Office of the VPR

Update

and

Q & A

February 8, 2013
Today

• Organization and scope of the VPR office.

• 17 steps we are taking to reduce regulatory & administrative burden, and enhance research at our Health Science Center.

• Questions and suggestions
National Academies of Sciences
“Federal-Grant Administration Burden Survey”.

• Overall research-related administrative burden at 42% time commitment.

• Top 5 Burdens (health institutions):
  – 1. IRB protocols and training
  – 2. IACUC protocols and training
  – 3. Training personnel
  – 4. Grant report and submissions
  – 5. IRB/IACUC compliance issues

“In response to the health presidents’ repeated requests to find ways to decrease ‘regulatory burden’ of health research compliance processes, I am working on a virtual center in this area”.

Patti Hurn, UT System
<table>
<thead>
<tr>
<th>Past year</th>
<th>IACUC</th>
<th>IRB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of new protocols</td>
<td>92</td>
<td>332</td>
</tr>
<tr>
<td>Currently active protocols</td>
<td>505</td>
<td>1231</td>
</tr>
<tr>
<td>Items submitted for review</td>
<td>1002</td>
<td>4391</td>
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Note: Items submitted include new protocols, amendments, and progress reports. Combined workload = approximately 25 submissions per day

- More human protocols and items for review than animal protocols
- The regulatory complexity is much greater for IRB than for IACUC
Steps being taken to reduce regulatory burden

1. Reducing protocol approval times: IACUC

![Bar chart showing reduction in days for DMR and FCR reviews from 2010 to 2012.]
Steps being taken to reduce regulatory burden

2. Reducing protocol approval times: IRB

CTSA Institutions (n = 48)

Calendar Days

- Review to Approval
- Submit to Review

Critical to top 1/3
Steps being taken to reduce regulatory burden

3. Simplifying and automating the review process

- A new, user-friendly form has been created by a subcommittee of the IACUC.

- Developing a computer-based IACUC application to facilitate the review process; will be beta-tested by faculty.

- Updates to the IRB forms and development of an on-line application will follow.
We are developing and will soon implement an outreach program where regulatory staff make “house calls” with individual investigators or small groups to educate and assist with submissions.
Steps being taken to reduce regulatory burden

5. Streamlining the IACUC application process

- Routine aspects of research (e.g., implanting a sub-Q pump) pre-approved by IACUC can be cited by investigators in their protocols to avoid needless repetition.
LAR: Constraints & Challenges

- Eight geographically separate animal housing locations! (recently added STRF)
- Subsidization from institution to LAR has not increased
- Decreased income due to decline in extramural funding.
- Costs to run LAR have been increasing (inflation)
### 6. Stabilizing LAR per diem rates

#### Projected Increase in Per Diem Rates

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</thead>
<tbody>
<tr>
<td>Mice (std)</td>
<td>0.53</td>
<td>0.55</td>
<td>0.58</td>
<td>0.61</td>
<td>0.65</td>
<td>0.70</td>
<td>0.74</td>
<td>0.80</td>
<td>0.85</td>
<td>0.91</td>
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<tr>
<td></td>
<td>4%</td>
<td>5%</td>
<td>5%</td>
<td>7%</td>
<td>8%</td>
<td>6%</td>
<td>8%</td>
<td>6%</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>Rats (std)</td>
<td>1.27</td>
<td>1.31</td>
<td>1.38</td>
<td>1.45</td>
<td>1.55</td>
<td>1.66</td>
<td>1.77</td>
<td>1.90</td>
<td>2.03</td>
<td>2.17</td>
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<tr>
<td></td>
<td>3%</td>
<td>5%</td>
<td>5%</td>
<td>7%</td>
<td>7%</td>
<td>7%</td>
<td>7%</td>
<td>7%</td>
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</tr>
<tr>
<td>Mole Rat</td>
<td>1.44</td>
<td>1.44</td>
<td>2.32</td>
<td>2.39</td>
<td>2.56</td>
<td>2.74</td>
<td>2.93</td>
<td>3.13</td>
<td>3.35</td>
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<tr>
<td></td>
<td>0%</td>
<td>61%</td>
<td>3%</td>
<td>7%</td>
<td>7%</td>
<td>7%</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Monkey</td>
<td>4.00</td>
<td>4.67</td>
<td>4.91</td>
<td>5.16</td>
<td>5.52</td>
<td>5.91</td>
<td>6.32</td>
<td>12.44</td>
<td>13.31</td>
<td>14.24</td>
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<tr>
<td></td>
<td>17%</td>
<td>5%</td>
<td>5%</td>
<td>12%</td>
<td>7%</td>
<td>7%</td>
<td>9%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dog</td>
<td>14.98</td>
<td>15.73</td>
<td>16.52</td>
<td>16.52</td>
<td>17.68</td>
<td>18.91</td>
<td>20.24</td>
<td>21.65</td>
<td>23.17</td>
<td></td>
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<tr>
<td></td>
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<td>5%</td>
<td>5%</td>
<td>0%</td>
<td>7%</td>
<td>7%</td>
<td>7%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pig (up to 250 lbs)</td>
<td>11.73</td>
<td>12.32</td>
<td>12.94</td>
<td>13.59</td>
<td>14.54</td>
<td>15.56</td>
<td>16.65</td>
<td>23.99</td>
<td>25.67</td>
<td>27.47</td>
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<tr>
<td></td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>7%</td>
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</table>

The plan was to increase rates about 7% per year. *We imposed a moratorium on per diem (at FY2012 rates).*

And to wean LAR off of any subsidies from the institution. *LAR is still receiving the same subsidy.*
Steps being taken to enhance research productivity

7. Faculty will strategically drive the research cores

University Core Research Facilities Committee (UCRF)

- Karen Block
- Yong-Hee Chun
- Patricia Dahia
- Lily Dong
- Paul Fitzpatrick
- Randy Glickman
- Stephen Harris
- Peter Hornsby
- Ellen Kraig
- Donna Lehman
- Janna Lesser
- Bettie Sue Masters
- Mark Shapiro
- Mike Wilson

- The core directors will also begin meeting as a committee.

