THE UNIVERSITY OF TENNESSEE

February 26, 2009 Minutes

Members Present

Mary Albrecht, Vincent Anfara, Pam Angelle for Barbara Thayer-Bacon, Marianne Breinig, Stan Bowie, Ralph Brockett, Clara Brown, Itamar Elhanany, Michael Essington, Daniel Feller, Tom George, Eric Haley, William Hamel for Richard Bennett, Robert Hatcher, George Hoemann, Paul Justice, Jan Lee for Sandra McGuire, Julie Lynch, Katherine Marsh for Sybil Marshall, Lane Morris, Joann Ng Hartmann for Pia Wood, Stefanie Ohnesorg, Masood Parang, Linda Phillips, Greg Petty for Susan Smith, Lloyd Rinehart for Rudy Santore, John Wachowicz, Michael Zemel, Catherine Cox, Gay Henegar, Kay Reed

The Graduate Council meeting was called to order by Vincent Anfara on Thursday, February 26, 2009, at 3:00 p.m. in the Multipurpose Room, Black Cultural Center.

1. Minutes of the Preceding Meeting

   The minutes of the January 29, 2009 meeting were approved by the Graduate Council with the corrected replacement of Credential Bylaws for Credential Committee on the last sentence of the committee report on page G1293.

2. Committee Reports

   Academic Policy Committee

   Stefanie Ohnesorg, Chair of the Academic Policy Committee, presented the report for the February 12, 2009 meeting. (Attachment 1)

   - The committee discussed a proposed change in the policy statement on admission categories for international students to include admitting international students as exchange students.

   - Academic Policy Bylaws draft was electronically voted on by the committee. The printed version handed out at the Graduate Council meeting will be considered as the first reading. The final version will be voted on for approval by the Graduate Council at the March meeting.

   Appeals Committee

   Marianne Breinig, Chair of the Appeals Committee, presented the following report:

   - The Appeals Committee Bylaws are posted on the Graduate School website and will serve as the first reading with the final version to be voted on for approval by the Graduate Council at the March meeting.

- The appeals procedures are being revised.

- One appeal was received in the end of the Fall 2008 semester and reviewed on December 8. More documentation was requested, and the appeal was again reviewed on February 2. The appeals committee voted that a hearing was warranted, and will be held on March 10.

Credentials Committee

Michael Zemel, Chair of the Credentials Committee, presented the report for the February 5, 2009 meeting. (Attachment 2)

- Council approved the committee recommendations on faculty approved to direct dissertations as presented.

- A proposal to change the bylaws to post submission deadlines for the requests for approval to direct dissertations on the Graduate School website was presented. The motion was approved.

- Committee members are composing a brief description of mentoring students.

Curriculum Committee

Kay Reed, Member of the Curriculum Committee, noted that the draft of the Curriculum Committee Bylaws is posted on the Graduate Council website. The first reading will be at the April 9 Graduate Council meeting with approval at the August 13 meeting.

Nominating Committee

Daniel Feller, Chair of the Nominating Committee, presented Marianne Breinig and Michael Essington as candidates for the Vice Chair/Chair Elect of the Graduate Council. (Attachment 3) With no nominations from the floor, the Graduate Council voted by secret ballot. Michael Essington will serve as the Vice Chair/Chair Elect for 2009 – 2010 Graduate Council.

3. New Business

Graduate Student Research Survey

Abby Mello, member of the Graduate Student Senate, presented the results of the Graduate Student Research Survey. (Attachment 4) With guidance from the Research Council and assistance from Matthew Fleisher, information was gathered from a graduate student's perspective from an online survey in preparation for a Graduate Student Senate forum. The survey was divided into four areas: experiences, satisfaction, preparedness, and correlations with responses sorted by

masters, first to three year doctorates, and four to six year doctorates. Interest from the Graduate Council to conduct the survey again was expressed in hopes of obtaining a larger sampling.

4. Administrative Reports and Announcements

Graduate Deans Group

Mary Albrecht, member of the Graduate Deans Group, shared the new procedure for applications to be reviewed by the departments before the GRE scores are posted. Reports are sent to departments when the GRE scores are received.

