0476      | 22.12/0   | 33.90 /6 | 113      |
| Use digital games or simulations to   |          |              |           |          |          |
| allow students to explore concepts  | 2.63%    | 7.89%        | 18.42%    | 71.05%   | 114      |
| Show videos in the classroom, instead                                       |          |              |           |          |          |
| or as one component of a lecture or discussion                              | 19.30%   | 35.09%       | 18.42%    | 27.19%   | 114      |
| Use social media (such as Facebook  | 13.30 /0 | 33.0370      | 10.42 /0  | 21.19/0  | 114      |
| or Twitter) to keep in touch with   |          |              |           |          |          |
| students currently enrolled in your   |          |              |           |          |          |
| courses   | 1.75%    | 2.63%        | 7.02%     | 88.60%   | 114      |

## Ul10 [Contingent on respondent teaching an upper division undergraduate course]

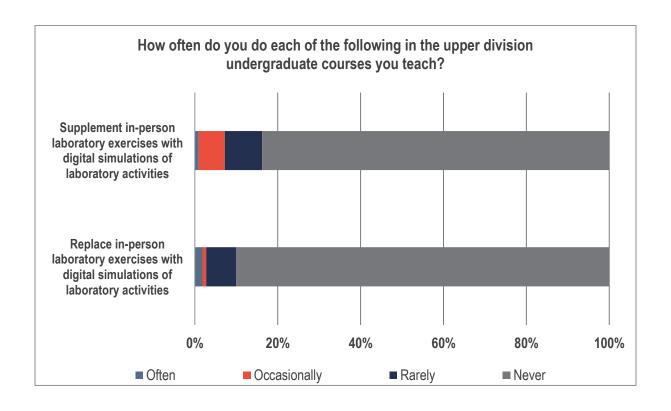
Whether you do it yourself or you are supported by a college or university service in doing so, how often do you utilize each of the following techniques in your upper division undergraduate courses - often, occasionally, rarely, or never? Please select one answer for each item.



## Ul11 [Contingent on respondent teaching an upper division undergraduate course]

How often do you do each of the following in the upper division undergraduate courses you teach - often, occasionally, rarely, or never? Please select one answer for each item.

|                                    | Often | Occasionally | Rarely | Never  | Response |
|------------------------------------|-------|--------------|--------|--------|----------|
| Supplement in-person laboratory    |       |              |        |        |          |
| exercises with digital simulations |       |              |        |        |          |
| of laboratory activities           | 0.90% | 6.31%        | 9.01%  | 83.78% | 111      |
| Replace in-person laboratory       |       |              |        |        |          |
| exercises with digital simulations |       |              |        |        |          |
| of laboratory activities           | 1.82% | 0.91%        | 7.27%  | 90.00% | 110      |



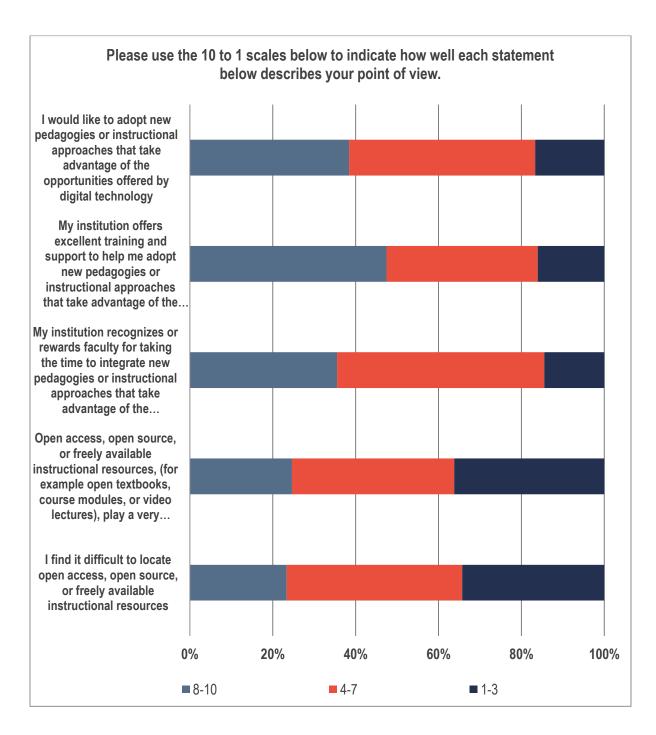
## Ul12 [Contingent on respondent teaching an undergraduate and/or graduate course]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view – a 10 equals "Extremely well" and a 1 equals "Not at all well." You may pick any number on the scale. The higher the number, the better you think the statement describes your point of view. The lower the number, the less you think the statement describes your point of view.

|  | 8-10    | 4-7      | 1-3                  | Response |
|--|---------|----------|----------------------|----------|
| I would like to adopt new pedagogies                     |         |          |                      |          |
| or instructional approaches that take                    |         |          |                      |          |
| advantage of the opportunities offered                   |         |          |                      |          |
| by digital technology                                    | 38.41%  | 44.93%   | 16.67%               | 138      |
| My institution offers excellent training                 |         |          |                      |          |
| and support to help me adopt new                         |         |          |                      |          |
| pedagogies or instructional                              |         |          |                      |          |
| approaches that take advantage of the                    |         |          |                      |          |
| opportunities offered by digital                         |         |          |                      |          |
| technology   | 47.45%  | 36.50%   | 16.06%               | 137      |
| My institution recognizes or rewards                     |         |          |                      |          |
| faculty for taking the time to integrate                 |         |          |                      |          |
| new pedagogies or instructional                          |         |          |                      |          |
| approaches that take advantage of the                    |         |          |                      |          |
| opportunities offered by digital technology              | 35.51%  | 50.00%   | 14.49%               | 138      |
| Open access, open source, or freely                      | 00.0170 | 00.0070  | 1 11 10 70           | 100      |
| available instructional resources, (for                  |         |          |                      |          |
| example open textbooks, course                           |         |          |                      |          |
| modules, or video lectures), play a                      |         |          |                      |          |
| very important role in my teaching                       | 24.64%  | 39.13%   | 36.23%               | 138      |
| I find it difficult to locate open access,               |         |          |                      |          |
| open source, or freely available instructional resources | 23.36%  | 42.34%   | 34.31%               | 137      |
| แเอแนบแบบสมาชิงบนเบอง                                    | 20.00/0 | TZ.J+ /0 | J <del>1</del> .J1/0 | 131      |

## Ul12 [Contingent on respondent teaching an undergraduate and/or graduate course]

Please use the 10 to 1 scales below to indicate how well each statement below describes your point of view – a 10 equals "Extremely well" and a 1 equals "Not at all well." You may pick any number on the scale. The higher the number, the better you think the statement describes your point of view. The lower the number, the less you think the statement describes your point of view.



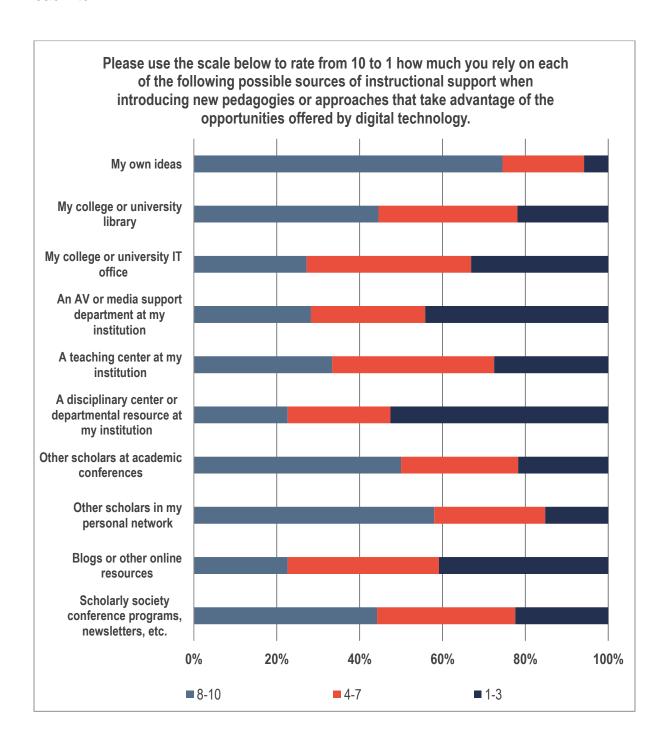
## Ul13 [Contingent on respondent teaching an undergraduate and/or graduate course]

Please use the scale below to rate from 10 to 1 how much you rely on each of the following possible sources of instructional support when introducing new pedagogies or approaches that take advantage of the opportunities offered by digital technology, where 10 equals "A great deal" and 1 equals "Not at all." Please select one answer for each item.

|                                       | 8-10   | 4-7    | 1-3    | Response |
|---------------------------------------|--------|--------|--------|----------|
|                                       |        |        |        |          |
| My own ideas                          | 74.45% | 19.71% | 5.84%  | 137      |
| My college or university library      | 44.53% | 33.58% | 21.90% | 137      |
| My college or university IT office    | 27.21% | 39.71% | 33.09% | 136      |
| An AV or media support department at  |        |        |        |          |
| my institution                        | 28.26% | 27.54% | 44.20% | 138      |
| A teaching center at my institution   | 33.33% | 39.13% | 27.54% | 138      |
| A disciplinary center or departmental |        |        |        |          |
| resource at my institution            | 22.63% | 24.82% | 52.55% | 137      |
| Other scholars at academic            |        |        |        |          |
| conferences                           | 50.00% | 28.26% | 21.74% | 138      |
| Other scholars in my personal network | 57.97% | 26.81% | 15.22% | 138      |
| Blogs or other online resources       | 22.63% | 36.50% | 40.88% | 137      |
| Scholarly society conference          |        |        |        |          |
| programs, newsletters, etc.           | 44.20% | 33.33% | 22.46% | 138      |

## Ul13 [Contingent on respondent teaching an undergraduate and/or graduate course]

Please use the scale below to rate from 10 to 1 how much you rely on each of the following possible sources of instructional support when introducing new pedagogies or approaches that take advantage of the opportunities offered by digital technology, where 10 equals "A great deal" and 1 equals "Not at all." Please select one answer for each item.



