<table>
<thead>
<tr>
<th>Year</th>
<th>BO</th>
<th>CO</th>
<th>GO</th>
<th>PO</th>
<th>OE</th>
<th>MP</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-08</td>
<td>33.91%</td>
<td>11.73%</td>
<td>12.18%</td>
<td>12.24%</td>
<td>4.27%</td>
<td>3.59%</td>
<td>21.90%</td>
</tr>
<tr>
<td>2008-09</td>
<td>30.42%</td>
<td>12.79%</td>
<td>12.91%</td>
<td>11.17%</td>
<td>4.71%</td>
<td>3.59%</td>
<td>24.41%</td>
</tr>
<tr>
<td>2009-10</td>
<td>25.22%</td>
<td>8.31%</td>
<td>9.71%</td>
<td>10.14%</td>
<td>6.05%</td>
<td>2.74%</td>
<td>41.05%</td>
</tr>
<tr>
<td>2010-11</td>
<td>29.34%</td>
<td>9.09%</td>
<td>12.39%</td>
<td>15.79%</td>
<td>4.94%</td>
<td>5.73%</td>
<td>22.72%</td>
</tr>
<tr>
<td>2011-12</td>
<td>32.75%</td>
<td>9.49%</td>
<td>9.32%</td>
<td>13.63%</td>
<td>5.88%</td>
<td>5.39%</td>
<td>23.54%</td>
</tr>
<tr>
<td>2012-13</td>
<td>32.36%</td>
<td>9.73%</td>
<td>11.28%</td>
<td>13.41%</td>
<td>6.75%</td>
<td>6.48%</td>
<td>19.98%</td>
</tr>
<tr>
<td>2013-14</td>
<td>28.48%</td>
<td>8.47%</td>
<td>9.93%</td>
<td>15.04%</td>
<td>5.08%</td>
<td>7.05%</td>
<td>25.94%</td>
</tr>
<tr>
<td>2014-15</td>
<td>25.25%</td>
<td>4.94%</td>
<td>18.56%</td>
<td>15.29%</td>
<td>5.34%</td>
<td>6.30%</td>
<td>21.03%</td>
</tr>
<tr>
<td>2015-16</td>
<td>21.23%</td>
<td>7.65%</td>
<td>23.30%</td>
<td>10.20%</td>
<td>6.57%</td>
<td>2.59%</td>
<td>28.47%</td>
</tr>
<tr>
<td>2016-17</td>
<td>30.44%</td>
<td>8.90%</td>
<td>8.58%</td>
<td>13.17%</td>
<td>10.47%</td>
<td>2.05%</td>
<td>26.39%</td>
</tr>
<tr>
<td>2017-18</td>
<td>31.90%</td>
<td>9.11%</td>
<td>9.50%</td>
<td>9.16%</td>
<td>8.04%</td>
<td>2.06%</td>
<td>30.22%</td>
</tr>
<tr>
<td>2018-19</td>
<td>33.39%</td>
<td>10.18%</td>
<td>8.04%</td>
<td>10.45%</td>
<td>8.52%</td>
<td>1.07%</td>
<td>28.35%</td>
</tr>
<tr>
<td>2019-20</td>
<td>32.89%</td>
<td>11.36%</td>
<td>8.49%</td>
<td>11.97%</td>
<td>7.83%</td>
<td>1.64%</td>
<td>25.83%</td>
</tr>
</tbody>
</table>
Graduate Data – Enrollments

% of Enrollments

Year:
- 2001-02
- 2002-03
- 2003-04
- 2004-05
- 2005-06
- 2006-07
- 2007-08
- 2008-09
- 2009-10
- 2010-11
- 2011-12
- 2012-13
- 2013-14
- 2014-15
- 2015-16
- 2016-17
- 2017-18
- 2018-19
- 2019-20

Categories:
- BO
- CO
- GO
- PO
- OE
- MP
- OTHER
Graduate Data – Masters Awarded

2018-19 Masters

2019-20 Masters
Graduate Data – PhDs Awarded
Graduate Data – Minorities

Percentage of Minorities

- Applications
- Offers
- Enrollments
- Residence

Graduate Data – Minorities

*all graduate students
Graduate Data – Minorities

*all graduate students
Graduate Data – Minorities

American Indian/Native Alaskan

*all graduate students
Graduate Data – Minorities

*all graduate students

Asian

Applications
Offers
Enrollments
In Residence

Linear (Applications)
Linear (Offers)
Linear (Enrollments)
Linear (In Residence)
Graduate Data – Minorities

*all graduate students

[Bar chart showing applications, offers, enrollments, and in residence for Black/African American students from 2012-2013 to 2019-2020.]
Graduate Data – Minorities

Native Hawaiian/Other Pacific Islander

*all graduate students
Graduate Data – Minorities

*all graduate students
Graduate Data – Foreign Nationals

*all graduate students
Graduate Data – Minorities

*all graduate students

Degrees Granted to Minorities

- M.S.
- PhD
Graduate Data – Foreign Nationals

Degrees Granted to Foreign Nationals

- M.S.
- PhD
Graduate Data – Masters Awarded

2018-19 Masters
- Men: [Diagram]
- Women: [Diagram]

2019-20 Masters
- Men: [Diagram]
- Women: [Diagram]
Graduate Data – PhDs Awarded

<table>
<thead>
<tr>
<th></th>
<th>2018-19 PhDs</th>
<th>2019-20 PhDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Men</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PhD to Postdoc to Faculty – Gender Data

Percentage of Women

- Tenure
- Tenure-track
- Non-Tenure track
- Temporary
- Postdocs
- PhD
PhD to Postdoc to Faculty – Gender Data
PhD to Postdoc to Faculty – Gender Data

*raw numbers, not adjusted for inconsistent response rate
PhD to Postdoc to Faculty – Gender Data

Percentage of Women Faculty

- Marine BIO - Female
- Marine CHEM-Female
- Marine GEO-Female
- Phys. O-Female
- Oc. Eng.-Female
- Marine Aff./Pol.-Female
- Other Oc. Sci* - Female

Yearly data from 2007-08 to 2019-20 is shown in the graph.
Survey of Earned Doctorates – Gender Data

Geosciences, atmospheric sciences, and ocean sciences – PhDs earned by women

Survey of Earned Doctorates – Gender Data

*2018
Survey of Earned Doctorates – Race Data

Ocean and marine sciences

- Hispanic or Latino
- American Indian or Alaska Native
- Asian
- Black or African American
- White
- More than one race
- Other race or race not reported

Marine biology and biological oceanography

- Hispanic or Latino
- American Indian or Alaska Native
- Asian
- Black or African American
- White
- More than one race
- Other race or race not reported

*2018
Survey of Earned Doctorates – Intersectionality

*cannot compare with OSER data
Survey of Earned Doctorates – Intersectionality

*cannot compare with OSER data
AGI – Women in Geoscience

U.S. Geoscience Enrollment by Percent Female, 1975-2016

U.S. Geoscience Degrees Awarded by Percent Female, 1985-2016
Figure 1. Relative decline of female geoscientists in the United States with increasing academic rank between 1996 and 2015 (data from the American Geosciences Institute; Wilson, 2016, and Holmes et al., 2008).

*AGI, Geoscience Currents, No. 119, www.americangeosciences.org/workforce
Conclusions / Thoughts

• General upward trend of Women in Ocean Sciences (and geosciences)
• Still gaps between PhDs and Faculty
  • Retention issues?
  • Is there loss? Or “catch up?”
Questions?