Graduate Student Senate

Julie Lynch, President of the Graduate Student Senate, presented the following report from the February 3, 2009 meeting:

- The 17th Annual "Love Your Library" Fun Run was a success with 186 participants. $3,000 was raised from registrations and $5,000 from sponsors.
- The Graduate Student Travel Award applications for travel between April 15, 2009 through August 31, 2009 will be posted next week. The applications will be due in mid April.
- Graduate Student Senate meeting will be tonight, February 26, at 7:00 with the next meeting on March 24.

Graduate Council Chair

Vincent Anfara, Chair of the Graduate Council, presented the following information:

- Faculty Senate revised the Proposed Resolution on the Procedure for Review of Administrative Proposals to Terminate Programs to include a definition of "program" as a major, minor, or concentration. This procedure will be posted on the Provost's webpage. (Attachment 5)

  Jan Lee, Associate Dean in the College of Nursing, clarified the information that appeared in the Daily Beacon. Three concentrations/tracks in the MSN program are being considered for closure or suspension of admissions, not the MSN program. The Nursing Administration Concentration will admit students every other year. Admissions to Women's Health and Neo-Natal Nurse Practitioner tracks are suspended for now.

- Newly approved Honorary degree procedures were not followed when the decision was made to give Dolly Parton an honorary doctoral degree. The awarding of this degree had been in process for several years, and the procedures will be followed in the future.

- The Faculty Senate is in the process of restructuring to make it a more effective and efficient governing body.
- Vincent Anfara expressed his thanks to all the committees for their work on the committee bylaws.
- A request was made to the committee chairs to present a summary of the committee's yearly accomplishments at the next Graduate Council meeting in March.
- The calendar for the Graduate Council and Graduate Council Committee meetings will be posted on the Graduate School website.
- Letters were sent out to the deans of the colleges requesting election of new Graduate Council members for the 2009 – 2012 term. The names of the representatives are due to the Graduate School by March 30.

5. Items from the floor

Marianne Breinig encouraged that the campus focus more on the graduate programs when planning.

Stefanie Ohnesorg expressed her concern regarding the closure of the Golf Range and Sutherland apartments. International students need inexpensive housing at the University. Housing will be meeting with the Graduate Student Senate tonight about these closures. The Center for International Education also will be having a meeting to discuss alternative housing.

Orientation for new Graduate Council members will be on August 13, 2009. All members are encouraged to attend.

The meeting was adjourned at 4:20 p.m.

Respectfully Submitted,

Gay Henegar
Secretary to Graduate Council

ATTACHMENT 1

ACADEMIC POLICY COMMITTEE
THURSDAY, FEBRUARY 12, 2009, 2:15 P.M. – 3:30 P.M.
4th FLOOR CONFERENCE ROOM, ANDY HOLT TOWER
REPORT

Present: Stefanie Ohnesorg (Chair), Ralph Brockett, Mark DeKay, Yanfei Gao, Bob Hatcher, Thomas Heffernan, Julie Lynch, Sandra McGuire, Joann Ng Hartmann, Kay Reed.

The committee was called to order by Stefanie Ohnesorg, Chair, at 2:15 p.m.

1. The committee discussed a proposed change in the policy statement on admission categories for international students, which would remove the prohibition against international students being admitted as non-degree graduate students. Joann Ng Hartmann, Assistant Director of the Center for International Education, discussed the needs for admitting international students as exchange students. The committee will continue the discussion on this proposal.

2. Bylaws for Committee. The committee was asked to review the current document and identify areas that should be updated.

   http://gradschool.utk.edu/GraduateCouncil/AcadPoli/APCBylaws.pdf

The meeting adjourned at 3:20 p.m.