#### Library Space Planning

#### LSP1

Have you ever been in a library building on campus at this college or university?

#### LSP2 [Contingent on respondent selecting "Yes" in LSP1]

When was the last time you were in a library building on campus at this college or university?

#### LSP3

Which of the following campus library buildings do you visit most often? Please select one:

#### LSP4

When was the last time you interacted with a librarian or library staff member at this college or university (either in person or via email or an online chat platform)?

## LSP5 [Contingent on respondent having interacted with a librarian or library staff member as indicated in LSP4]

And, what was the main reason for your most recent interaction with a librarian or library staff member at this college or university?

#### LSP6

How often do you access research or teaching resources online from an off-campus location (such as through a proxy server, VPN, or by logging in through your college or university account)?

#### LSP7 [Contingent on respondent selecting "Yes" in LSP1]

In general, about how long do you usually stay when you go in a library building on campus at this college or university?

#### LSP8 [Contingent on respondent selecting "Yes" in LSP1]

When was the last time you did the following activities in a library building on campus at this college or university?

## LSP9 [Contingent on respondent having used physical resources in a campus library building as indicated in LSP8]

How often do you use physical resources in a campus library building at this college or university (such as physical copies of books, images or journal articles in the library's collection, or historical documents in a special collection or archive)?

#### LSP10 [Contingent on respondent selecting "Yes" in LSP1]

In general, how spacious or confined do you find the campus library building that you visit most often?

#### LSP11 [Contingent on respondent selecting "Yes" in LSP1]

Overall, how satisfied or dissatisfied are you with each of the following aspects of the campus library building that you visit most often?

Please read the following statements and tell us whether you strongly agree with the statement, agree, somewhat agree, neither agree nor disagree, somewhat disagree, disagree, or strongly disagree.

#### LSP12

I enjoy doing research or working on my scholarship in a campus library building more than in any other type of campus building.

#### LSP13

I would prefer to spend more time in a campus library building if I could.

#### LSP14

When I am in a campus library building, I feel that I belong.

#### LSP15

I feel motivated to do research or work on teaching-related activities when I am in a campus library building.

#### LSP16

The time I spend in a campus library building could just as easily be spent somewhere else.

#### LSP17

I know where to ask for help when I have any questions about using technological, digital, or online tools.

#### LSP18

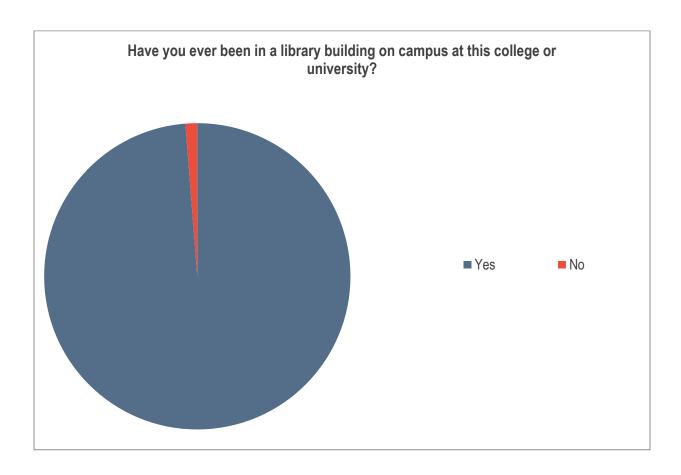
I know where to ask for help when I have any questions about finding information or resources for my research.

#### LSP19

I know where to ask for help when I have any questions about finding information or resources for my teaching.

LSP1
Have you ever been in a library building on campus at this college or university?

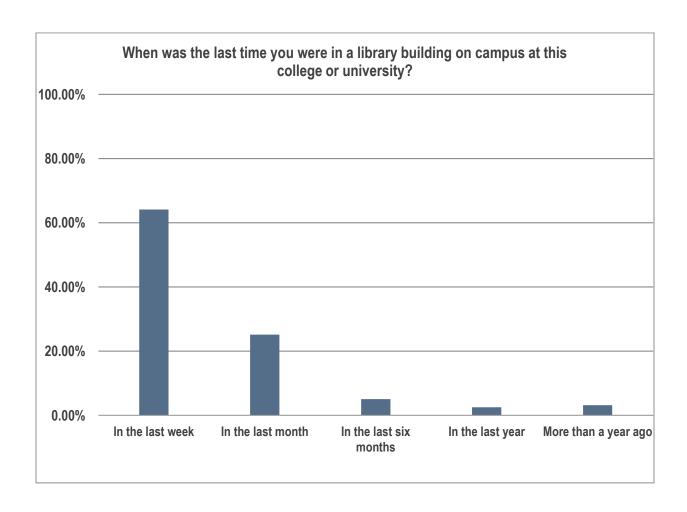
|     | Response | Percent |
|-----|----------|---------|
| Yes | 159      | 98.76%  |
| No  | 2        | 1.24%   |
|     | 161      | 100.00% |



#### LSP2 [Contingent on respondent selecting "Yes" in LSP1]

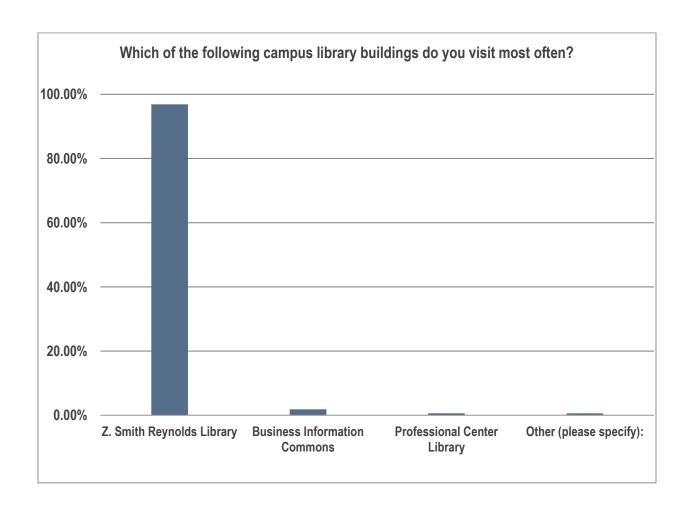
When was the last time you were in a library building on campus at this college or university?

|                        | Response | Percent |
|------------------------|----------|---------|
| In the last week       | 102      | 64.15%  |
| In the last month      | 40       | 25.16%  |
| In the last six months | 8        | 5.03%   |
| In the last year       | 4        | 2.52%   |
| More than a year ago   | 5        | 3.14%   |
|                        | 159      | 100.00% |



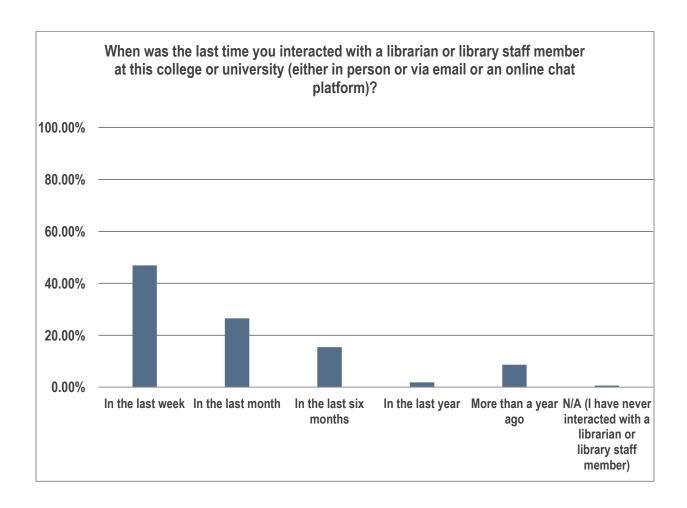
LSP3
Which of the following campus library buildings do you visit most often? Please select one:

|                              | Response | Percent |
|------------------------------|----------|---------|
| Z. Smith Reynolds Library    | 156      | 96.89%  |
| Business Information Commons | 3        | 1.86%   |
| Professional Center Library  | 1        | 0.62%   |
| Other (please specify):      | 1        | 0.62%   |
|                              | 161      | 100.00% |



