# 2018-19 UMD Graduate Follow-up Report

## Biochemistry

*(Bachelor of Arts or Bachelor of Science)*

### Annual Comparison

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Students Granted Baccalaureate Degrees</strong></td>
<td>43</td>
<td>50</td>
<td>52</td>
<td>53</td>
<td>46</td>
</tr>
<tr>
<td><strong>Baccalaureate Degree Respondents</strong></td>
<td>42</td>
<td>47</td>
<td>50</td>
<td>47</td>
<td>43</td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>24</td>
<td>19</td>
<td>22</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td>Respondents Employed in Minnesota</td>
<td>19/24</td>
<td>18/19</td>
<td>17/22</td>
<td>17/21</td>
<td>17/21</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>17</td>
<td>27</td>
<td>26</td>
<td>21</td>
<td>18</td>
</tr>
<tr>
<td><strong>Internship Participation Respondents</strong></td>
<td>38</td>
<td>41</td>
<td>48</td>
<td>44</td>
<td>38</td>
</tr>
<tr>
<td>Respondents completing an internship or co-op experience (not student teaching)</td>
<td>6</td>
<td>4</td>
<td>10</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Respondents receiving academic credit for their internship or co-op experience</td>
<td>2/5</td>
<td>3/4</td>
<td>3/9</td>
<td>1/6</td>
<td>0/8</td>
</tr>
<tr>
<td>Respondents receiving payment for their internship or co-op experience</td>
<td>4/5</td>
<td>3/4</td>
<td>7/9</td>
<td>4/6</td>
<td>8/8</td>
</tr>
<tr>
<td>Respondents receiving an offer of employment from the internship or co-op site</td>
<td>0/5</td>
<td>0/4</td>
<td>3/9</td>
<td>1/6</td>
<td>2/6</td>
</tr>
<tr>
<td>Respondents accepting the employment offer</td>
<td>na</td>
<td>na</td>
<td>3/3</td>
<td>0/1</td>
<td>2/2</td>
</tr>
<tr>
<td><strong>Study Abroad Participation Respondents</strong></td>
<td>37</td>
<td>40</td>
<td>48</td>
<td>44</td>
<td>35</td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>10</td>
<td>7</td>
<td>3</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>
# Biochemistry | 2018-19 UMD Graduate Follow-up Report

## Baccalaureate Statistics

<table>
<thead>
<tr>
<th>Awarded Majors¹</th>
<th>Survey Respondents²</th>
<th>Employed</th>
<th>Cont Ed Undergrad</th>
<th>Cont Ed Grad/Prof</th>
<th>Not Seeking</th>
<th>Actively Seeking</th>
<th>No Info</th>
<th>Employed w/State Given</th>
<th>Employed in Minnesota</th>
<th>Employed in Minnesota %</th>
<th>% Placed³</th>
</tr>
</thead>
<tbody>
<tr>
<td>46</td>
<td>43</td>
<td>22</td>
<td>0</td>
<td>18</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>21</td>
<td>17</td>
<td>81%</td>
<td>51%</td>
</tr>
</tbody>
</table>

## Reported Annual Salaries⁴

<table>
<thead>
<tr>
<th># Respondents</th>
<th>Low</th>
<th>High</th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>29120</td>
<td>55000</td>
<td>39575</td>
<td>37669</td>
</tr>
</tbody>
</table>

## Job Relevance to Major

<table>
<thead>
<tr>
<th>Respondents</th>
<th>Related</th>
<th>Somewhat Related</th>
<th>Not Related</th>
<th>No Response</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15</td>
<td>3</td>
<td>4</td>
<td>0</td>
</tr>
</tbody>
</table>

## Internships

<table>
<thead>
<tr>
<th>Completed an internship⁵</th>
<th>Received academic credit for it</th>
<th>Was paid</th>
<th>Received an offer of employment</th>
<th>Accepted the offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respondents</td>
<td>Respondents # Yes % Yes</td>
<td># Yes % Yes</td>
<td># Yes % Yes</td>
<td># Yes % Yes</td>
</tr>
<tr>
<td>38</td>
<td>8</td>
<td>0</td>
<td>8</td>
<td>6</td>
</tr>
</tbody>
</table>

## Study Abroad

<table>
<thead>
<tr>
<th>Studied Abroad</th>
<th>Did not study abroad</th>
<th>No response</th>
</tr>
</thead>
<tbody>
<tr>
<td># Respondents</td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>35</td>
<td>4</td>
<td>11%</td>
</tr>
</tbody>
</table>

