Graduate Council

Report – Thursday, February 8, 2018, 3:00 PM

Academic Affairs Conference Room WAB 239

1. Graduate Council Meeting and Minutes February 8, 2018 Meeting (Appendix A)

2. Graduate Enrollment Report (Appendix B)

3. Committee Reports

   a. Policy Committee: No report (Chair needed)

   b. Curriculum Committee: Kirk Atkinson (Appendix C)

   c. Student Research Grants Committee: Berry/Cappiccie (Appendix D)

Graduate Council

Minutes —Thursday, January 18, 2018, 2:00 p.m.
Academic Affairs Conference Room WAB 239

Members Present: Alex Lebedinsky, Carl Myers, Martha Day, Justavian Tillman, Mercy Ebuetse, Eric Reed, Wes Berry, Ann Ferrell, Allie Crume, Laurie Branstetter, Richard Dressler, Kristie Guffey, Merrall Price, Scott Lyons, Chris Groves

Members Absent: Leyla Zhuhadar, Kirk Atkinson, Towhid Mahmood, Carl Dick, Dominic Lanphier, Amy Cappiccie, Clarissa Lightsy, Gabrielle Bradley, Divya Gangavelli, Molly Kerby

Guests: Sylvia Gaiko, Tony Norman, Danita Kelley, Laura Burchfield

1. Call to Order *Reed

2. Consideration of December 7, 2017 minutes (Appendix A)
   Reed/Dressler motion to approve; passed.

3. Graduate Enrollment Report (Appendix B)
   *Lyons reports we are down 85 students overall compared to this time last year. We are down 106 international students and up 21 domestic students.

4. Committee Reports

   a. Policy Committee: Admissions Policy (Appendix C)
      *Reed mentions there is no one to lead the Policy Committee.

   b. Curriculum Committee: Kirk Atkinson (Appendix D)
      *The report is accepted as presented.

     c.   Student Research Grants Committee: No report; next applications due 31 January 2018
       *Wes reports there were twelve applications – most were fully funded and some were partially funded. They started this third submission cycle with about forty-nine thousand in the budget. There will be about twenty to twenty-five thousand after this third cycle.

5.   Report from Dean of the Graduate School: Dean Scott Lyons
   *Lyons shared that the Graduate School's typical practice is to look at what the department and college dean commits to. The Graduate School will typically match the lower amount. They were able to do a little bit more this year since there was a little more in the budget.

   *The graduate enrollment management software RFP is done. They have had the presentations from the two vendors. Ashlee Tilford is in the process of scheduling a meeting for the RFP committee to reconvene. They will make reference calls and to speak with people who use these systems. Julie Harris and Scott Gordon want to be on reference calls and potentially visit banner schools who use the software. Lyons would like the contract signed by the end of the semester.

   *The new appeals process is underway. The appeals are being reviewed by the committee and Dr. Lyons.

   *The first Lunch and Learn of the spring semester will be March 1st. The theme will be getting the job. The students will bring their resume and can review them with mentors from their college.

   *The IMPACT speaker for spring 2018 will likely be a Tibeten Monk and his two protégés.

   *The Graduate School newsletter has been sent out. Graduate Students, Administrators, Staff, and Graduate Coordinators should have received the newsletter. Lyons will also send it out to everyone on the Graduate Council. The third party platform had some issues with filters that had to be worked out.

   *The Graduate School GA is working to create a summer magazine. It will be printed. It will be sent out to Alumni, Students, and campus.

   *Lyons announced he had tried to keep the resident rate flat for next year since we are a little high on that side. His proposed tuition plan for next year was denied. There will be a three percent increase on resident and non-resident tuition.

   *The Program of Study is being sent for another round of testing. They are optimistic it should be ready in a week or so to begin testing in the Graduate School.

   *Dressler mentioned SLP is looking at a centralized application. Lyons explains we cannot use that to replace The Graduate School application. Dressler liked the aspect that it might automatically calculate GPA in the system.

   *Lyons noted that all they can award for graduate assistantships it what is in the index. He suggested doing more partial assistantships. He will hopefully know how much they will have to award in the next 2-3 weeks.

6. Public Comments
   *Dr. Norman will be attending Graduate Council for the rest of the semester as a guest.

7. Announcements and Adjourn
   *Reed makes a motion to adjourn

Note: this report uses unduplicated headcount, which counts each student only in their primary program/department. This primarily affects certificate program enrollments, as they tend to be secondary programs. If you need more specific information about duplicated headcount (i.e., students simultaneously enrolled in multiple programs), please let me know.