LSP4
When was the last time you interacted with a librarian or library staff member at this college or university (either in person or via email or an online chat platform)?

|                                     | Response | Percent |
|-------------------------------------|----------|---------|
| In the last week                    | 76       | 46.91%  |
| In the last month                   | 43       | 26.54%  |
| In the last six months              | 25       | 15.43%  |
| In the last year                    | 3        | 1.85%   |
| More than a year ago                | 14       | 8.64%   |
| N/A (I have never interacted with a |          |         |
| librarian or library staff member)  | 1        | 0.62%   |
|                                     | 162      | 100.00% |



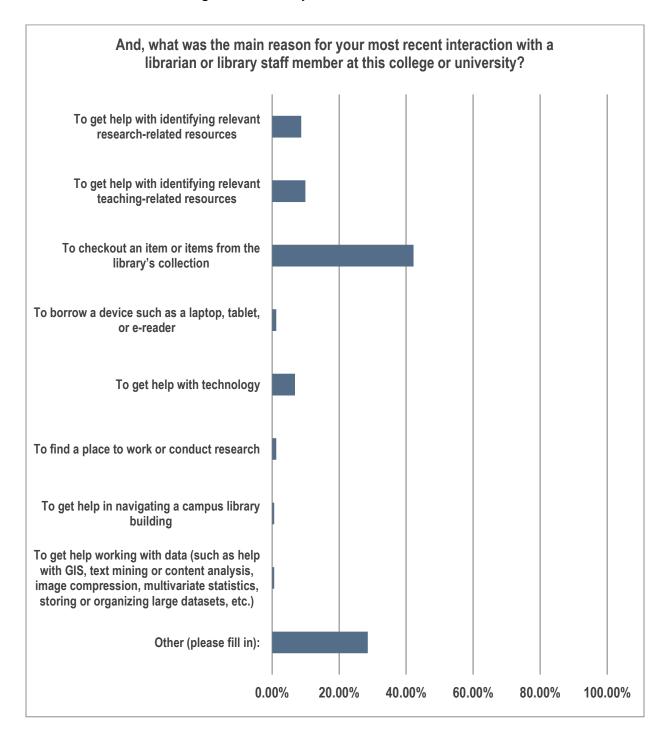
## LSP5 [Contingent on respondent having interacted with a librarian or library staff member as indicated in LSP4]

And, what was the main reason for your most recent interaction with a librarian or library staff member at this college or university?

|  | Response | Percent |
|--|----------|---------|
| To get help with identifying relevant research-related     |          |         |
| resources  | 14       | 8.70%   |
| To get help with identifying relevant teaching-related     |          |         |
| resources  | 16       | 9.94%   |
| To checkout an item or items from the library's collection | 68       | 42.24%  |
| To borrow a device such as a laptop, tablet, or e-reader   | 2        | 1.24%   |
| To get help with technology                                | 11       | 6.83%   |
| To find a place to work or conduct research                | 2        | 1.24%   |
| To get help in navigating a campus library building        | 1        | 0.62%   |
| To get help working with data (such as help with GIS, text |          |         |
| mining or content analysis, image compression,             |          |         |
| multivariate statistics, storing or organizing large       |          |         |
| datasets, etc.)  | 1        | 0.62%   |
| Other (please fill in):                                    | 46       | 28.57%  |
|  | 161      | 100.00% |

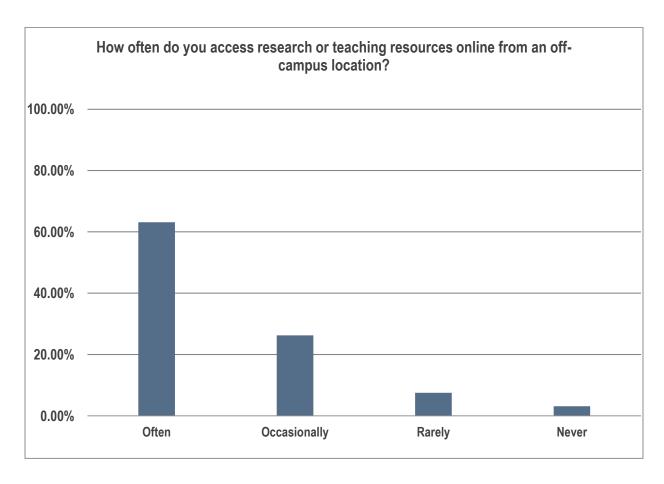
## LSP5 [Contingent on respondent having interacted with a librarian or library staff member as indicated in LSP4]

And, what was the main reason for your most recent interaction with a librarian or library staff member at this college or university?



LSP6
How often do you access research or teaching resources online from an off-campus location (such as through a proxy server, VPN, or by logging in through your college or university account)?

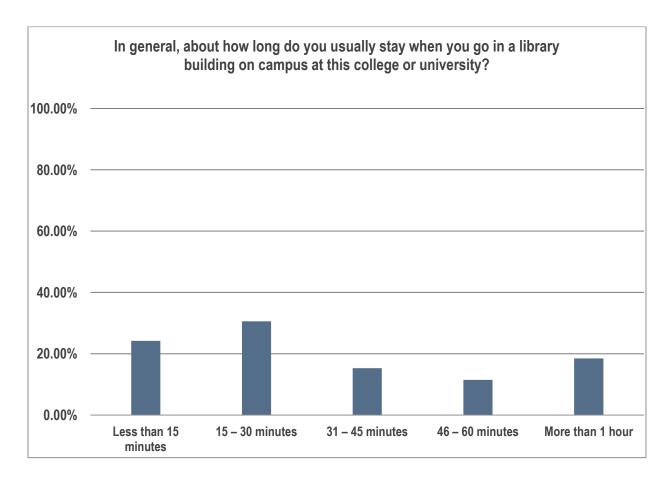
|              | Response | Percent |
|--------------|----------|---------|
| Often        | 101      | 63.13%  |
| Occasionally | 42       | 26.25%  |
| Rarely       | 12       | 7.50%   |
| Never        | 5        | 3.13%   |
|              | 160      | 100.00% |



#### LSP7 [Contingent on respondent selecting "Yes" in LSP1]

In general, about how long do you usually stay when you go in a library building on campus at this college or university?

|                      | Response | Percent |
|----------------------|----------|---------|
| Less than 15 minutes | 38       | 24.20%  |
| 15 – 30 minutes      | 48       | 30.57%  |
| 31 – 45 minutes      | 24       | 15.29%  |
| 46 – 60 minutes      | 18       | 11.46%  |
| More than 1 hour     | 29       | 18.47%  |
|                      | 157      | 100.00% |



#### LSP8 [Contingent on respondent selecting "Yes" in LSP1]

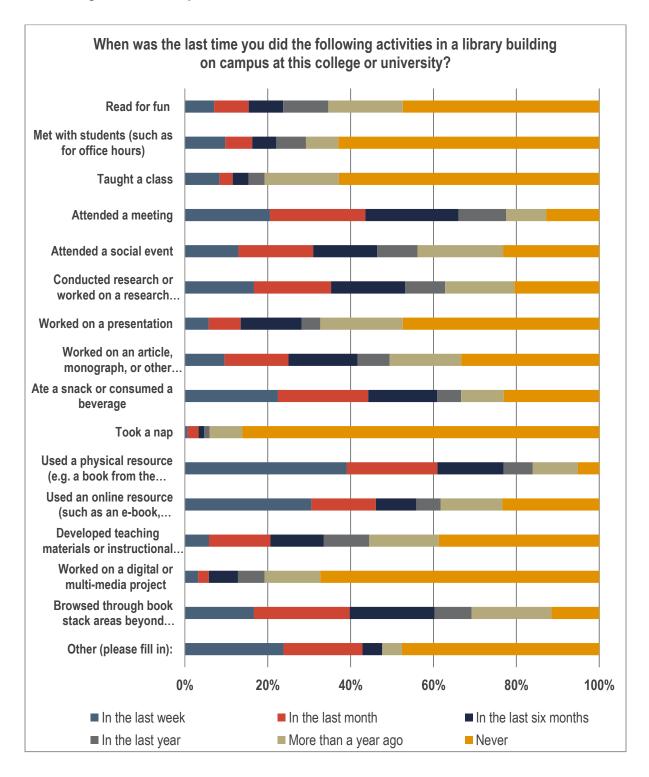
When was the last time you did the following activities in a library building on campus at this college or university?