ATTACHMENT 2

FACULTY APPROVED TO DIRECT DISSERTATIONS

The following faculty members were approved by the Credentials Committee for recommendation to the Graduate Council:

Armel, Gregory	Assistant Professor	Plant Sciences	Approved until tenure
Auerbach, Benjamin	Assistant Professor	Anthropology	Approved until tenure
Bowers, Melissa	Associate Professor	Statistics, Operations & Management Science	Continuing approval 10 years Until January 2018
Brosnan, James	Assistant Professor	Plant Sciences	Approved until tenure
Button, Gregory	Assistant Professor	Anthropology	Approved until tenure
Classen, Aimee	Assistant Professor	Ecology and Evolutionary Biology	Approved until tenure
Daniel, Claus	Adjunct Assistant Professor	Materials Science and Engineering	Approval for 5 years Until February 2014
Wilck, Joseph	Assistant Professor	Industrial and Information Engineering	Approved until tenure
Young, Timothy	Research Assistant Professor	Forestry, Wildlife and Fisheries	Approval for 5 years Until February 2014

The committee also approved a recommendation to the Graduate Council that the committee bylaws (final paragraph) be changed to reflect the following:

The agenda for each committee meeting will contain the requests for approval to direct dissertations as submitted by the academic department heads. Procedures and deadlines for submission of such requests are posted on the Graduate Council web page.

The meeting adjourned at 4:55 p.m.

Attachment 3

Call for Graduate Council Election: Vice Chair/Chair-Elect

Presented by the Executive Committee of the Graduate Council
February 17, 2009

The Bylaws of the Graduate Council of The University of Tennessee, Knoxville (approved March 6, 2008) requires Council to elect a Vice Chair/Chair-Elect. According to the Graduate Council Bylaws, Article III: Section 4 the Vice Chair should be elected in the spring semester by the Graduate Council to participate in Council activities in the next academic year in preparation for assumption of the Chair position in the following academic year.

Acting in accordance with the Graduate Council Bylaws, a Nominating Committee was appointed to prepare for the election of the Vice Chair. The Nominating Committee consisted of the following members: Dan Feller (Chair), Itamar Arel, and Stefanie Ohnesorg.

Two candidates have been nominated for Vice Chair/Chair-Elect through the efforts of the Nominating Committee (see below). These nominees will be presented at the Thursday, February 26, 2009 Graduate Council meeting. Additional nominees can be added by the floor at that Council meeting. Paper ballots will be distributed to all voting members and the Nominating Committee will announce the winner of the election.

The following two candidates for Vice Chair/Chair-Elect have been nominated:

- Marianne Breinig
- Michael Essington

Marianne Breinig



Marianne Breinig

Professor Marianne Breinig received a Ph.D. in Physics from the University of Oregon in 1979 and joined the faculty at the University of Tennessee in 1981. She focuses her efforts in the areas of Atomic Molecular and Optical Physics and Physics Education.

She is the author of over 50 referred publications in journals such as *Physical Review*, *Journal of Physics*, and *Physical Review Letters* and currently serves as Director of the Graduate Program in Physics and Associate Department Head for the Department of Physics and Astronomy. She also is a member of the American Association of Physics Teachers (AAPT) Committee on Graduate Education in Physics. Dr. Breinig has a long record of service to the university, including serving as chair of the Appeals Committee of Graduate Council, as a member of the Professional Development Committee, as chair of the Faculty Senate's Information Technology Committee, as a member of the Faculty Senate Executive Committee, and as a member of the Teaching Council. She was a recipient of the ITC/CUE Hewlett Innovative Teaching Fellowship and has also received the Provost's Award for Teaching Excellence.

Michael E. Essington



Michael E Essington

Dr. Essington is a Professor of Soil Chemistry in the Department of Biosystems Engineering & Soil Science, with appointments in the College of Agriculture and Natural Resources and the Agricultural Experiment Station (Institute of Agriculture). He has been a faculty member at UT since 1990. Dr. Essington is the graduate director for the Environmental and Soil Science graduate program and a member of the steering committee (Soil Science program representative) for the umbrella Ph.D. program in Plant, Soil, and Insect Sciences. He teaches both undergraduate and graduate courses, directs graduate students in environmental and soil chemistry, and maintains an active research program. Dr. Essington is a member of the Graduate Council and the Curriculum Subcommittee (2007 to present) of the Graduate Council. He is also an acting member of the Faculty Senate (assumed a vacant seat). In 2008, he was a member of the *ad hoc* Committee on Graduate Program Closures of the Graduate Council. Since 2007, Dr. Essington has been the Department's representative to the Institute's Promotion and Tenure Committee, and he was recently appointed to the CASNR Quality Graduate Education Taskforce.