Overall enrollment:

Current Week Spring Enrollment Compared to Enrollment at Previous Similar Weeks by Selected Category

Wee...	Selected Category ▲	2014	2015	2016	2017	2018	Trend	1 Yr Diff	4 Yr Diff
4	GR	2,629	2,565	2,780	2,579	2,465		-114	-164

By residency:

Current Week Spring Enrollment Compared to Enrollment at Previous Similar Weeks by Selected Category

Wee...	Selected Category ▲	2014	2015	2016	2017	2018	Trend	1 Yr Diff	4 Yr Diff
4	Foreign Student	242	271	380	264	156		-108	-86
4	Military	.	.	40	129	187		58	.
4	Non-res TN Cnty (Scholarship)	46	37	38	32	41		9	-5
4	Nonresident	582	574	542	476	465		-11	-117
4	Resident	1,723	1,652	1,743	1,650	1,585		-65	-138
4	Tuition Incentive Program-TIP	.	.	.	.	1		.	.
4	Undeclared	36	31	37	28	30		2	-6
		2,629	2,565	2,780	2,579	2,465		-114	-164

By primary degree type:

Current Week Spring Enrollment Compared to Enrollment at Previous Similar Weeks by Selected Category

Wee...	Selected Category ▲	2014	2015	2016	2017	2018	Trend	1 Yr Diff	4 Yr Diff
4	Graduate Certificate	165	174	220	170	161		-9	-4
4	Masters	2,073	1,959	2,039	1,965	1,883		-82	-190
4	Specialist	23	26	28	31	29		-2	6
4	Rank	47	47	54	46	46		0	-1
4	Doctorate	213	250	287	284	302		18	89
4	Non-Degree	108	109	152	83	44		-39	-64
		2,629	2,565	2,780	2,579	2,465		-114	-164

By primary academic college:

Current Week Spring Enrollment Compared to Enrollment at Previous Similar Weeks by Selected Category

Wee...	Selected Category ▲	2014	2015	2016	2017	2018	Trend	1 Yr Diff	4 Yr Diff
4	College of Education and Beha...	857	805	781	711	717		6	-140
4	College of Health and Human S...	1,046	1,002	1,018	953	874		-79	-172
4	Exploratory Studies	27	25	32	21	16		-5	-11
4	Gordon Ford College of Busine...	119	122	142	125	122		-3	3
4	Ogden College of Science and ...	268	283	350	283	234		-49	-34
4	Potter College of Arts & Letters	215	200	179	158	159		1	-56
4	University College	97	128	278	328	343		15	246
		2,629	2,565	2,780	2,579	2,465		-114	-164

By primary department (sorted by amount of increase in one year, smallest to largest):

Week #	Selected Category	2014	2015	2016	2017	2018	1 Yr Diff	4 Yr Diff
4	Art	2	6	1	1			
4	School of Engineering and Applied Sciences	89	93	173	96	54	-42	-35
4	Kinesiology, Recreation, and Sport	293	283	271	251	211	-40	-82
4	99HH: Exploratory/Undeclared	39	47	68	35	2	-33	-37
4	Public Health	137	145	147	141	126	-15	-11
4	Social Work	120	107	105	107	92	-15	-28
4	School of Teacher Education	413	378	358	321	307	-14	-106
4	Mathematics	42	33	39	47	34	-13	-8
4	99BU: Exploratory/Undeclared	97	88	116	103	95	-8	-2
4	Political Science	47	42	37	29	21	-8	-26
4	Economics	15	22	20	16	11	-5	-4
4	Graduate College Office	27	25	32	21	16	-5	-11
4	99IS: Exploratory/Undeclared	10	10	19	12	8	-4	-2
4	Music	16	16	20	21	18	-3	2
4	99SC: Exploratory/Undeclared	9	5	5	4	2	-2	-7
4	Chemistry	32	28	27	25	23	-2	-9
4	Geography and Geology	32	26	27	25	23	-2	-9
4	Physical Therapy	30	60	90	88	86	-2	56
4	99ED: Exploratory/Undeclared	148	148	145	122	121	-1	-27
4	Philosophy and Religion	9	6	5	3	2	-1	-7
4	Psychological Sciences		39	30	22	21	-1	
4	99AR: Exploratory/Undeclared	4	7	5	3	3	0	-1
4	Diversity and Community Studies	34	31	40	32	32	0	-2
4	Agriculture	12	18	12	30	31	1	19