|  | In the last week | In the last month | In the last six months | In the last year | More<br>than a<br>year<br>ago | Never  | Response |
|--|------------------|-------------------|------------------------|------------------|-------------------------------|--------|----------|
| Daniel for for   |                  |                   |                        |                  |                               |        | 450      |
| Read for fun  Met with students (such as for office                  | 7.05%            | 8.33%             | 8.33%                  | 10.90%           | 17.95%                        | 47.44% | 156      |
| hours)   | 9.74%            | 6.49%             | 5.84%                  | 7.14%            | 7.79%                         | 62.99% | 154      |
| Taught a class   | 8.33%            | 3.21%             | 3.85%                  | 3.85%            | 17.95%                        | 62.82% | 156      |
| Attended a meeting   | 20.51%           | 23.08%            | 22.44%                 | 11.54%           | 9.62%                         | 12.82% | 156      |
| Attended a social event  | 12.90%           | 18.06%            | 15.48%                 | 9.68%            | 20.65%                        | 23.23% | 155      |
| Conducted<br>research or<br>worked on a<br>research<br>project       | 16.67%           | 18.59%            | 17.95%                 | 9.62%            | 16.67%                        | 20.51% | 156      |
| Worked on a presentation   | 5.77%            | 7.69%             | 14.74%                 | 4.49%            | 19.87%                        | 47.44% | 156      |
| Worked on an article, monograph, or other manuscript for publication | 9.62%            | 15.38%            | 16.67%                 | 7.69%            | 17.31%                        | 33.33% | 156      |
| Ate a snack or consumed a beverage                                   | 22.44%           | 21.79%            | 16.67%                 | 5.77%            | 10.26%                        | 23.08% | 156      |
| Took a nap<br>Used a   | 0.66%            | 2.63%             | 1.32%                  | 1.32%            | 7.89%                         | 86.18% | 152      |
| physical resource (e.g. a book from                                  | 39.10%           | 21.79%            | 16.03%                 | 7.05%            | 10.90%                        | 5.13%  | 156      |

| the library's stacks)         |        |        |        |        |         |         |     |
|-------------------------------|--------|--------|--------|--------|---------|---------|-----|
| Used an online resource (such |        |        |        |        |         |         |     |
| as an e-book,                 |        |        |        |        |         |         |     |
| digital or .pdf               |        |        |        |        |         |         |     |
| copy of a journal article,    |        |        |        |        |         |         |     |
| etc.)                         | 30.52% | 15.58% | 9.74%  | 5.84%  | 14.94%  | 23.38%  | 154 |
| Developed                     |        |        |        |        |         |         |     |
| teaching                      |        |        |        |        |         |         |     |
| materials or instructional    |        |        |        |        |         |         |     |
| resources                     | 5.81%  | 14.84% | 12.90% | 10.97% | 16.77%  | 38.71%  | 155 |
| Worked on a                   |        |        |        |        |         |         |     |
| digital or multi-             | 0.040/ | 0.500/ | 7.050/ | 0.440/ | 40.4007 | 07.040/ | 450 |
| media project                 | 3.21%  | 2.56%  | 7.05%  | 6.41%  | 13.46%  | 67.31%  | 156 |
| Browsed through book          |        |        |        |        |         |         |     |
| stack areas                   |        |        |        |        |         |         |     |
| beyond                        |        |        |        |        |         |         |     |
| seeking a                     |        |        |        |        |         |         |     |
| specific item                 | 16.67% | 23.08% | 20.51% | 8.97%  | 19.23%  | 11.54%  | 156 |
| Other (please                 |        |        |        |        |         |         |     |
| fill in):                     | 23.81% | 19.05% | 4.76%  |        | 4.76%   | 47.62%  | 21  |

#### LSP8 [Contingent on respondent selecting "Yes" in LSP1]

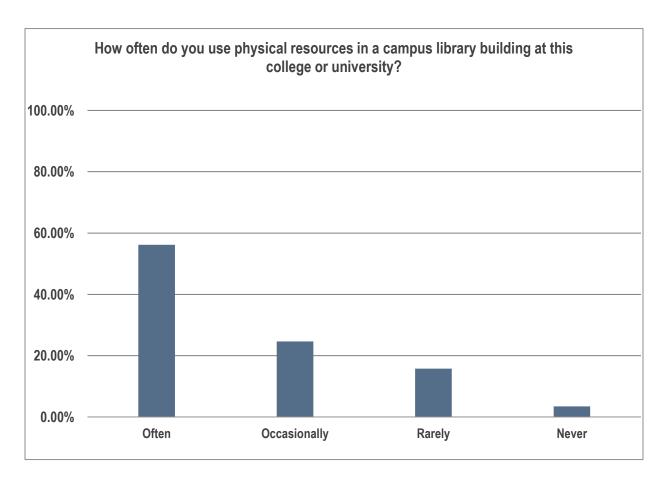
When was the last time you did the following activities in a library building on campus at this college or university?



## LSP9 [Contingent on respondent having used physical resources in a campus library building as indicated in LSP8]

How often do you use physical resources in a campus library building at this college or university (such as physical copies of books, images or journal articles in the library's collection, or historical documents in a special collection or archive)?

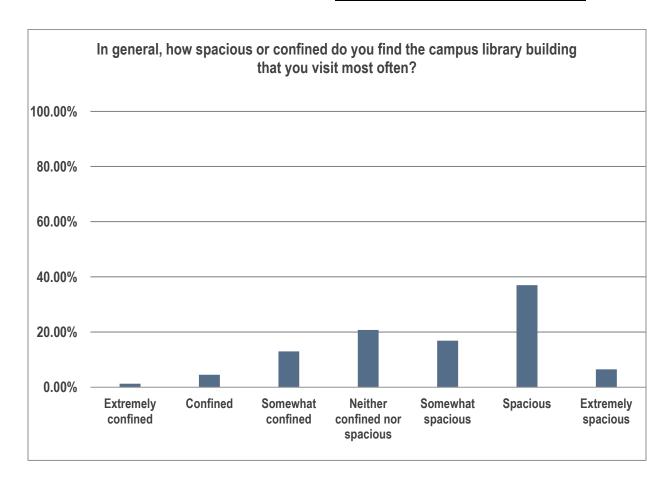
|              | Response | Percent |
|--------------|----------|---------|
| Often        | 82       | 56.16%  |
| Occasionally | 36       | 24.66%  |
| Rarely       | 23       | 15.75%  |
| Never        | 5        | 3.42%   |
|              | 146      | 100.00% |



#### LSP10 [Contingent on respondent selecting "Yes" in LSP1]

In general, how spacious or confined do you find the campus library building that you visit most often?

|                               | Response | Percent |
|-------------------------------|----------|---------|
| Extremely confined            | 2        | 1.30%   |
| Confined                      | 7        | 4.55%   |
| Somewhat confined             | 20       | 12.99%  |
| Neither confined nor spacious | 32       | 20.78%  |
| Somewhat spacious             | 26       | 16.88%  |
| Spacious                      | 57       | 37.01%  |
| Extremely spacious            | 10       | 6.49%   |
|                               | 154      | 100.00% |



#### LSP11 [Contingent on respondent selecting "Yes" in LSP1]

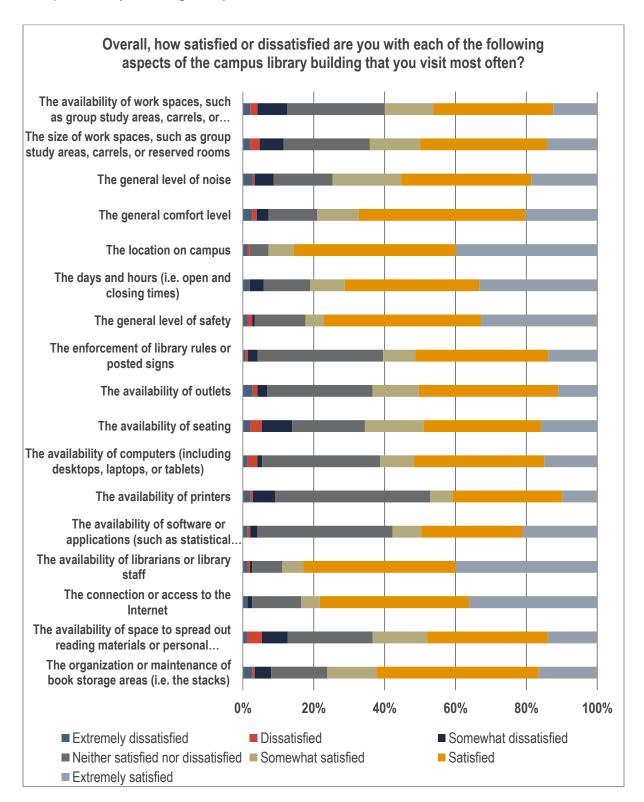
Overall, how satisfied or dissatisfied are you with each of the following aspects of the campus library building that you visit most often?

