EXAMPLES OF THE ECONOMIC IMPACT OF UVA RESEARCHERS

**JAMES LANDERS**
Commonwealth Professor, Chemistry
- $4.6 million in research awards FY10-17
- 24 jobs created in lab
- 21 patents issued
- $15,000 in licensing revenue
- 15 consulting engagements
- 3 startup companies created: MicroLab Diagnostics, TeGrex Technologies, MicroGEM PLC
- 39 jobs created by spinoff companies
- $25 million in startup capital raised

**DON HUNT**
University Professor of Chemistry and Pathology
- $11 million in research awards FY10-17
- 16 jobs created in lab
- 42 patents issued
- $7.4 million in licensing revenue
- 9 consulting engagements
- 3 startup companies created: MDS Proteomics, PhosImmune, and Argonex (formerly Receptor Labs, co-founded with Vic Englehard)
- 56 jobs created by spinoff companies
- $5+ million in startup capital raised

**BEN CALHOUN**
Professor, Electrical and Computer Engineering
- $8 million in research awards FY10-17
- 22 jobs created in lab
- 10 patents issued
- $155,000 in licensing revenue
- 1 startup company created: PsiKick, Inc.
- 30 jobs created by spinoff company
- $24 million in startup capital raised

**JEFF CRANDALL**
Nancy and Neal Wade Professor of Engineering and Applied Science
- $4.3 million in research awards FY10-17
- 6 jobs created in lab
- 2 consulting engagements
- 2 startup companies created: ITHealth, Inc., Blue Ridge Biosciences
- 7 jobs created by spinoff company
- $3 million in startup capital raised

**ROBERT PIANTA**
Nancy and Neal Wade Professor of Engineering and Applied Science
- $26.9 million in research awards FY10-17
- 55 jobs created in lab
- 52 consulting engagements
- 1 startup company created: Biomechanics Consulting and Research LLC
- 12 jobs created by spinoff company
- $10 million in startup capital raised

**KAREN MCGLATHERY**
Professor, Environmental Science and Director, Virginia Coast Reserve Long-Term Ecological Research Program
- $8.9 million in research awards FY10-17
- 40 jobs created in lab

**WLADEK MINOR**
Professor, Molecular Physiology and Biological Physics
- $18.4 million in research awards FY10-17
- 22 jobs created in lab
- $383,000 in licensing revenue
- 2 consulting engagements
- 1 startup company created: HLK Research, Inc.
- 115 jobs created by spinoff company
- $5.2 million in startup capital raised

**JEFF CRANDALL and RICHARD KENT**
Combining the economic impact of these researchers...

**COMBINED IMPACT OF THESE RESEARCHERS**

<table>
<thead>
<tr>
<th>External Grant Awards FY10-17</th>
<th>$109,722,808</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate number of jobs in labs each year supported by research</td>
<td>245</td>
</tr>
<tr>
<td>This does not include UVA funded research, e.g., SIF, Pan-University Institutes, etc.</td>
<td></td>
</tr>
<tr>
<td>Number of patents issued</td>
<td>162</td>
</tr>
<tr>
<td>Licensing revenue from intellectual property (IP) based on faculty research</td>
<td>$11,628,061</td>
</tr>
<tr>
<td>Number of companies supported through faculty consulting</td>
<td>113</td>
</tr>
<tr>
<td>Number of spinoff companies formed using faculty IP</td>
<td>12</td>
</tr>
<tr>
<td>Number of jobs created by spinoff companies</td>
<td>274</td>
</tr>
<tr>
<td>Startup capital raised</td>
<td>$77,800,000</td>
</tr>
<tr>
<td>Total number of jobs supported by faculty research and startup companies</td>
<td>519</td>
</tr>
</tbody>
</table>

**COMBINED IMPACT OF THESE RESEARCHERS**

- $109.7 million in research awards FY10-17
- 245 jobs created in lab
- 162 patents issued
- $11.6 million in licensing revenue
- 113 consulting engagements
- 12 startup companies formed using faculty IP
- 274 jobs created by spinoff companies
- $77.8 million in startup capital raised

**KIMBERLY KELLY**
Associate Professor, Biomedical Engineering
- $4.3 million in research awards FY10-17
- 6 jobs created in lab
- 2 consulting engagements
- 2 startup companies created: ITHealth, Inc., Blue Ridge Biosciences
- 7 jobs created by spinoff company
- $3 million in startup capital raised

**KIMBERLY KELLY**
Professor, Environmental Science and Director, Virginia Coast Reserve Long-Term Ecological Research Program
- $8.9 million in research awards FY10-17
- 40 jobs created in lab

**BORIS KOVATCHEV**
Professor, Psychiatry and Director of Center for Diabetes Technology
- $27.7 million in research awards FY10-17
- 52 jobs created in lab
- 85 patents issued
- $3.7 million in licensing revenue
- 20 consulting engagements
- 1 startup company created: TypeZero Technologies, Inc.
- 15 jobs created by spinoff company
- $5.6 million in startup capital raised

**COMBINED IMPACT OF THESE RESEARCHERS**

- $109.7 million in research awards FY10-17
- 245 jobs created in lab
- 162 patents issued
- $11.6 million in licensing revenue
- 113 consulting engagements
- 12 startup companies formed using faculty IP
- 274 jobs created by spinoff companies
- $77.8 million in startup capital raised

**COMBINED IMPACT OF THESE RESEARCHERS**

- $109.7 million in research awards FY10-17
- 245 jobs created in lab
- 162 patents issued
- $11.6 million in licensing revenue
- 113 consulting engagements
- 12 startup companies formed using faculty IP
- 274 jobs created by spinoff companies
- $77.8 million in startup capital raised