4	Ed Admin, Leadership, and Research	91	125	122	113	114	1	23
4	Folk Studies and Anthropology	27	22	18	17	18	1	-9
4	History	34	33	22	18	19	1	-15
4	Physics and Astronomy	11	7	8	6	7	1	-4
4	School of Nursing	239	196	167	159	160	1	-79
4	Communication	21	23	23	16	18	2	-3
4	English	29	22	26	29	33	4	4
4	Applied Human Sciences	16	16	16	19	25	6	9
4	Sociology	26	23	22	21	27	6	1
4	Psychology	76	42	51	62	70	8	-6
4	Accounting	7	12	6	6	16	10	9
4	Biology	41	34	29	28	39	11	-2
4	Counseling and Student Affairs	129	112	105	93	105	12	-24
4	Communication Sciences and Disorders	172	148	154	153	172	19	0
4	School of Professional Studies	53	87	219	284	303	19	250
		2,629	2,565	2,780	2,579	2,465	-114	-164

Week #	Selected Category	2014	2015	2016	2017	2018	1 Yr Diff	4 Yr Diff
4	Addictions Education, CER (#0492)					1		
4	Art Education for Teacher Leaders, MAE (#0443)~	2	6	1	1			
4	Autism Spectrum Disorders, CER (#0441)	4	2	1		2		-2
4	Brewing and Distilling Arts & Sciences, CER (#0486)					1		
4	Career Counseling, CER (#0440)~	6	4					
4	Communication Disorders, MS (#114)~	158	73	11		1		-157
4	Communication Disorders, R1 (#164)~	14	7	11	6			
4	Communication, MA (#109)~	5						
4	Community College Faculty Preparation, CER	3	2	2				

	(#162)							
4	Early Childhood Education, R1 (#156)	1						
4	Economic Data Analytics, CER (#0491)					1		
4	Education/UL, CD (#142)	1	1					
4	Elementary Education Teacher Leader, R2 (#0430)	2						
4	Emergency Nurse Practitioner, CER (#0480)				2			
4	Exceptional Education - LBD, MAE (#0424)~	3		1				
4	Geographic Information Science, CER (#203)	1						
4	Gifted Education and Talent Development, EDS (#0490)					1		
4	Historic Preservation, CER (#0423)			1		2		
4	History Education, MAE (#111)~	1						
4	International Student Services, CER (#0415)	4	3	3	1			
4	Leadership Dynamics, MA (#0422)~	13	1	1				
4	Leadership Studies, CER (#163)~	12	2	2				
4	Leadership Studies, MA (#0464)~	28	11	2				
4	Literacy in Post-secondary Settings, CER (#0462)	5	4	1		1		-4
4	Middle Grades Education, R1 (#158)	3				1		-2
4	MSD Certification, C (#0477)~			2				
4	Music Education for Teacher Leaders, MAE (#0439)~	1						
4	Nursing Education (Post MSN), CER (#172)	2						
4	Organizational Communication, CER (#175)~		1					
4	Physical Education, MS (#090)~	1						
4	Religious Studies, CER (#1711)~				1			
4	Secondary Education Teacher Leader, R2 (#0432)		1			1		
4	Secondary Education, EDS (#119)~	1	1	1				
4	Secondary Education, MAE (#103)~		1					
4	Special Education, LBD, MAE (#0437)~	27	6	4				
4	Standard Guidance - Rank 1, R1 (#048)	3	6	2		1		-2
4	Teaching English to Speakers of Other Languages, CER (#0416)	2	3	3		1		-1
4	Technology Management, MS (#045)~	8	2	1	1			
4	Recreation and Sport Administration, MS (#095)	262	257	241	222	180	-42	-82
4	Non-Degree Health and Human Services, ND (#0003)	39	47	68	35	2	-33	-37
4	Elementary Education for Teacher Leaders, MAE (#0433)	63	60	63	46	22	-24	-41
4	Computer Science, MS (#117)	33	34	104	48	27	-21	-6
4	Engineering Technology Management, MS	47	54	63	45	25	-20	-22