Graduate Council Bylaws
Article III, Membership and Officers
Section 4. Graduate Council Vice Chair and Chair Elect

Any current faculty member of Council is eligible to be a candidate for Vice Chair. The Nominating Committee of Council will identify and solicit candidates for this post and will report its results during the next to the last meeting of the spring semester. Nominations may also be submitted from the floor at that time. A summary of the credentials for the candidates for Chair-Elect will be provided to Graduate Council members to aid in their decision. Election of the Vice-Chair will occur by secret ballot. The Vice Chair of Graduate Council serves as Chair-Elect of Council for a term of one year, commencing on August 1st after election at the end of the previous Spring Semester. The Vice Chair may participate as an ex officio nonvoting member of all standing and special committees of Council. This experience assists the Vice Chair in preparation for assumption of the Chair position in the following academic year. The Chair-Elect, if elected as will be typical to the position of Chair, will assume the responsibilities of Chair on August 1st in the second academic year after being elected to the position of Vice Chair. The Chair-Elect is automatically granted an extension of her or his appointment to Graduate Council for a period of up to three years so as to include membership on Council through one year past her or his term as Chair, serving in the capacity of past Chair. Since the Vice Chair serves the entire university and not one constituency, the Vice Chair does not count as part of a school’s or college’s apportionment of representatives to Council.

ATTACHMENT 4
Graduate Student Research Survey
Presented by: Abby Mello and Matthew Fleisher

Purpose: To gather preliminary data to inform the graduate student forum, to be held this Spring, on research issues associated with graduate students
Sample: The survey was disseminated online through the graduate student senate (GSS) representatives to their constituents. In total 143 students completed the survey. Approximately one-third were masters students and two-thirds PhD students. Seven university colleges were represented.
Scope: Questions were directed at four major areas

1. *Experiences* pertaining to research such as conducting laboratory and field work, presenting and publishing research, and working with others
2. *Satisfaction* with the current level of exposure to the different research experiences
3. *Preparedness* – feelings of being prepared for jobs and conducting research upon graduation
4. *Quality* – quality, contribution, and ethics issues (self and others)

Analyses: Two general types of findings will be reported

1. Mean level data (grouped by year in program) for experiences, satisfaction, preparedness, and quality
2. Correlational data showing relationships between experiences and preparedness

Major findings:

- Experiences – Overall, students have the **most experience conducting research with their advisors** and the **least amount of experience obtaining funding for research**. Exposure to various experiences increases dramatically as year in program increases. PhD students in their final years have the least experience in publishing and obtaining funding but have "some" to "considerable" exposure to all other activities.
- Satisfaction – **Early PhD students are the least satisfied** with their experiences. **PhD students in their latter years are overwhelmingly satisfied** with the majority of experiences - obtaining **funding and publishing** research being the notable **exceptions**.
- Preparedness – Across the board students are **least prepared for obtaining outside funding**. Overall preparedness increases with years in program. Masters students feel the least prepared and upper level PhD students are the most prepared.
- Quality – Perceptions of **research quality increase** with year in program. However, perceptions of **research contributions to society decrease** with year.
- Correlations – In general, exposure to different research experiences is highly related to feelings of preparedness. The single greatest predictor of overall preparedness across Masters and PhD students is **conducting research with faculty other than their advisor**.

