

A Path Forward for Research and Engagement Supporting Top 25

WORKING DRAFT

Research Council
November 13, 2013

Dr. Taylor Eighmy

1

Agenda

- Update
- Current version (see handout)
- Looking ahead

2

Top 25 Research & Engagement Advisory Council (REAC) Members

- Susan Ballentine (ORE)
- Chris Boake (ADR CAS)
- Alexandra Brewer (GSS/GSA)
- Bill Brown (UTIA)
- Chris Cimino (VCFA)
- George Dodds (COA)
- Bill Dunne (ADR COE)
- Nicole Fazio-Veigel (ONSF)
- Marc Gibson (UT Development)
- Lee Han (Past RC Chair)
- Carolyn Hodges (Grad School)
- Dave Irvine (AVRFA)
- Tom King (CURENT/ORNL)
- Tony Mezzacappa (JICS)
- Paul Montgomery (ORE)
- Sally Morris (UT Development)
- Margie Nichols (VRCM)
- Stacey Patterson (UTS AVPR)
- Rebecca Prosser (Psychology)
- Greg Reed (ORE)
- Joel Reeves (AVCR IT)
- Sahba Seddighi (USRA)
- Charlie Senn (ORE)
- Tina Shepardson (RC Chair)
- Melissa Shivers (Chancellor's Office)
- Carol Tenopir (CMC)
- Dave Washburn (UTRF)
- John Zomchick (Provost's Office)

3

Developing Consensus --- Work in Progress---

- Feedback from AVP Melissa Shivers (1/11/13)
- Feedback from Chancellor Cheek (1/18/13,2/1/13)
- Feedback from Cabinet retreat (1/31/13)
- Feedback from Top 25 ITL (2/15/13)
- Initial feedback from the new Top 25 RAC(2/20/13)
- Feedback from ORE SMT (2/20/13)
- Input from ORE Staff (3/13/13)
- Feedback from Cabinet (3/18/13)
- Working session with Top 25 REAC (4/3/13)
- Working session with the Research Council (4/10/13)
- Working session with Top 25 REAC (5/28/13)
- Working session with the Top 25 ITL (5/30/13)
- Working session with Carnegie Community Engagement Team Leaders (6/19/13)
- Working session with Top 25 REAC (7/3/13)
- Working session with Top 25 REAC (8/2/13)
- Working session with the ORE SMT (9/18/13)
- Working session with the ORE SMT (11/6/13)
- Working session with Top 25 REAC (11/6/13)
- Working session with the Research Council (11/13/13)
- Planned sessions still needed with:
 - Top 25 ITL
 - University System Relations Committee of the Faculty Senate
 - Associate Deans for Research
 - Deans/Colleges
- Will seek feedback from others, as appropriate

4

Current Top 25 Research-Related Metrics and Goals:

Existing Area Of Focus	Existing Primary Metric	Original Goal 2010	Expected 2013	Original Goal 2015	Original Goal 2020	Possible New Goal for >2020
Research	Federal Research Expenditures, \$M	70	117	105	182	250
Research	Total Research Expenditures, \$M	165	208	247	427	450

For Top 25 reporting purposes, these data include UTK and UTIA expenditures.

5

Snapshot, All UTK Sponsored Activity, FY12 and FY13:

Parameter	FY12	FY13
Total number of all proposals submitted	1,550	1,532
Total value of all proposals submitted	\$459M	\$508M
Total number of all awards received	1,349	1,259
Total value of all awards received	\$167M	\$162M

For analysis purposes, only UTK data are reported. For Top 25 purposes, UTK and UTIA data are typically combined.

6

Total Research Expenditures:

Institution	FY12 TRE as Reported in 2013 NSFHERD, \$M	National Rank Among USNWR Publics
TAMU	705.7	14
Purdue U. WL	578.2	18
Rutgers U. NB	432.3	26
U. Georgia	245.1	45
Stony Brook U.	211.3	53
Indiana U. Bloomington	184.0	58
UT, Knoxville	167.4	61
Clemson U.	166.3	62

For analysis purposes, only UTK data are reported. For Top 25 purposes, UTK and UTIA data are typically combined.

7

Snapshot, Federal Sponsored Activity, Direct Awards to UTK, FY12 and FY13:

Parameter	FY12	FY13
Total number of federal proposals submitted	994	935
Total value of federal proposals submitted	\$435M	\$401M
Total number of federal awards received	896	880
Total value of federal awards received	\$109M	\$106M

For analysis purposes, only UTK data are reported. For Top 25 purposes, UTK and UTIA data are typically combined.

8

Federal Research Expenditures:

Institution	FY12 FRE as Reported in 2013 NSFHERD, \$M	National Rank Among USNWR Publics
TAMU	291.8	21
Purdue U. WL	259.9	25
Rutgers U. NB	239.9	29
U. Georgia	137.3	45
Stony Brook U.	125.1	49
UT, Knoxville	111.9	54
Indiana U. Bloomington	74.1	65
Clemson U.	52.9	71

For analysis purposes, only UTK data are reported. For Top 25 purposes, UTK and UTIA data are typically combined.