	(#0447)						
4	Health Administration, MHA (#153)	71	78	72	69	52	-17	-19
4	Social Work, MSW (#157)	120	107	105	107	92	-15	-28
4	Mathematics, MA (#049)	32	25	29	33	22	-11	-10
4	Nursing, MSN (#149)	179	133	85	64	53	-11	-126
4	Business Administration, MBA (#057)	95	86	114	100	91	-9	-4
4	Instructional Design, MS (#0428)	8	21	22	16	8	-8	0
4	Public Administration, MPA (#051)	47	42	37	29	21	-8	-26
4	Applied Economics, MA (#0410)	15	22	20	16	10	-6	-5
4	Educational Leadership, C (#131)	35	66	65	62	56	-6	21
4	Environmental and Occupational Health Science, MS (#0473)		8	17	19	13	-6	
4	Library Media Education, MS (#083)~	79	75	76	72	67	-5	-12
4	Not Pursuing a Degree, ND (#126)	27	25	32	21	16	-5	-11
4	Counseling, C (#159)	21	7	9	5	1	-4	-20
4	Educational Leadership, EDD (#0010)	129	130	119	107	103	-4	-26
4	Environmental Health and Safety, CER (#0427)	3	2	2	5	1	-4	-2
4	Family Nurse Practitioner (Post MSN), CER (#0449)	5	4	8	13	9	-4	4
4	Non-Degree University College, ND (#0006)	10	10	19	12	8	-4	-2
4	Elementary Education, R1 (#084)	5	4	7	6	3	-3	-2
4	Facility and Event Management, CER (#0455)	1	3	2	8	5	-3	4
4	Literacy Education, MAE (#044)	16	17	14	14	11	-3	-5
4	Middle Grades Education for Teacher Leaders, MAE (#0434)	18	15	21	21	18	-3	0
4	Music, MM (#0453)	15	16	20	21	18	-3	3
4	Non-Degree Science, ND (#0004)	9	5	5	4	1	-3	-8
4	Special Education: Moderate and Severe Disabilities, MAE (#0438)	34	24	10	13	10	-3	-24
4	Chemistry, MS (#059)	32	28	27	25	23	-2	-9
4	Education and Behavioral Science Studies, MAE (#042)	2	5	5	9	7	-2	5
4	Geoscience, MS (#072)	31	26	27	25	23	-2	-8
4	Instructional Design, CER (#0418)	6	6	13	4	2	-2	-4
4	Mathematics, MS (#085)	10	8	10	14	12	-2	2
4	Physical Therapy, DPT (#0013)	30	60	90	88	86	-2	56
4	School Administration, EDS (#098)	1	4	5	5	3	-2	2
4	Creative Writing, MFA (#0478)			6	13	12	-1	
4	Folk Studies, MA (#069)	27	22	17	17	16	-1	-11
4	Gender and Women's Studies, CER (#1712)	8	5	11	9	8	-1	0
4	Interdisciplinary Early Childhood Education, Birth to Primary, for Teacher Leaders, MAE	3	4	4	5	4	-1	1

	(#0461)							
4	Middle Grades Education for Initial Certification, MAT (#0458)	1	1	2	2	1	-1	0
4	Nonprofit Administration, CER (#0463)	13	7	10	5	4	-1	-9
4	Organizational Communication, MA (#0012)	16	20	20	15	14	-1	-2
4	Organizational Leadership, CER (#1723)		7	24	7	6	-1	
4	Psychology, MS (#0469)		39	30	22	21	-1	
4	School Psychology, EDS (#147)	20	21	21	25	24	-1	4
4	Adult Education, CER (#0450)	2	4		2	2	0	0
4	Advanced Worksite Health Promotion, CER (#0465)			1	1	1	0	
4	Aging Studies, CER (#0419)	6	6	6	1	1	0	-5
4	Biology for Teacher Leaders, MAE (#0442)		1	2	1	1	0	
4	Business Sustainability, CER (#0474)				1	1	0	
4	Counseling, MAE (#043)	37	30	34	41	41	0	4
4	Dietetic Practice, CER (#0451)	10	10	10	10	10	0	0
4	Educational Technology, CER (#167)	1	3	3	2	2	0	1
4	Elementary Education, EDS (#118)~	1		1	1	1	0	0
4	Lean Sigma, CER (#0452)	1	3	5	2	2	0	1
4	Library Media Education, R1 (#0429)	1	2	2	1	1	0	0
4	Measurement, Evaluation and Research, CER (#0488)				1	1	0	
4	Non-Degree Arts and Letters, ND (#0002)	4	7	5	3	3	0	-1
4	Psychiatric Mental Health Nurse Practitioner, CER (#0479)			8	9	9	0	
4	Religious Studies, MA (#0446)~	9	6	5	2	2	0	-7
4	Secondary Education, R1 (#124)	4	4	3	4	4	0	0
4	Special Education Initial Certification: Learning and Behavioral Disorders, MAT (#0456)	16	17	10	9	9	0	-7
4	Agriculture, MS (#052)	12	18	12	30	31	1	19
4	Criminology, MA (#0421)	11	12	13	15	16	1	5
4	Director of Special Education, R1 (#0426)	3	5	1	2	3	1	0
4	Elementary Math Specialization, P-5, CER (#0485)				1	2	1	
4	History, MA (#078)	33	33	22	18	19	1	-14
4	Homeland Security Sciences, MS (#0413)	11	7	8	6	7	1	-4
4	Non-Degree Business, ND (#0001)	2	2	2	2	3	1	1
4	Social Responsibility and Sustainable Communities, MA (#0448)	26	26	29	23	24	1	-2
4	Teacher Education, C (#132)	14	14	15	15	16	1	2
4	Gifted Education and Talent Development, MAE (#0482)			7	20	22	2	