- One new core proposal has been submitted, two more may be coming.
Steps being taken to enhance research productivity

8. Improving clinical trial participation
Steps being taken to reduce administrative burden

9. Simplifying Conflict of Interest reporting
Steps being taken to reduce administrative burden

10. Develop a web app for Research Core scheduling and billing
Steps being taken to increase extramural funding
## Steps being taken to increase extramural funding

## Funding comparison with our sister HSCs

### All NIH Awards (without contracts, without ARRA)

<table>
<thead>
<tr>
<th>Institution</th>
<th>FFY 08</th>
<th>FFY 09</th>
<th>FFY 10</th>
<th>FFY 11</th>
<th>FFY 12</th>
<th>% change five years</th>
<th>% change one year</th>
</tr>
</thead>
<tbody>
<tr>
<td>UT Southwestern</td>
<td>157,052,816</td>
<td>165,868,814</td>
<td>171,503,321</td>
<td>170,947,506</td>
<td>165,165,048</td>
<td>5%</td>
<td>-3%</td>
</tr>
<tr>
<td>UT MD Anderson</td>
<td>151,085,284</td>
<td>148,453,612</td>
<td>165,830,210</td>
<td>152,299,097</td>
<td>149,426,731</td>
<td>-1%</td>
<td>-2%</td>
</tr>
<tr>
<td>UT Houston</td>
<td>91,853,659</td>
<td>89,103,981</td>
<td>93,210,882</td>
<td>72,894,262</td>
<td>78,980,645</td>
<td>-14%</td>
<td>8%</td>
</tr>
<tr>
<td>UT Galveston</td>
<td>99,210,902</td>
<td>103,228,480</td>
<td>86,993,811</td>
<td>74,782,195</td>
<td>79,856,495</td>
<td>-20%</td>
<td>7%</td>
</tr>
<tr>
<td>UT HSC San Antonio</td>
<td>90,978,546</td>
<td>85,494,033</td>
<td>82,101,105</td>
<td>77,162,013</td>
<td>69,267,157</td>
<td>-24%</td>
<td>-10%</td>
</tr>
</tbody>
</table>
Steps being taken to increase extramural funding

11. Investment in Human Capital

**Primary Objective:** Develop programs and tools that will improve our research portfolio and enhance the likelihood of funding for current investigators. “One grant at a time, one investigator a time....”
Investment in Human Capital: one grant at a time.

GrantSeekers 2.0

Started on July 27, 2012
14 faculty have presented
17 total sessions

2 Assistant Professors/Research
5 Assistant Professors
1 Associate Professor
6 Professors
Investment in Human Capital: *one investigator at a time*

Research Enhancement Program
(under development)

Key Features
- Investigator/group-initiated
- Funding based on external peer-review of program/research
- Leverage the use of new, state-of-the-art technologies
Steps being taken to enhance the research environment

12. Share-a-Student Program.
Undergrad internships throughout UTHSCSA will start in the Fall semester.

13. Organized Research Unit (ORU) Reviews
- Finalized the number of ORUs to be reviewed, 13.
- Working to simplify the online questionnaire for yearly reviews by populating some of the fields related to the budget.

14. Coordinating single submission grants throughout HSC

15. Office of Postdoctoral Affairs (OPA)
- Weekly electronic announcements for postdocs
- OPA website
- Grantsmanship workshop
  and more.......
Steps being taken to enhance the research environment

16. IIMS/CTSA

Overview of CTSA grant and timeline
- Funded May 2008 through April 2013
- Total funds $30.7M (including supplements)
- Renewal submission – January 2013

Collaborating Partner Organizations
- Regional Academic Health Center*
- Children’s Hospital of San Antonio*
- San Antonio Metropolitan Health District
- San Antonio Military Health System
- South Texas Veterans Health Care System*
- Texas Biomedical Research Institute
- University Health System*
- Other University of Texas Schools
  - UT Brownsville
  - UT Pan American
  - UT San Antonio
  - UT Austin College of Pharmacy
  - UT School of Public Health
    SA Regional Campus

*Leveraging of funds for Clinical Research Units
Steps being taken to enhance the research environment

16. IIMS/CTSA

Translational Research Programs – Overview

Education & Career Development
- Translational Science PhD
  - 4 UT components
- MSCI, TS Certificate, TL1-TST
- KL2

Resources and Services
- Regulatory science
  - IRB / IACUC harmonization
- Biomedical informatics
- Biostatistics

Technology Resources
- Drug Discovery (UTHSCSA & UTSA)
- Research Imaging Institute
- Genomics / epigenomics
- Primate Center (SNPRC) at TBRI

Clinical Service Core
- 7 CRUs from San Antonio to South Texas Border Region

Project Awards
- Translational technology awards
  - 80 projects @ $10K
- Pilot project awards
  - 62 projects @ $50K
- Leveraged partnerships
- Downstream grant awards

Community Engagement
- Practice-Based Research Networks
  - Primary care (2)
  - Mental health (2)
  - Oral health

Steps being taken to enhance the research environment
Steps being taken to enhance research environment

17. Communication

Michelle Mendoza