9

Update

- Original 2010 version had 12 thematic categories, 45 total tasks
- This version presently has six thematic categories, 54 total tasks
- Current version maps well to 2010 version, either because they were embodied or were completed already

10

Current Version

- See Excel table handout
- Addendum items are good brainstorming ideas that will go into the ORE Strategic Action Plan (not the TOP 25 Plan)

11

Looking Ahead

- Additional input needed from Top 25 ILT, Associate Deans for Research, Deans/Colleges, others as necessary
- Organic process, evaluated annually with REAC

12

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative (Lead)	R2 Specific Action Plan Steps
R2	Communications (G. Reed, M. Nichols)	<ul style="list-style-type: none"> (a) Identify key external audiences and target messages (b) Advertise in targeted publications (c) Increase support for professional design and content creation for research web sites (d) Enhance UTK's image at high profile conferences through branding (e) Build on the power of social media and continue relationships with traditional media (f) Implement a "research success awareness" campaign

13

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative (Lead)	R3 Specific Action Plan Steps
R3	Government Relations (W. Hines, P. Montgomery)	<ul style="list-style-type: none"> (a) Develop policy to connect researchers with UTK's GR firm (b) Arrange visits in DC for discussions with agency program officers (c) Assist with appointments to agency advisory boards

14

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative (Lead)	R4 Specific Action Plan Steps
R4	IP and Innovation (D. Washburn and A. Miller)	<ul style="list-style-type: none"> (a) Form a task force of the UT System, UTRF and the campus to evaluate alternatives and adopt a model for T2 (b) Build close ties among OR, UTRF, the Anderson Center, and other entities (c) Identify and adopt best practices for patent application and business incubation (d) Identify practices to track and report related data through the STAR metrics program

15

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative (Lead)	R5 Specific Action Plan Steps
R5	Partnerships (W. Hines, P. Montgomery, S. Ballentine)	<ul style="list-style-type: none"> (a) Identify potential partnerships with local companies and federal agencies (b) Identify potential strategic partners and recruit them to Cherokee Farm (c) Develop basic ordering agreements and joint appointment agreements with new partners

16

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative	R6 Specific Action Plan Steps
R6	Multi-disciplinary Research (B. Dunne, Top 25 Team)	<ul style="list-style-type: none"> (a) Revise UTK distribution of institutional resources (e.g., ORU) (b) Institute faculty hiring practices where appropriate (c) Revise faculty performance and promotion review (d) Revise academic program review criteria and metrics (e) Institute a Chancellor's Award for Research

17

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative	R7 Specific Action Plan Steps
R7	F&A Distribution (W. Hines, C. Cimino)	<ul style="list-style-type: none"> (a) Developing F&A policies for University-level centers and institutes (b) Remove the three-year rolling average for RIF (F&A) return (c) Disburse F&A quarterly for high growth cases (d) Revise RIF (F&A) carry over policy to increase flexibility (e) Implement a plan to increase Office of Research distribution as F&A grows

18

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative	R8 Specific Action Plan Steps
R8	Administrative Efficiency (C. Tenopir, C. Cimino)	(a) Task force to review procedures and recommend changes (b) Staff members assigned responsibility to streamline research procedures with legal constraints (c) Initiate streamlined procedures

19

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative	R9 Specific Action Plan Steps
R9	Research Incentives (W. Hines, B. Dunne)	(a) Implement research incentive plan (b) Institute a Chancellor's Award for Multidisciplinary Research (c) Coordinate with Communications Team to highlight faculty research success stories

20

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative	R10 Specific Action Plan Steps
R10	Infrastructure - Core Facilities (C. Boake, Core facilities Committee)	<ul style="list-style-type: none"> (a) Establish a standing core facilities committee, including a responsible chair (b) Conduct an inventory of current core facilities and other expensive multi-user equipment (c) Work to evaluate business models for core facilities at peer institutions (d) Develop business models that include organizational and funding considerations (coordinate between VCR and VCFA) (e) Develop written procedures for creating, funding, and closing core facilities

21

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative	R11 Specific Action Plan Steps
R11	Infrastructure-Space (W. Hines, C. Cimino)	<ul style="list-style-type: none"> (a) UTK Space Committee includes research leadership (b) Plan for research space on Cherokee Farm Campus for collaboration with private and government entities

22

2010 UTK Action Items for Research Within the Plan

Action Item	Initiative	R12 Specific Action Plan Steps
R12	Research Information Technologies (W. Hines, Top 25 Infrastructure Team)	(a) Coordinate with Faculty Implementation Team on metrics and data gathering needs related to research productivity (see Faculty Plan) (b) Engage OIT in a review of current state of research enterprise software support, including TERA