Demographics

Year	n	%
Masters Degree (Total)	**49**	**34.3**
Masters Degree 1st year	19	13.3
Masters Degree 2nd year	27	18.9
Masters Degree Other	3	2.1
PhD (Total)	**92**	**64.3**
PhD 1st year	12	8.4
PhD 2nd year	23	16.1
PhD 3rd year	20	14.0
PhD 4th year	24	16.8
PhD 5th year	9	6.3
PhD Other	4	2.8
Other	2	1.4

Year	n	%
Masters Degree (Total)	**49**	**34.3**
Masters Degree 1st year	19	13.3
Masters Degree 2nd year	27	18.9
Masters Degree Other	3	2.1
PhD (Total)	**92**	**64.3**
PhD 1st year	12	8.4
PhD 2nd year	23	16.1
PhD 3rd year	20	14.0
PhD 4th year	24	16.8
PhD 5th year	9	6.3
PhD Other	4	2.8
Other	2	1.4
Total	**143**	**100**

	Total		Masters		PhD yr 1-3		PhD yr 4-6	
College	**n**	**%**	**n**	**%**	**n**	**%**	**n**	**%**
Agricultural Sciences and Natural Resources	7	4.9	4	2.8	2	1.4	1	0.7
Arts and Sciences*	56	39.2	17	11.9	25	17.5	13	9.1
Business Administration	22	15.4	1	0.7	11	7.7	10	7.0
Communication and Information	28	19.6	11	7.7	13	9.1	4	2.8
Education, Health, and Human Sciences*	19	13.3	13	9.1	2	1.4	3	2.1
Engineering	9	6.3	2	1.4	2	1.4	5	3.5
Law*	1	0.7	0	0	0	0	0	0
Other	1	0.7	1	0.7	0	0	0	0
Total	143	100	49	34.3	55	38.5	36	25.2

* 3 students were neither Masters nor Ph.D. (i.e., 2nd yr Law; Au.D.; part time)

Have you conducted research at UT?	Total		Masters		PhD yr 1-3		PhD yr 4-6	
	n	**Valid %**	**n**	**Valid %**	**n**	**Valid %**	**n**	**Valid %**
Yes	108	79.4	29	64.4	43	81.1	35	100
No	28	20.6	16	35.6	10	18.9	0	0
Missing	7		4		2		1	

Have you witnessed others conducting research at UT?	Total		Masters		PhD yr 1-3		PhD yr 4-6	
	n	Valid %	n	Valid %	n	Valid %	n	Valid %
Yes	101	74.3	29	64.4	40	75.5	29	82.9
No	35	25.7	16	35.6	13	24.5	6	17.1
Missing	7		4		2		1	

For the following questions please indicate on the 5 point scale (No experience – A Great Deal of experience) your exposure to these research experiences. If a question does not apply to you please select "Not Applicable"

	Total Avg.	Masters Avg.	PhD yr 1-3 Avg.	PhD yr 4-6 Avg.
Opportunities to conduct laboratory research	2.88	2.45	2.65	3.61
Opportunities to conduct field research	2.89	2.78	2.81	3.15
Conducting research as part of your assistantship	3.01	2.44	2.90	3.78
Presenting research at local or regional conferences	2.65	1.55	2.93	3.62
Presenting research at national or international conferences	2.71	1.55	2.82	3.94
Publishing research in peer-reviewed journals	2.17	1.47	2.33	2.81
Opportunities to conduct research with your advisor	3.06	2.41	3.18	3.71
Opportunities to conduct research with faculty other than your advisor	2.56	1.91	2.71	3.20
Opportunities to conduct research with fellow graduate students	2.82	2.60	2.76	3.25
Receiving outside funding for your research (e.g. grants)	2.01	1.58	1.96	2.66
Average	2.68	2.07	2.71	3.37

1 - No Experience 2 - Little Experience 3 - Some Experience 4 - Considerable Experience 5 - A Great Deal of Experience

For the following questions please indicate on the 5 point scale your satisfaction with your research experiences.
1 - Very Dissatisfied 2 - Somewhat Dissatisfied 3 - Neither Satisfied nor Dissatisfied 4 - Somewhat Satisfied 5 - Very Satisfied
(% Dissatisfied and % Satisfied was calculated for each group, e.g., the percentage of students selecting options 1 or 2, and 4 or 5, respectively)

