Chapter 6  Faculty & Staff

Goals
A great university is defined in large part by its outstanding faculty. The University of Michigan attracts faculty members with commitments to both teaching and research excellence, as shown by the high quality of the graduating students and the superior research and scholarship by the faculty. Likewise, the University seeks the highest level of performance and productivity from its staff members in support of the institution’s academics, research and service.

Overview
The faculty headcount in fall 2021 at the University of Michigan was 7,719 and the full-time-equivalent (FTE) total was 6,590. Instructional appointments comprise 3,564 FTEs, and another 3,026 FTEs are individuals with clinical, research and other titles who are primarily involved in health care, research, and related scholarly activities.

Although statistics can hardly capture the full scope of the faculty’s activities and accomplishments, a summary of some of the awards and honors earned by faculty members provides a glimpse into their successes. The U-M is proud of the sizeable cadres of faculty who have been elected to the National Academy of Sciences, National Academy of Engineering, National Academy of Medicine and American Academy of Arts and Sciences. In addition, many faculty members have been awarded a MacArthur Foundation Fellowship (aka “genius” awards), Emmy and Grammy awards, National Medal of Art, and countless other honors bestowed by scholarly and professional societies. In 2018, Gérard Mourou, emeritus professor in electrical engineering and computer science, received a Nobel Prize in Physics for “groundbreaking inventions in the field of laser physics.”

U-M faculty members are primarily involved in teaching, research and scholarship. However, the faculty also have service responsibilities to the university and broader academic community and society at large, as well as administrative duties and an important role in setting academic policies for admissions, the granting of degrees, and the content of the curriculum.

Staff members play key roles in the efficient and productive operation of nearly all facets of the University. They are involved in the conduct and administration of research; provide academic, housing and other services for students; handle financial operations of the institution; manage the physical and digital infrastructure of the campus; and monitor the many federal, state and professional compliance rules the institution must follow.

For More Information
HR Data Requests and Standard Reports
(hr.umich.edu/working-u-m/management-administration/hr-reports-data-services/hr-data-requests-standard-reports)

Office of Budget and Planning - Campus Statistics
(obp.umich.edu)

Other chapters provide information related to faculty activity, including indicators of the teaching workload (Chapter 8) and research activity (Chapter 9). The quality of the faculty influences the U-M’s placement in many national and international rankings (Chapter 12). Diversity indicators for the faculty, staff and students are reported in Chapter 7.

Charts in Chapter 6
6.1.1 Academic Workforce, Headcount by Job Family, Fall 2021
6.1.2 Academic Workforce, Full-Time Equivalents by Job Family, Fall 2021.
6.2.1 Tenured/Tenure-Track Faculty, Headcount by Title, Fall 2011-2021.
6.2.2 New Hires and Departures of Tenured/Tenure-Track Faculty; Annual Net Change and Cumulative Change, 2011-2021.
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6.3.1 Faculty Distribution by Discipline Groups, Fall 2021.
6.3.2 Current U-M Faculty Members Elected to the National Academies, by Discipline, March 2022.
6.5.1 Headcount of Regular Staff, Fall 2011-2021.
6.5.2 Age Distribution of Staff, Fall 2011 and Fall 2021.
More than half of the academic workforce (tenured/tenure-track faculty and lecturers) is involved in instruction, whether measured by headcount or full-time equivalents.

6.1.1 Academic Workforce, Headcount by Job Family, Fall 2021.

6.1.2 Academic Workforce, Full-Time Equivalents by Job Family, Fall 2021.

SOURCE: U-M Human Resources Data

The total academic workforce is 7,719 by headcount and 6,590 by full-time equivalents (FTEs), based on data collected on November 1 each year. The difference is due to several factors: some individuals hold a fractional academic appointment and a fractional staff appointment, for instance, or may work part-time at the University and have a second position with another employer.

Tenured and tenure-track faculty members and lecturers handle the majority of instructional activities. Clinical faculty members also play a role in instruction. Research and primary faculty include individuals involved in research, mentoring of graduate students and research fellows, and those who serve as librarians, curators, and archivists.

“Other Academic” includes not-on-tenure-track faculty, supplemental instructional faculty (adjunct/visiting), supplemental research faculty (adjunct/visiting), and emeritus faculty.

Graduate students with supplemental appointments (GSI/GSRE/GSSA) who are involved in instruction or research are not included in the above charts.
Tenured/tenure-track faculty numbers have grown by 139 FTE between 2011 and 2021, and the FTE of clinical faculty (see 6.1.4) has increased by 754 over the same period.

### 6.1.3 Academic Workforce by Full-Time Equivalents, 2011-2021.

The academic group growing most rapidly is clinical faculty. The bulk of this group is comprised of faculty-physicians who teach and provide clinical care throughout the U-M Health System. Counts are recorded as of November 1 of each year.

**Source:** U-M Human Resources Data
The total tenured and tenure-track faculty headcount has increased from 2,983 in Fall 2011 to 3,136 in Fall 2021, an increase of 153.

6.2.1 Tenured/Tenure-Track Faculty, Headcount by Title, Fall 2011-2021.

Growing the faculty ranks has been a priority over the last decade in efforts to support emerging research opportunities, enhance the student learning experience and increase the proportion of small classes offered.