|  | Extremely dissatisfied | Dissatisfied | Somewhat dissatisfied | Neither<br>satisfied<br>nor<br>dissatisfied | Somewh at satisfied | Satisfied | Extremely satisfied | Response |
|--|------------------------|--------------|-----------------------|---|---------------------|-----------|---------------------|----------|
| The availability of work spaces, such as group study areas, carrels, or  |                        |              |                       |   |                     |           |                     |          |
| reserved rooms   | 2.07%                  | 2.07%        | 8.28%                 | 27.59%                                      | 13.79%              | 33.79%    | 12.41%              | 145      |
| The size of work spaces, such as group study areas, carrels, or reserved rooms   | 2.03%                  | 2.70%        | 6.760/                | 24 220/                                     | 14.19%              | 25.040/   | 44 400/             | 148      |
| The general level of noise   | 2.67%                  | 0.67%        | 5.33%                 | 24.32%<br>16.67%                            | 19.33%              | 35.81%    | 14.19%              | 150      |
| The general comfort level  | 2.61%                  | 1.31%        | 3.27%                 | 13.73%                                      | 11.76%              | 47.06%    | 20.26%              | 153      |
| The location on campus   | 1.31%                  | 0.65%        |                       | 5.23%                                       | 7.19%               | 45.75%    | 39.87%              | 153      |
| The days and hours (i.e. open and closing times)   | 1.96%                  |              | 3.92%                 | 13.07%                                      | 9.80%               | 37.91%    | 33.33%              | 153      |
| The general level of safety  | 1.31%                  | 1.31%        | 0.65%                 | 14.38%                                      | 5.23%               | 44.44%    | 32.68%              | 153      |
| The enforcement of library rules or posted signs   | 0.000/                 | 0.000/       | 0.700/                | 25.400/                                     | 0.000/              | 27.500/   | 42.000/             | 144      |
| The availability of  | 0.69%                  | 0.69%        | 2.78%                 | 35.42%                                      | 9.03%               | 37.50%    | 13.89%              | 144      |
| outlets  | 2.76%                  | 1.38%        | 2.76%                 | 29.66%                                      | 13.10%              | 39.31%    | 11.03%              | 145      |
| The availability of seating  | 1.99%                  | 3.31%        | 8.61%                 | 20.53%                                      | 16.56%              | 33.11%    | 15.89%              | 151      |
| The availability of computers (including desktops, laptops, or tablets)  | 1.36%                  | 2.72%        | 1.36%                 | 33.33%                                      | 9.52%               | 36.73%    | 14.97%              | 147      |
| The availability of printers   | 2.11%                  | 0.70%        | 6.34%                 | 43.66%                                      | 6.34%               | 30.99%    | 9.86%               | 142      |
| The availability of software or applications (such as statistical analysis programs, Word/Excel/PowerPoint, Internet browsers, etc.) | 1.36%                  | 0.68%        | 2.04%                 | 38.10%                                      | 8.16%               | 28.57%    | 21.09%              | 147      |
| The availability of librarians or library staff  | 1.31%                  | 0.65%        | 0.65%                 | 8.50%                                       | 5.88%               | 43.14%    | 39.87%              | 153      |
| The connection or access to the Internet   | 1.32%                  |              | 1.32%                 | 13.82%                                      | 5.26%               | 42.11%    | 36.18%              | 152      |

| The availability of space to spread out reading materials or personal belongings | 1.33% | 4.00% | 7.33% | 24.00% | 15.33% | 34.00% | 14.00% | 150 |
|--|-------|-------|-------|--------|--------|--------|--------|-----|
| The organization or maintenance of book storage areas (i.e. the stacks)          | 2.65% | 0.66% | 4.64% | 15.89% | 13.91% | 45.70% | 16.56% | 151 |

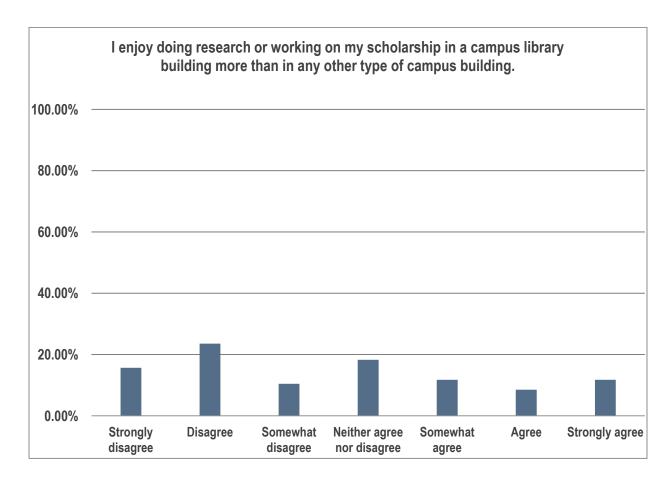
#### LSP11 [Contingent on respondent selecting "Yes" in LSP1]

Overall, how satisfied or dissatisfied are you with each of the following aspects of the campus library building that you visit most often?



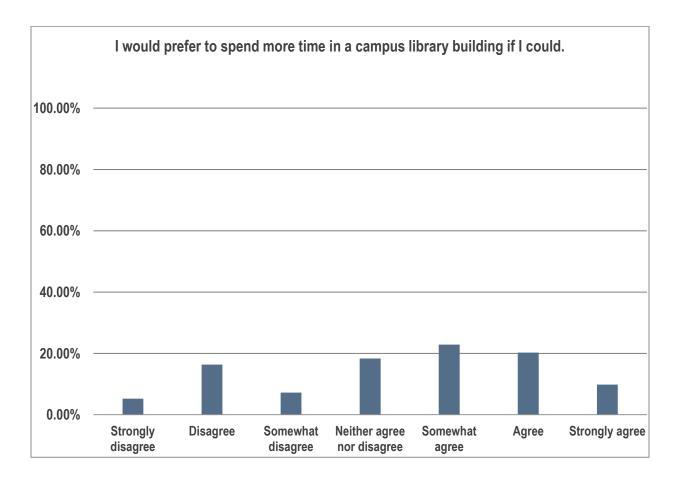
LSP12 I enjoy doing research or working on my scholarship in a campus library building more than in any other type of campus building.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 24       | 15.69%  |
| Disagree                   | 36       | 23.53%  |
| Somewhat disagree          | 16       | 10.46%  |
| Neither agree nor disagree | 28       | 18.30%  |
| Somewhat agree             | 18       | 11.76%  |
| Agree                      | 13       | 8.50%   |
| Strongly agree             | 18       | 11.76%  |
|                            | 153      | 100.00% |



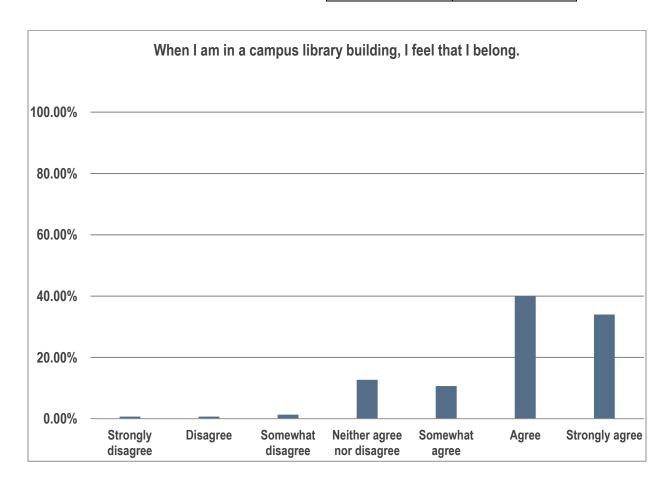
LSP13 I would prefer to spend more time in a campus library building if I could.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 8        | 5.23%   |
| Disagree                   | 25       | 16.34%  |
| Somewhat disagree          | 11       | 7.19%   |
| Neither agree nor disagree | 28       | 18.30%  |
| Somewhat agree             | 35       | 22.88%  |
| Agree                      | 31       | 20.26%  |
| Strongly agree             | 15       | 9.80%   |
|                            | 153      | 100.00% |



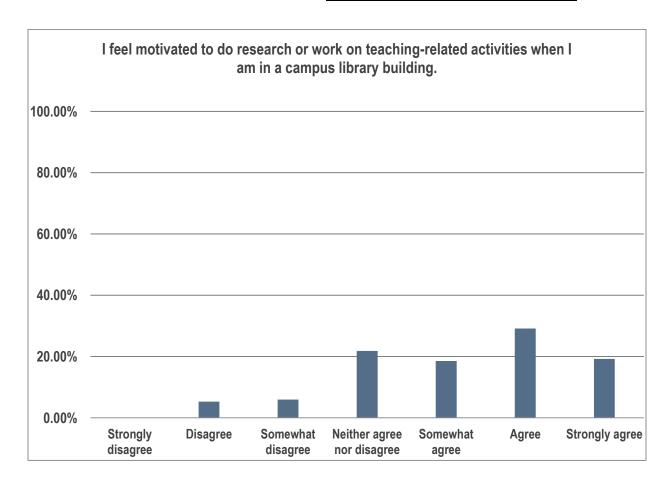
LSP14 When I am in a campus library building, I feel that I belong.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 1        | 0.67%   |
| Disagree                   | 1        | 0.67%   |
| Somewhat disagree          | 2        | 1.33%   |
| Neither agree nor disagree | 19       | 12.67%  |
| Somewhat agree             | 16       | 10.67%  |
| Agree                      | 60       | 40.00%  |
| Strongly agree             | 51       | 34.00%  |
|                            | 150      | 100.00% |