	Total		Masters		PhD yr 1-3		PhD yr 4-6	
	% Dissat	% Sat	% Dissat	% Sat	% Dissat	% Sat	% Dissat	% Sat
Opportunities to conduct laboratory research	21.1	**53.4**	11.1	**61.1**	25.6	**41**	18.7	**65.7**
Opportunities to conduct field research	25.9	**51.7**	30.5	**52.8**	23.5	**41.2**	22.6	**67.8**
Conducting research as part of your assistantship	33.3	**53.7**	27.5	**44.8**	**45.8**	43.7	19.4	**77.5**
Presenting research at local or regional conferences	16.3	**49.1**	**29.6**	18.5	15.4	**48**	5.8	**77.1**
Presenting research at national or international conferences	18.8	**53**	**35.7**	21.4	15.6	**50.9**	8.4	**83.4**
Publishing research in peer-reviewed journals	31.4	**36.4**	20	**41.7**	**44**	36	22.2	**55.5**
Opportunities to conduct research with your advisor	30.4	**56.8**	30.5	**44.4**	39.6	**49.1**	14.7	**82.4**

Opportunities to conduct research with faculty other than your advisor	30.9	**41.2**	25	**30.6**	**40.7**	37.1	20.6	**61.8**
Opportunities to conduct research with fellow graduate students	20.9	**51.9**	17.5	**52.5**	32.1	**39.6**	5.9	**73.6**
Receiving outside funding for your research (e.g. grants)	**39.8**	24.1	22.2	22.2	**50**	14	36.6	**43.3**
Average	26.9	47.1	25	39	33.2	40.1	17.5	68.8

Percentages in **bold** are the greater of the two. Subtracting each pair from 100% provides the % neither satisfied nor dissatisfied.

On the 5 point scale how well do you believe your research experience has prepared you to:
1 - Completely Unprepared 2 - Somewhat Unprepared 3 - Neither Prepared nor Unprepared 4 - Somewhat Well Prepared 5 - Very Well Prepared
(% Unprepared and % Prepared was calculated for each group, e.g., the percentage of students selecting options 1 or 2, and 4 or 5, respectively)

	Total		**Masters**		**PhD yr 1-3**		**PhD yr 4-6**	
	% Un	**% Prep**	**% Un**	**% Prep**	**% Un**	**% Prep**	**% Un**	**% Prep**
Obtain a research or applied job after graduation	24.3	**53.7**	28.9	**37.8**	30.2	**52.8**	11.5	**77.1**
Obtain an academic job after graduation	23.6	**54.4**	26.6	**44.5**	28.3	**52.9**	14.3	**74.3**
Conduct research on your own	23.6	**61**	26.7	**53.3**	28.3	**58.5**	14.3	**77.1**
Publish research on your own	34.5	**44.1**	**40**	26.6	41.5	**45.3**	17.2	**65.7**
Obtain outside funding for your research (e.g. grants)	**54.4**	26.4	**51.2**	17.8	**58.5**	24.6	**51.4**	42.8
Work with others on research	14.7	**66.9**	13.3	**64.4**	18.9	**60.3**	8.6	**85.7**
Average	29.2	51.1	31.1	40.7	34.3	49.1	19.6	70.5

Percentages in **bold** are the greater of the two. Subtracting each pair from 100% provides the % neither prepared nor unprepared.

1. **On a 5 point scale (Low/Poor – High/Very good) please rate the following aspects of the research *you* have conducted at UT**
2. **On a 5 point scale (Low/Poor – High/Very good) please rate the following aspects of the research *others* have conducted at UT**

	Total		**Masters**		**PhD yr 1-3**		**PhD yr 4-6**	
	Self	**Others**	**Self**	**Others**	**Self**	**Others**	**Self**	**Others**
Theoretically sound	3.91	4.06	3.52	3.82	3.84	4.10	4.29	4.28
Methodologically sound	3.94	3.99	3.62	3.68	3.88	4.08	4.23	4.17
Rigorous	3.66	3.79	3.17	3.57	3.86	3.87	3.77	3.90
Contributes to research literature	3.85	3.90	3.62	3.79	3.95	3.97	3.89	3.93
Contributes to society	3.48	3.49	3.66	3.75	3.44	3.46	3.34	3.31
Fairness to participants	4.20	4.12	4.07	4.07	4.19	4.23	4.31	4.03
Ethical overall	4.44	4.24	4.31	4.21	4.37	4.31	4.60	4.21
Average	3.93	3.94	3.71	3.84	3.93	4.00	4.06	3.98

