CICS Science Meeting 2017

Fernando Miralles-Wilhelm
Cooperative Institute for Climate and Satellites
November 6, 2017
About CICS

• Formed in 2009, through a consortium of over 20 partner institutions.

• Principal locations in MD (STAR, NCEP) and NC (NCEI).

• Administered by NESDIS/STAR’s Cooperative Research Program.

• Administered by ESSIC here at UMD.

• Reviewed in 2012, renewed in 2014 (through 2019).
UMD Award Activity (2005-2015)
# UM Sponsored Research and Outreach Activity, FY 2015:
Projects Administered & not Administered by ORA

Data below summarize external support received for research, training, service and fellowships.

<table>
<thead>
<tr>
<th>UM College</th>
<th>Projects Administered by ORA</th>
<th>Other UM Sponsored Research &amp; Outreach Activity</th>
<th>Total Amount Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. James Clark School of Engineering</td>
<td>$109,387,985</td>
<td>$13,730,411</td>
<td>$123,118,396</td>
</tr>
<tr>
<td>College of Agriculture &amp; Natural Resources</td>
<td>$39,577,100</td>
<td>$15,279,398</td>
<td>$54,856,498</td>
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<tr>
<td>College of Arts &amp; Humanities</td>
<td>$18,206,357</td>
<td>$378,812</td>
<td>$18,585,169</td>
</tr>
<tr>
<td>College of Behavioral &amp; Social Sciences</td>
<td>$61,165,120</td>
<td>$3,063,422</td>
<td>$64,228,551</td>
</tr>
<tr>
<td>College of Computer, Math &amp; Natural Sciences</td>
<td>$182,724,493</td>
<td>$3,889,412</td>
<td>$186,613,905</td>
</tr>
<tr>
<td>College of Education</td>
<td>$8,480,092</td>
<td>$0</td>
<td>$8,480,092</td>
</tr>
<tr>
<td>College of Information Studies</td>
<td>$5,993,263</td>
<td>$375,569</td>
<td>$6,368,832</td>
</tr>
<tr>
<td>Other Units **</td>
<td>$37,624,715</td>
<td>$13,459,731</td>
<td>$51,084,446</td>
</tr>
<tr>
<td>Philip Merrill College of Journalism</td>
<td>$268,802</td>
<td>$60,000</td>
<td>$328,802</td>
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<tr>
<td>Robert H. Smith School of Business</td>
<td>$2,099,533</td>
<td>$3,806,505</td>
<td>$5,906,038</td>
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<tr>
<td>School of Architecture</td>
<td>$4,166,039</td>
<td>$2,463,388</td>
<td>$6,629,427</td>
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<tr>
<td>School of Public Health</td>
<td>$18,724,799</td>
<td>$261,913</td>
<td>$18,986,712</td>
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<tr>
<td>School of Public Policy</td>
<td>$2,702,624</td>
<td>$2,495,266</td>
<td>$5,197,890</td>
</tr>
<tr>
<td><strong>TOTAL AWARDED FOR ALL SPONSORED PROJECTS</strong></td>
<td><strong>$491,120,929</strong></td>
<td><strong>$59,263,827</strong></td>
<td><strong>$550,384,756</strong></td>
</tr>
</tbody>
</table>
Within CMNS (2017)

Total CMNS awards over the past 12 months are approx. $202M
FY17 Funding profile

- MG-NASA, 7,878,833, 22%
- CICS-Consort, 7,253,782, 20%
- Other, 3,288,198, 9%
- NASA-other, 3,079,565, 9%
- NOA-other, 687,222, 2%
- NSF, 1,086,505, 3%
- Other, 3,288,198, 9%

CICS Consortium funds: NC State ($6M), CUNY, UMBC, Oregon State, South Dakota, UAH, UNCA and GMU
ESSIC Research Faculty (153) by work location

- Goddard SFC, 52
- M-Square, 38
- NCWCP, 32
- Silver Spring, 17
- Other, 10
- NOAA-M-Square, 2
- Campus, 2

Total: 153
CICS-funded* Research Faculty (89) by NOAA division

*Includes AOSC, Astro and Geog
Moving forward

• Close working relationship with NOAA, scientifically and strategically.

• Diversified organizationally, disciplinarily and geographically, accommodating to NOAA needs.

• This is an important program for the university!

• Recompetition schedule (2018-2019).