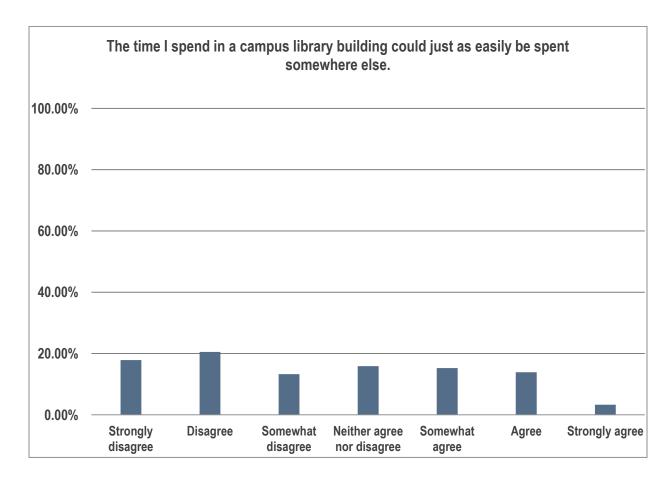
LSP15 I feel motivated to do research or work on teaching-related activities when I am in a campus library building.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 0        | 0.00%   |
| Disagree                   | 8        | 5.30%   |
| Somewhat disagree          | 9        | 5.96%   |
| Neither agree nor disagree | 33       | 21.85%  |
| Somewhat agree             | 28       | 18.54%  |
| Agree                      | 44       | 29.14%  |
| Strongly agree             | 29       | 19.21%  |
|                            | 151      | 100.00% |



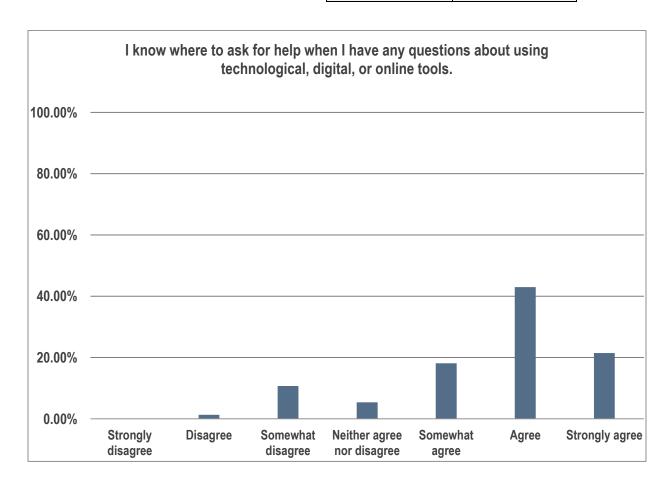
LSP16
The time I spend in a campus library building could just as easily be spent somewhere else.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 27       | 17.88%  |
| Disagree                   | 31       | 20.53%  |
| Somewhat disagree          | 20       | 13.25%  |
| Neither agree nor disagree | 24       | 15.89%  |
| Somewhat agree             | 23       | 15.23%  |
| Agree                      | 21       | 13.91%  |
| Strongly agree             | 5        | 3.31%   |
|                            | 151      | 100.00% |



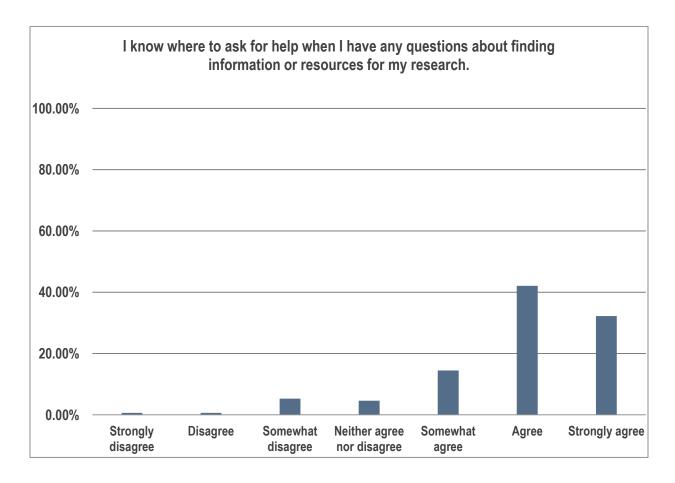
LSP17 I know where to ask for help when I have any questions about using technological, digital, or online tools.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 0        | 0.00%   |
| Disagree                   | 2        | 1.34%   |
| Somewhat disagree          | 16       | 10.74%  |
| Neither agree nor disagree | 8        | 5.37%   |
| Somewhat agree             | 27       | 18.12%  |
| Agree                      | 64       | 42.95%  |
| Strongly agree             | 32       | 21.48%  |
|                            | 149      | 100.00% |



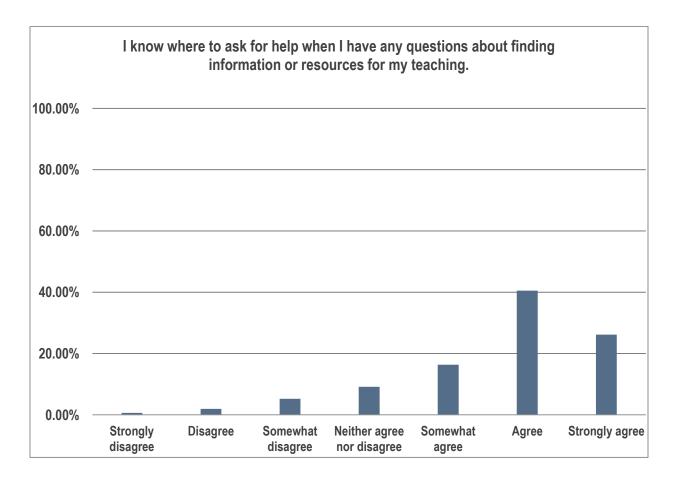
LSP18 I know where to ask for help when I have any questions about finding information or resources for my research.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 1        | 0.66%   |
| Disagree                   | 1        | 0.66%   |
| Somewhat disagree          | 8        | 5.26%   |
| Neither agree nor disagree | 7        | 4.61%   |
| Somewhat agree             | 22       | 14.47%  |
| Agree                      | 64       | 42.11%  |
| Strongly agree             | 49       | 32.24%  |
|                            | 152      | 100.00% |



LSP19 I know where to ask for help when I have any questions about finding information or resources for my teaching.

|                            | Response | Percent |
|----------------------------|----------|---------|
| Strongly disagree          | 1        | 0.65%   |
| Disagree                   | 3        | 1.96%   |
| Somewhat disagree          | 8        | 5.23%   |
| Neither agree nor disagree | 14       | 9.15%   |
| Somewhat agree             | 25       | 16.34%  |
| Agree                      | 62       | 40.52%  |
| Strongly agree             | 40       | 26.14%  |
|                            | 153      | 100.00% |



# Demographic Questions / Embedded Data

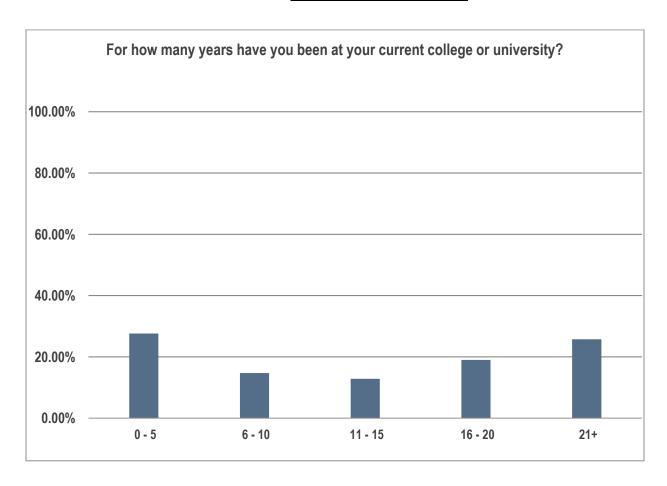
D1 For how many years have you been at your current college or university? D2 For how many years have you been in your field? D3 Do you think of yourself primarily as a researcher, primarily as a teacher, or somewhere in between? D4 Faculty members teach courses both in traditional face-to-face classroom settings and using a variety of distance education models. Do you teach courses primarily face-toface, primarily remotely, or somewhere in between? D5 What is your age? D6 Do you identify as: D7 Please select your department. D8 Please select your rank. D9 Please select your status. **Employee Classification** 