1 - Low/Poor 2 - Medium-Low 3 - Medium/Neutral 4 - Medium-High 5 - High/Very Good

Total Sample Correlations

	Obtain a research or applied job after graduation	Obtain an academic job after graduation	Conduct research on your own	Publish research on your own	Obtain outside funding for your research (e.g. grants)	Work with others on research	Average Correlation
Opportunities to conduct laboratory research	**.342****	**.400****	.234*	.288**	.261**	**.307****	**.31**
Opportunities to conduct field research	.219*	**.299****	**.380****	**.389****	**.464****	**.385****	**.36**
Conducting research as part of your assistantship	**.394****	**.318****	**.336****	**.326****	.124	.181	.28
Presenting research at local or regional conferences	**.332****	**.337****	.290**	**.376****	.140	.215*	.28
Presenting research at national or international conferences	**.295****	.266**	.293**	**.415****	.135	.203*	.27
Publishing research in peer-reviewed journals	**.409****	**.338****	**.395****	**.523****	.292**	.265**	**.37**
Opportunities to conduct research with your advisor	**.454****	**.471****	**.485****	**.538****	.211*	**.338****	**.42**
Opportunities to conduct research with faculty other than your advisor	**.559****	**.482****	**.516****	**.560****	.292**	**.437****	**.47**
Opportunities to conduct research with fellow graduate students	**.363****	**.319****	**.341****	.291**	.233**	**.543****	**.35**
Receiving outside funding for your research (e.g. grants)	.285**	.204*	.238**	**.313****	**.517****	.293**	**.31**

N = 136; * p < .05; **p < .01

Masters Student Correlations

	Obtain a research or applied job after graduation	Obtain an academic job after graduation	Conduct research on your own	Publish research on your own	Obtain outside funding for your research (e.g. grants)	Work with others on research	Average Correlation
Opportunities to conduct laboratory research	**.442***	**.513****	.271	.319	.294	.366	**.37**
Opportunities to conduct field research	.241	.258	**.440****	**.439****	**.620****	**.395****	**.40**
Conducting research as part of your assistantship	**.419***	.312	.311	**.484****	.134	.235	**.32**
Presenting research at local or regional conferences	.057	.090	.130	**.353***	.302	**.353***	.21
Presenting research at national or international conferences	-.086	-.158	.093	**.333***	.136	.301	.10
Publishing research in peer-reviewed journals	.118	.117	.222	.267	**.320***	.248	.22
Opportunities to conduct research with your advisor	**.385***	**.409****	**.384***	**.473****	.270	**.389***	**.39**
Opportunities to conduct research with faculty other than your advisor	**.486****	**.401****	**.372***	**.378***	.254	**.432****	**.39**
Opportunities to conduct research with fellow graduate students	**.459****	**.417****	**.342***	**.334***	.031	**.433****	**.34**
Receiving outside funding for your research (e.g. grants)	.080	.213	.126	.193	**.326***	.138	.18

N = 43; * p < .05; **p < .01

Ph.D. yr 1 - 3 Correlations

	Obtain a research or applied job after graduation	Obtain an academic job after graduation	Conduct research on your own	Publish research on your own	Obtain outside funding for your research (e.g. grants)	Work with others on research	Average Correlation
Opportunities to conduct laboratory research	.090	.249	.064	.096	.131	.132	.13
Opportunities to conduct field research	.027	.191	.224	.228	.263	.237	.20
Conducting research as part of your assistantship	.260	.188	.138	.090	-.028	-.059	.10
Presenting research at local or regional conferences	.172	.220	.249	.149	-.022	.069	.14
Presenting research at national or international conferences	.057	.056	.092	.059	-.152	-.092	.00
Publishing research in peer-reviewed journals	**.304***	.222	**.323***	**.443****	.161	.124	.26
Opportunities to conduct research with your advisor	**.366****	**.336***	**.475****	**.500****	.234	.243	**.36**
Opportunities to conduct research with faculty other than your advisor	**.528****	**.409****	**.567****	**.512****	.264	**.412****	**.45**
Opportunities to conduct research with fellow graduate students	**.355****	.252	.215	.211	**.447****	**.551****	**.34**
Receiving outside funding for your research (e.g. grants)	.272	-.004	.061	.212	**.491****	.228	.21

