FACULTY SENATE Update

November 13, 2015
Nina J. Solenski, M.D.
Associate Professor Neurology
Chair Faculty Senate
### UVA TOTAL FY 2015:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHHS</td>
<td>124,954,443 Mil</td>
</tr>
<tr>
<td>DOD</td>
<td>17,606,954</td>
</tr>
<tr>
<td>DE</td>
<td>10,116,030</td>
</tr>
<tr>
<td>DOE</td>
<td>7,457,907</td>
</tr>
<tr>
<td>NASA</td>
<td>2,612,860</td>
</tr>
<tr>
<td>NSF</td>
<td>24,757,751</td>
</tr>
<tr>
<td>OTHER FED</td>
<td>11,751,667</td>
</tr>
<tr>
<td>FDNS</td>
<td>33,962,280</td>
</tr>
<tr>
<td>INDUSTRY</td>
<td>33,054,755</td>
</tr>
<tr>
<td>OTHER COLL.</td>
<td>26,480,685</td>
</tr>
<tr>
<td>STATE/LOCAL</td>
<td>18,265,824</td>
</tr>
</tbody>
</table>

**Total:** $311,021,155

*NIH Facilities & Administrative costs = 56%*
Many Are Called – Few Are Chosen

• National Institute of Aging
  – 16% percentile; pay line 8

• National Cancer Institute
  – 14%; pay line of 9

• National Institute of Neurological Disorders & Stroke
  – 19%; pay line of 14

2014 – Source Albert Einstein College of Medicine
FULL TIME FACULTY FOCUS

RESEARCH VS TEACHING

60 hrs

Source: Faculty Senate Survey 2012
## Summer Research Work

### Summer vs. Fall Time Allocation

<table>
<thead>
<tr>
<th></th>
<th>Fall 2011</th>
<th>Summer 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching</td>
<td>48.2%</td>
<td>16.3%</td>
</tr>
<tr>
<td>Research</td>
<td>34.1%</td>
<td>62.2%</td>
</tr>
<tr>
<td>Clinical/Serv.</td>
<td>8.0%</td>
<td>6.3%</td>
</tr>
<tr>
<td>Administrat.</td>
<td>8.6%</td>
<td>11.6%</td>
</tr>
<tr>
<td>Consulting</td>
<td>1.1%</td>
<td>3.6%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Source: Faculty Senate Survey 2012
UVA Women Faculty in Research

• School of Engineering and Applied Sciences
  – 24 faculty (16% of all Science Technology Engineering Math faculty)
  – 4 Under-represented Minority faculty

• The College STEM Departments
  – 66 faculty (22% of all STEM faculty)
  – 17 Under-represented Minority faculty

Courtesy: CHARGE Kelly Feltault, PhD
The Day in the Life of a Researcher

Hugo Gernsback
TV Glasses 1963

Kimberly Kelly, Ph.D.
Associate Professor, BME
Grant Writing Takes Time

- 6 a.m. coffee!
- 8 teach
- 9 office hours
- 10 meet with postdoc
- 11 work on grant proposal
- 12 faculty meeting
- 1 evaluate new Mass Spec
- 2 journal club
- 3:30 Seminar
- 6 pick up kids
- 9 work on grant/prep for class
- ? bedtime

- Outline
- Review the literature
- Write
- Generate figures
- Write
- Ask colleagues for feedback
- Rewrite
- Investigate new equipment
- Finalize budget
- Submit

3 months to complete
Overall time commitment ~150-200 hours
Increasing Regulatory/Administrative Tasks

National Science Board 2014 concluded:

“principal investigators of federally sponsored research projects spend, on average 42% of their time on associated administrative tasks.”
Publication

• 90% submission peer review rejected
• Only 14% accepted work is “negative results”
• Competition to “perform”, P&T pressures

Economic Oct 2013

• Cost of publication*
  – 5K revenue
  – 3.5K – 4K cost

Nature March 2013*
Grant Reviewer Perspective

• “Environment” – Can they do what they say they can do? Equipment/infrastructure -space

“Institutional Commitment” – are there unique features? Study population, physical resources or collaborative opportunities?
EX: UVA Keck Center for Cellular Imaging or sharing a confocal microscope with 3 other investigators?

• “Innovation” – shift the current paradigm? Is it novel while minimizing the risk of failing;