SOURCE: U-M Human Resources Data
Tenured and tenure-track faculty have shown a year-to-year net increase in eight of the last ten years.

6.2.2 New Hires and Departures of Tenured/Tenure-Track Faculty; Annual Net Change and Cumulative Change, 2011-2021.

The hiring and departure decisions reported above occurred during the academic year leading up to November 1 of the year on the chart. Departures include faculty members who retire, move into non-tenure-track assignments, or who leave the University for other positions.
In 2011, 23 percent of faculty members were age 60 and older; today the comparable fraction is 29 percent.

6.2.3 Age Distribution of Tenured/Tenure-Track Faculty, Fall 2011 and 2021.

SOURCE: U-M Human Resources Data
Tenured and tenure-track faculty members are spread broadly across the academic disciplines. Outside of the tenure-track, 55 percent of regular faculty members are in medicine.

### 6.3.1 Faculty Distribution by Discipline Groups, Fall 2021.

<table>
<thead>
<tr>
<th>Discipline Group</th>
<th>Total</th>
<th>Tenured/Tenure-Track Faculty</th>
<th>Lecturers</th>
<th>All Other Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities &amp; the Arts</td>
<td>2,330</td>
<td>11</td>
<td>202</td>
<td>221</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>1,128</td>
<td></td>
<td>747</td>
<td></td>
</tr>
<tr>
<td>Physical Sciences &amp; Engineering</td>
<td>426</td>
<td></td>
<td>302</td>
<td></td>
</tr>
<tr>
<td>Biological and Other Health Sciences</td>
<td>943</td>
<td></td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>Medicine</td>
<td>3,287</td>
<td></td>
<td>110</td>
<td>14</td>
</tr>
</tbody>
</table>

**SOURCE:** U-M Human Resources Data

“All Other Faculty” includes clinical instructional faculty, research faculty, librarians, archivists, curators, and not-on-track regular faculty.

In addition to the categorization by disciplines shown above, 269 members of the regular faculty hold positions (such as some librarians) or are primarily affiliated with units (such as the Residential College) that do not fit neatly into a discipline. Of these, two are tenured or tenure-track faculty, 104 are lecturers and 159 hold other faculty positions.

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1 A list of disciplines assigned to each group is found in Appendix C.
182 active and retired U-M faculty members have been elected to one or more of the National Academies.

6.3.2 Current U-M Faculty Members Elected to the National Academies, by Discipline, March 2022.

Membership in a National Academy is considered to be one of the highest honors bestowed upon scientists, engineers and scholars in recognition of their distinguished and continuing achievements in original scholarship and research.

Through the Academies, U-M faculty members serve as a source for independent, unbiased expertise on challenging issues facing the nation and the world. Their advice and insights help shape policies, inform public opinion and advance the pursuit of science, engineering and medicine.

Election to these prestigious societies is through nomination and selection by existing members in recognition of extraordinary achievements and commitment to service.

Source: National Academies of Sciences, National Academy of Engineering, National Academy of Medicine, American Academy of Arts and Sciences

2 In 2015, the Institute of Medicine was renamed the National Academy of Medicine.
The average salaries of faculty members at U-M and its peers have noticeably declined over the last two years when adjusted for inflation – not a surprise given the growth in inflation the country has experienced. However, U-M faculty members remain competitive with their public university peers, and lag their private university peers.


The current average annual salary of full professors at the University of Michigan is $56,800 less than the average of full professors at private peer institutions, and $2,600 more than the average of full professors at public peers. U-M associate professors currently earn $30,600 less than their private university counterparts and $10,900 more than associate professors at public peers. Assistant professors at the U-M currently earn $28,500 below those at private peer universities and $1,800 less than at public peers. All comparisons exclude medical school faculty.

SOURCE: American Association of University Professors

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3 Salaries of medical school faculty are excluded from these data.
4 A list of the “official” peers used for comparison on this page is found in Appendix A.
5 Based on FY2022 U.S. Employer Cost Index as of November 2021, estimated by the U-M Research Seminar on Quantitative Economics.
The rate of growth in total Ann Arbor campus staff\(^6\) is low, increasing at an average of 1.66 percent annually over the last decade.

6.5.1 Headcount of Regular Staff, Fall 2011-2021.

SOURCE: U-M Human Resources Data

Headcount for each fiscal year is based on appointment data as of November 1. “Regular Staff” primarily hold full-time appointments, but this headcount also includes individuals with part-time positions. Furthermore, regular staff excludes those with appointments in the "supplemental" staff categories, as well as graduate student instructors, graduate student research assistants, graduate staff assistants, research fellows, and non-faculty staff from U-M Health System.

\(\text{\` Staff counts exclude individuals whose primary appointment is in a faculty position.} \)
In 2011, 11 percent of the Ann Arbor campus non-Health System regular staff\(^8\) was older than age 60. Today that group represents 13 percent of the staff population.

6.5.2 Age Distribution of Staff, Fall 2011 and Fall 2021.

\(^8\) The regular staff category excludes individuals whose primary appointment is in a faculty position, or in a temporary staff position.