N = 53; * p < .05; **p < .01

Ph.D. yr 4 - 6 Correlations

	Obtain a research or applied job after graduation	Obtain an academic job after graduation	Conduct research on your own	Publish research on your own	Obtain outside funding for your research (e.g. grants)	Work with others on research	Average Correlation
Opportunities to conduct laboratory research	**.391***	**.370***	.244	.334	.302	**.373***	**.34**
Opportunities to conduct field research	**.403***	**.427***	**.458****	**.474****	**.530****	**.548****	**.47**
Conducting research as part of your assistantship	**.418***	**.354**	**.554****	.343	.266	.354	**.38**
Presenting research at local or regional conferences	**.446****	**.406***	.317	**.441***	.023	.212	**.31**
Presenting research at national or international conferences	**.553****	**.547****	**.575****	**.732****	**.284**	**.489****	**.53**
Publishing research in peer-reviewed journals	**.595****	**.470****	**.516****	**.647****	**.401***	**.451****	**.51**
Opportunities to conduct research with your advisor	**.581****	**.680****	**.550****	**.545****	.065	**.439****	**.48**
Opportunities to conduct research with faculty other than your advisor	**.566****	**.553****	**.518****	**.712****	.338	**.488****	**.53**
Opportunities to conduct research with fellow graduate students	.112	.162	**.414***	.212	.144	**.675****	.29
Receiving outside funding for your research (e.g. grants)	.315	.253	**.396***	.319	**.663****	**.372***	**.39**

N = 35; * p < .05; **p < .01

Quotes

Please indicate in a few sentences anything not covered in this survey pertaining to research **problems/issues** at UT:

Masters
"Research costs money and there just doesn't seem to be enough money to fund/properly fund research projects or allow students to travel across the country to valuable conferences in their field."

PhD 1-3yrs
"Within my department, the requirements for teaching assistantships, classwork, and expected volunteer work leave little/no opportunity for outside research."

PhD 4-6yrs
"Some professors do not conduct research at all once they reach full professor. Some have not published or even attempted to publish since they arrived at UT."

Please indicate in a few sentences anything not covered in this survey pertaining to aspects of research at UT that you are **particularly satisfied with**:

Masters
"I appreciate the opportunity to be involved with participatory research."

PhD 1-3yrs
"I have had the fortune to work with two professors who are very inclusive, and supportive of student creativity and innovation."

PhD 4-6yrs
"The diversity of research in our department means that people are thinking about many different issues. They bring these varied ideas to the table and this strengthens collaborative research."

ATTACHMENT 5

Proposed Resolution on the Procedure for Review of Administrative Proposals to Terminate Programs

Whereas the Graduate and Undergraduate Councils have both approved the Procedure for Review of Administrative Proposals to Terminate Programs proposed by the Task Force on Program Review, Reallocation and Reduction, and

Whereas the Faculty Senate has approved the minutes of these councils and hence endorsed this Procedure, and

Whereas this Procedure should be recorded not merely in the minutes of the Councils and the Senate, but in documents that specify the policies of the Councils, and

Whereas there is need to eliminate ambiguity as regards what counts as a program for the purposes of this Procedure,

Now be it resolved that the term 'program' as used in the statement of this procedure be defined as "major, minor or concentration,"

And be it further resolved that the Faculty Senate recommends to the Graduate and Undergraduate Council that this Procedure, together with the aforementioned definition, be included in the Guidelines for Submission of Materials to the Graduate Council, and that the Faculty Senate recommends to the Undergraduate ~~and~~ Council that this Procedure, together with the aforementioned definition, be included in the Guidelines for Submission of Materials to the Undergraduate Council.