Three Decades of Data Collection on Graduate Education in the Ocean Sciences: A Meta-Analysis on Findings, Insights and Questions

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University of Washington, Seattle WA

DRAFT for OSER
Do not redistribute
Applications

<table>
<thead>
<tr>
<th>year</th>
<th>BO</th>
<th>GO</th>
<th>PO</th>
<th>CO</th>
<th>New + Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1988</td>
<td>39%</td>
<td>30%</td>
<td>20%</td>
<td>11%</td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>40.0%</td>
<td>15.9%</td>
<td>19.0%</td>
<td>11.3%</td>
<td>13.8%</td>
</tr>
<tr>
<td>1998</td>
<td>46.2%</td>
<td>11.1%</td>
<td>16.5%</td>
<td>10.3%</td>
<td>15.8%</td>
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<tr>
<td>2003</td>
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<td>10.7%</td>
<td>14.3%</td>
<td>9.8%</td>
<td>28.0%</td>
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<tr>
<td>2007</td>
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<td>12.2%</td>
<td>12.3%</td>
<td>11.8%</td>
<td>27.2%</td>
</tr>
<tr>
<td>2010</td>
<td>24.4%</td>
<td>9.4%</td>
<td>9.8%</td>
<td>8.1%</td>
<td>48.3%</td>
</tr>
</tbody>
</table>
In round numbers, per year, since 2000:

• 2300 applications
• 800 offers
• 500 enrollments
• 450 graduate degrees (170 PhD)
Diversity
Graduates
Data from NSF (2004)

Suzanne O’Connell and Mary Anne Holmes, Women of the Academy and the Sea, *Oceanography* Vol.18, No.1, Mar. 2005
MS Employment

- For-profit
- Non-profit
- State or local Agency
- Federal Agency
- UARC or Priv Inst
- 4 yr College/univ
- Foreign left US
- Same or another university
What are your questions?
I’ve Considered Leaving the Geosciences

49% female

36% male

M.A. Holmes, Patullo Conference, 2010
Why Would You Leave?

Male Responses

- Uncertain job market: 8
- Wrong subdiscipline: 2
- Problems with graduate advisor: 1
- Difficult classes: 2

Female Responses

- Uncertain job market: 3
- Wrong subdiscipline: 2
- Problems with graduate advisor: 6
- Family issues: 7

M.A. Holmes, Patullo Conference, 2010