Home Org Scope

Gender

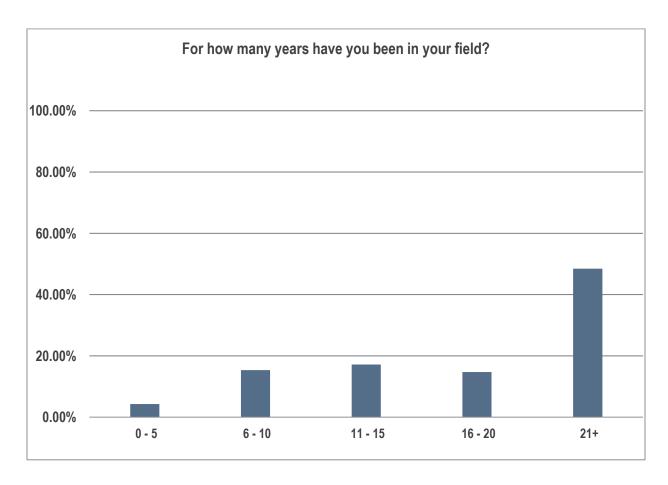
D1 For how many years have you been at your current college or university?

|         | Response | Percent |
|---------|----------|---------|
| 0 - 5   | 45       | 27.61%  |
| 6 - 10  | 24       | 14.72%  |
| 11 - 15 | 21       | 12.88%  |
| 16 - 20 | 31       | 19.02%  |
| 21+     | 42       | 25.77%  |
|         | 163      | 100.00% |



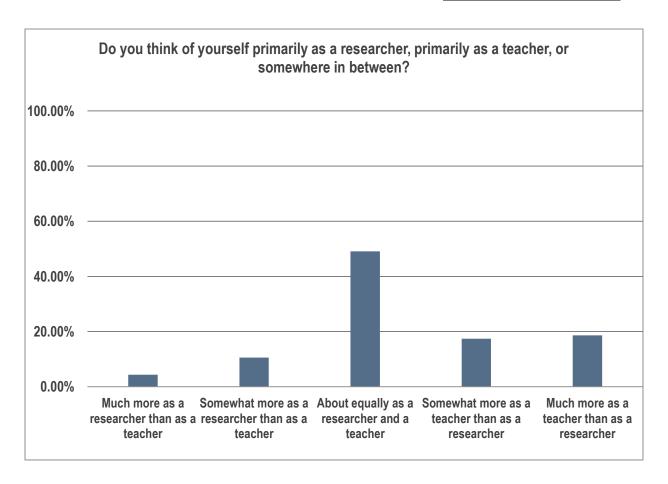
D2 For how many years have you been in your field?

|         | Response | Percent |
|---------|----------|---------|
| 0 - 5   | 7        | 4.29%   |
| 6 - 10  | 25       | 15.34%  |
| 11 - 15 | 28       | 17.18%  |
| 16 - 20 | 24       | 14.72%  |
| 21+     | 79       | 48.47%  |
|         | 163      | 100.00% |



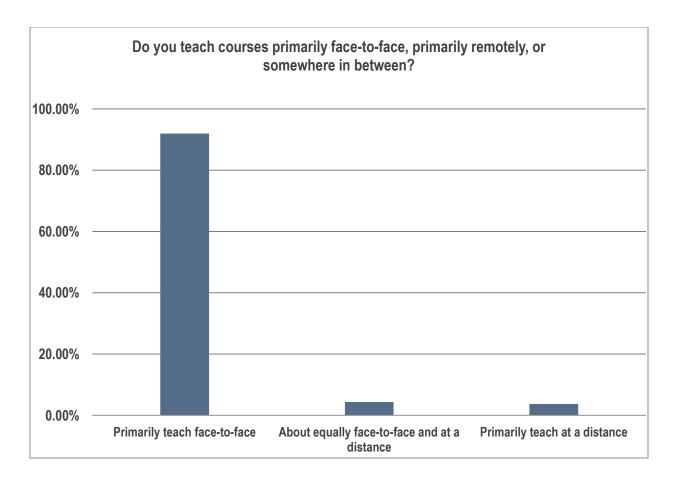
D3
Do you think of yourself primarily as a researcher, primarily as a teacher, or somewhere in between?

|   | Response | Percent |
|---|----------|---------|
| Much more as a researcher than as a teacher     | 7        | 4.35%   |
| Somewhat more as a researcher than as a teacher | 17       | 10.56%  |
| About equally as a researcher and a teacher     | 79       | 49.07%  |
| Somewhat more as a teacher than as a researcher | 28       | 17.39%  |
| Much more as a teacher than as a researcher     | 30       | 18.63%  |
|   | 161      | 100.00% |



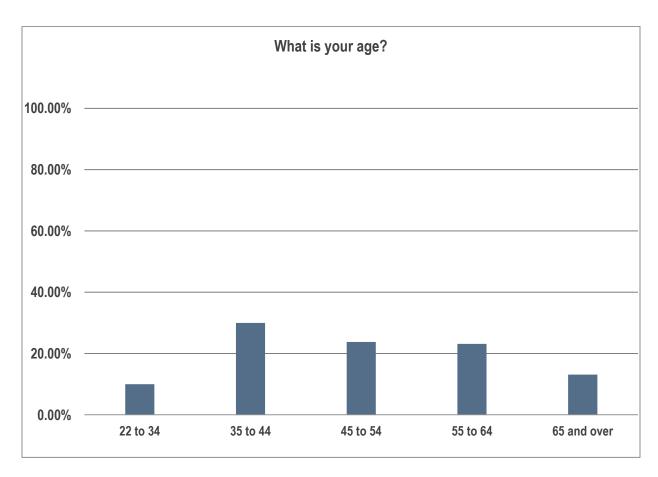
D4
Faculty members teach courses both in traditional face-to-face classroom settings and using a variety of distance education models. Do you teach courses primarily face-to-face, primarily remotely, or somewhere in between?

|  | Response | Percent |
|--|----------|---------|
| Primarily teach face-to-face                 | 148      | 91.93%  |
| About equally face-to-face and at a distance | 7        | 4.35%   |
| Primarily teach at a distance                | 6        | 3.73%   |
|  | 161      | 100.00% |



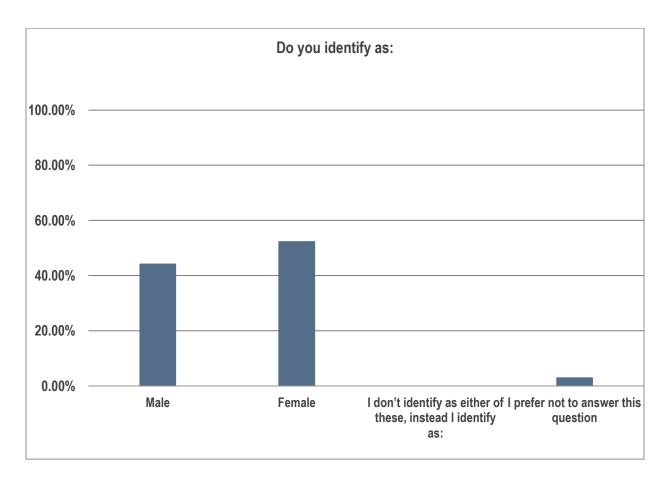
D5 What is your age?

|             | Response | Percent |
|-------------|----------|---------|
| 22 to 34    | 16       | 10.00%  |
| 35 to 44    | 48       | 30.00%  |
| 45 to 54    | 38       | 23.75%  |
| 55 to 64    | 37       | 23.13%  |
| 65 and over | 21       | 13.13%  |
|             | 160      | 100.00% |



D6 Do you identify as:

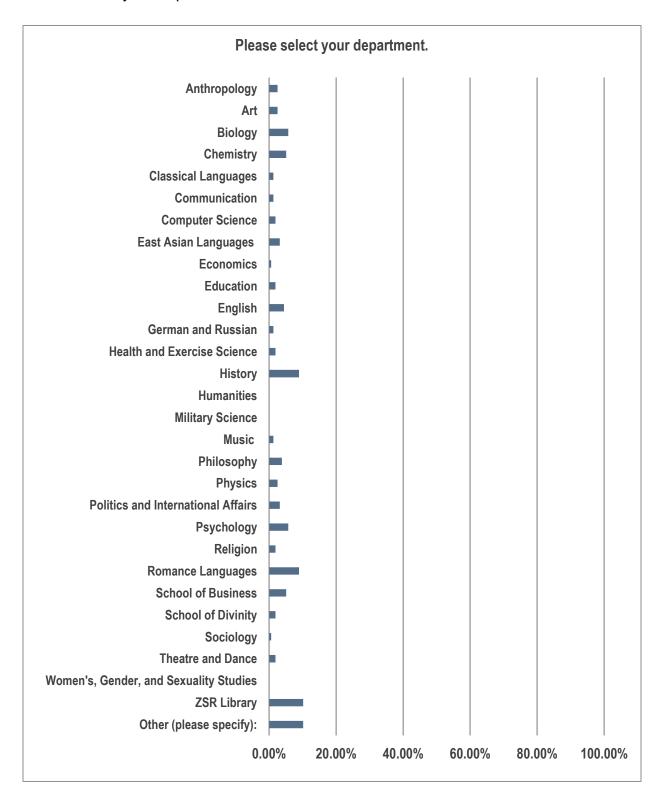
|  | Response | Percent |
|--|----------|---------|
| Male   | 71       | 44.38%  |
| Female   | 84       | 52.50%  |
| I don't identify as either of these, instead I |          |         |
| identify as:                                   | 0        | 0.00%   |
| I prefer not to answer this question           | 5        | 3.13%   |
|  | 160      | 100.00% |