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¹ "Awarded Majors" includes all majors completed by an individual

² "Survey Respondents" includes all majors completed by an individual and does not include "No Info"

³ % Placed includes "Survey Respondents" who are "Employed," "Continuing Ed" and "Not Seeking"

⁴ Salary data is available when 3 or more full-time employed respondents provided salary information and includes all majors completed by an individual

⁵ "Internship" includes internship or co-op, but not student teaching

⁶ "Respondents" includes all majors completed by an individual
Where Students Interned Prior to Graduation

<table>
<thead>
<tr>
<th>Company</th>
<th>Position/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Element Materials Technology</td>
<td></td>
</tr>
<tr>
<td>Essentia Health</td>
<td></td>
</tr>
<tr>
<td>Fluorescence Innovations</td>
<td></td>
</tr>
<tr>
<td>Hy-Vee Pharmacy</td>
<td></td>
</tr>
<tr>
<td>Lochness Medical</td>
<td></td>
</tr>
<tr>
<td>United States Federal Bureau</td>
<td>UMD, Summer Undergraduate Research Opportunity</td>
</tr>
<tr>
<td>of Investigation</td>
<td></td>
</tr>
<tr>
<td>University of Minnesota Duluth (UMD)</td>
<td></td>
</tr>
</tbody>
</table>

Employed & Continuing Education After Graduation - Biochemistry – Bachelor of Arts

<table>
<thead>
<tr>
<th>Company</th>
<th>Position/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>AmeriCorps, Math Corps, Minneapolis, MN</td>
<td>Tutor</td>
</tr>
<tr>
<td>Aurora West Allis Medical Center, West Allis, WI</td>
<td>Microbiology Laboratory Assistant</td>
</tr>
<tr>
<td>Essentia Health, Duluth, MN</td>
<td>Certified Pharmacy Technician</td>
</tr>
<tr>
<td>Fraser, Bloomington, MN</td>
<td>Clinical Program Assistant</td>
</tr>
<tr>
<td>Harrison Dental Studio, St. Paul, MN</td>
<td>Dental Technician</td>
</tr>
<tr>
<td>HealthEast St. Joseph's Hospital, St. Paul, MN</td>
<td>Emergency Medical Technician</td>
</tr>
<tr>
<td>LabCorp, MN</td>
<td>Laboratory Technologist</td>
</tr>
<tr>
<td>MidSci, Chicago, IL</td>
<td>Laboratory Consultant &amp; Bio Technician Sales Representative</td>
</tr>
<tr>
<td>St. Luke's, Duluth, MN</td>
<td>Inpatient Pharmacy Technician</td>
</tr>
<tr>
<td>Takeda Pharmaceuticals, Brooklyn Park, MN</td>
<td></td>
</tr>
<tr>
<td>United States Environmental Protection Agency, Mid-Continent Ecology Division, Duluth, MN</td>
<td>Aquatic Chemist</td>
</tr>
<tr>
<td>White House Black Market, Eagan, MN</td>
<td>Sales Associate</td>
</tr>
</tbody>
</table>

Graduate School, University of Delaware, Newark, DE
Employed & Continuing Education After Graduation - Biochemistry – Bachelor of Science

Aerotek, St. Paul, MN - Associate Scientist
Be the Match: National Marrow Donor Program, New Brighton, MN - Biorepository Technician
Celcuity, Plymouth, MN - Clinical Laboratory Technologist
Earth Rider Brewery, Superior, WI - Brewery Lab Technician and Brewer
Ecolab, Eagan, MN - Laboratory Technician
Ecolab through Aerotek, Eagan, MN - Laboratory Technician
Essentia Health, Duluth, MN - Laboratory Processing Technician
Pace Analytical, Maplewood, MN - Lab Analyst
ScribeAmerica - Medical Scribe
United States Federal Bureau of Investigation, Anchorage, AK - Operations Center Technician

Graduate School, Chemistry, University of Florida, Gainsville, FL
Graduate School, Chemistry, University of Minnesota Duluth, Duluth, MN (4)
Graduate School, Chemistry, University of Minnesota Twin Cities, Minneapolis, MN
Graduate School, Pharmacology, University of Iowa, Iowa City, IA
Medical School, Medical College of Wisconsin, Green Bay, WI
Pharmacy School, University of Minnesota College of Pharmacy Duluth, Duluth, MN (7)
Pharmacy School, University of Minnesota College of Pharmacy Twin Cities, Minneapolis, MN (2)