D7
Please select your department.

|  | Response | Percent |
|--|----------|---------|
| Anthropology                           | 4        | 2.55%   |
| Art                                    | 4        | 2.55%   |
| Biology                                | 9        | 5.73%   |
| Chemistry                              | 8        | 5.10%   |
| Classical Languages                    | 2        | 1.27%   |
| Communication                          | 2        | 1.27%   |
| Computer Science                       | 3        | 1.91%   |
| East Asian Languages                   | 5        | 3.18%   |
| Economics                              | 1        | 0.64%   |
| Education                              | 3        | 1.91%   |
| English                                | 7        | 4.46%   |
| German and Russian                     | 2        | 1.27%   |
| Health and Exercise Science            | 3        | 1.91%   |
| History                                | 14       | 8.92%   |
| Humanities                             | 0        | 0.00%   |
| Military Science                       | 0        | 0.00%   |
| Music                                  | 2        | 1.27%   |
| Philosophy                             | 6        | 3.82%   |
| Physics                                | 4        | 2.55%   |
| Politics and International Affairs     | 5        | 3.18%   |
| Psychology                             | 9        | 5.73%   |
| Religion                               | 3        | 1.91%   |
| Romance Languages                      | 14       | 8.92%   |
| School of Business                     | 8        | 5.10%   |
| School of Divinity                     | 3        | 1.91%   |
| Sociology                              | 1        | 0.64%   |
| Theatre and Dance                      | 3        | 1.91%   |
| Women's, Gender, and Sexuality Studies | 0        | 0.00%   |
| ZSR Library                            | 16       | 10.19%  |
| Other (please specify):                | 16       | 10.19%  |
|  | 157      | 100.00% |

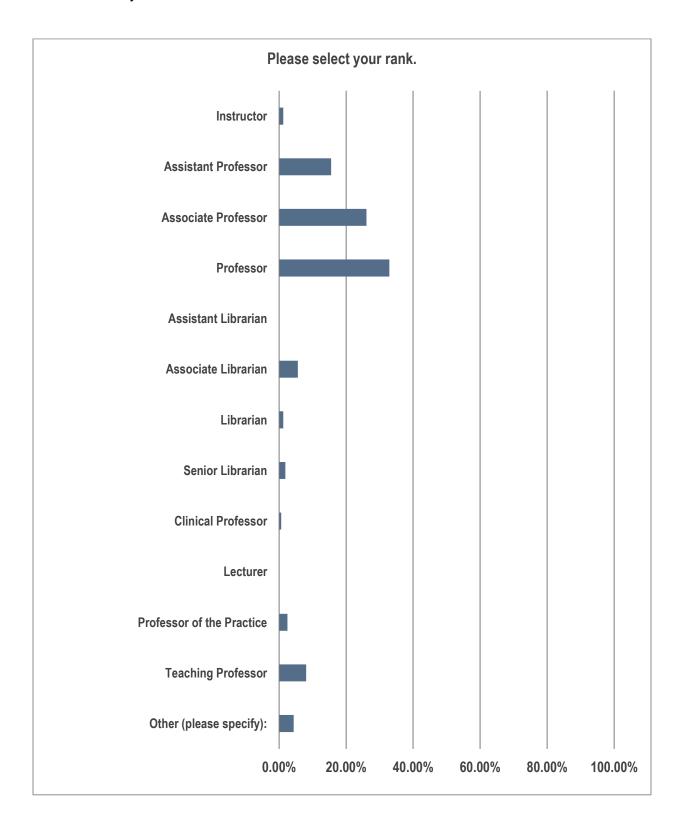
D7
Please select your department.



D8
Please select your rank.

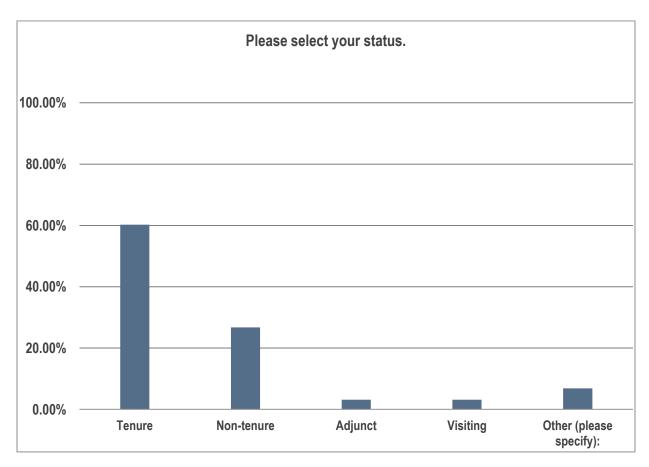
|                           | Response | Percent |
|---------------------------|----------|---------|
| Instructor                | 2        | 1.24%   |
| Assistant Professor       | 25       | 15.53%  |
| Associate Professor       | 42       | 26.09%  |
| Professor                 | 53       | 32.92%  |
| Assistant Librarian       | 0        | 0.00%   |
| Associate Librarian       | 9        | 5.59%   |
| Librarian                 | 2        | 1.24%   |
| Senior Librarian          | 3        | 1.86%   |
| Clinical Professor        | 1        | 0.62%   |
| Lecturer                  | 0        | 0.00%   |
| Professor of the Practice | 4        | 2.48%   |
| Teaching Professor        | 13       | 8.07%   |
| Other (please specify):   | 7        | 4.35%   |
|                           | 161      | 100.00% |

D8 Please select your rank.



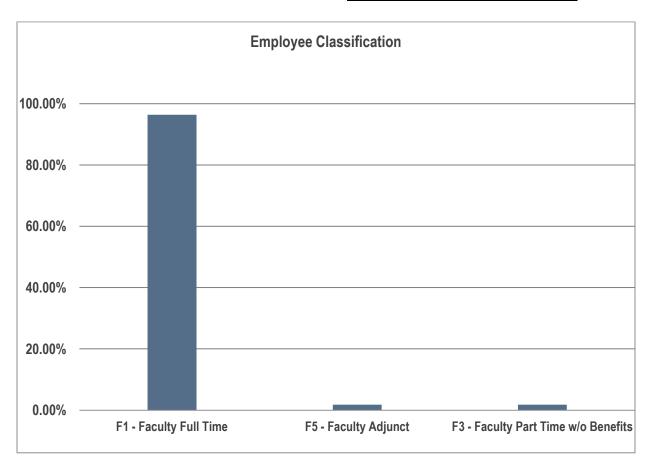
D9 Please select your status.

|                         | Response | Percent |
|-------------------------|----------|---------|
| Tenure                  | 97       | 60.25%  |
| Non-tenure              | 43       | 26.71%  |
| Adjunct                 | 5        | 3.11%   |
| Visiting                | 5        | 3.11%   |
| Other (please specify): | 11       | 6.83%   |
|                         | 161      | 100.00% |



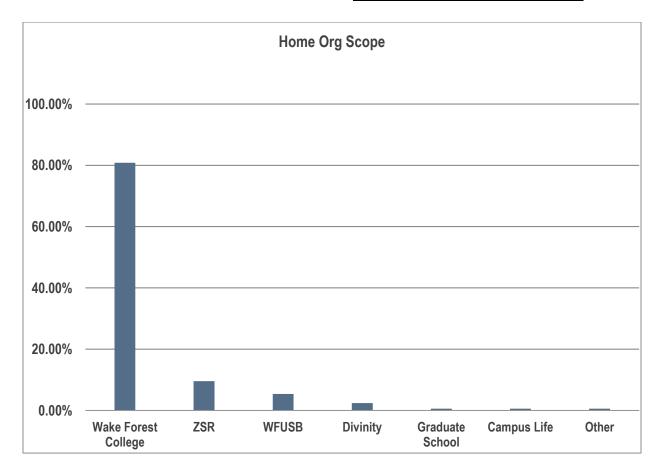
## Employee Classification

|                                     | Response | Percent |
|-------------------------------------|----------|---------|
| F1 - Faculty Full Time              | 161      | 96.41%  |
| F5 - Faculty Adjunct                | 3        | 1.80%   |
| F3 - Faculty Part Time w/o Benefits | 3        | 1.80%   |
|                                     | 167      | 100.00% |



## Home Org Scope

|                     | Response | Percent |
|---------------------|----------|---------|
| Wake Forest College | 135      | 80.84%  |
| ZSR                 | 16       | 9.58%   |
| WFUSB               | 9        | 5.39%   |
| Divinity            | 4        | 2.40%   |
| Graduate School     | 1        | 0.60%   |
| Campus Life         | 1        | 0.60%   |
| Other               | 1        | 0.60%   |
|                     | 167      | 100.00% |



#### Gender

|   | Response | Percent |
|---|----------|---------|
| F | 90       | 53.89%  |
| M | 77       | 46.11%  |
|   | 167      | 100.00% |