4	Intercollegiate Athletic Administration, CER (#0481)			6	1	3	2	
4	Secondary Education for Teacher Leaders, MAE (#0435)	53	41	32	25	27	2	-26
4	Communicating in Organizations, CER (#0471)		2	3	1	4	3	
4	Psychology, MA (#092)	56	21	18	19	22	3	-34
4	Adult Education, MAE (#047)	38	30	22	16	20	4	-18
4	English, MA (#067)	27	19	17	16	20	4	-7
4	Interdisciplinary Early Childhood Education, Birth to Primary, Initial Certification, MAT (#0460)	10	11	6	6	10	4	0
4	Kinesiology, MS (#0454)	16	16	12	15	19	4	3
4	Student Affairs in Higher Education, MAE (#145)	30	43	42	33	37	4	7
4	Career Services, CER (#0468)		4	4	1	6	5	
4	Non-Degree Education, ND (#0005)	17	13	21	6	11	5	-6
4	School Administration, R1 (#121)	11	18	28	27	32	5	21
4	Sociology, MA (#105)	15	11	9	6	11	5	-4
4	Applied Psychology, PSYD (#0476)			12	18	24	6	
4	Child and Family Studies, MS (#0489)				8	14	6	
4	School Counseling, MAE (#046)	28	15	11	12	18	6	-10
4	Secondary Education for Initial Certification, MAT (#0495)	12	19	16	13	19	6	7
4	Accountancy, MACC (#0445)	7	12	6	6	16	10	9
4	Biology, MS (#056)	41	33	27	27	38	11	-3
4	Public Health, MPH (#152)	63	57	55	47	59	12	-4
4	Special Education for Teacher Leaders: Learning and Behavioral Disorders, MAE (#0457)	19	20	20	23	39	16	20
4	Nursing Practice, DNP (#0011)	53	59	66	71	89	18	36
4	Organizational Leadership, MA (#0467)		66	190	277	297	20	
4	Speech-Language Pathology, MS (#0466)		68	132	147	171	24	
		2,629	2,565	2,780	2,579	2,465	-114	-164

Graduate Council Curriculum Committee
Agenda – February 1, 2018 Meeting

Minutes: January 11, 2018 – 1st/2nd: Dressler/Guffey – **Vote:** Approved

Voting Members: Kirk Atkinson, Chair, Richard Dressler, Kristie Guffey, Ann Ferrell, Cate Webb (Filling in for Chris Groves), Martha Day

Guest: Sylvia Gaiko, Danita Kelley, Eve Main, Merrall Price, Tiffany Robinson

COURSES

Graduate Curriculum Committee (4)			
Code	Title	Type	Approval Status
Bundle - 1st/2nd: Ferrell / Guffey **Discussion:** Strongly approved, Dressler/Guffey **Vote:** Approved			
SLP 504	SLP 504: Child Language Disorders	Action	Approved
SLP 506	SLP 506: Fluency Disorders	Action	Approved
Bundle – 1st/2nd: Dressler / Guffey **Discussion:** By reading 540 is 520 a prerequisite? **Vote:** Approved			
SRSC 520	SRSC 520: Community-based Methodologies	Action	Approved
SRSC 540	SRSC 540: Community-Building for Sustainability	Action	Approved

PROGRAMS

Graduate Curriculum Committee (5)			
Code	Title	Type	Approval Status
Bundle: 1st/2nd: Dressler/Guffey **Discussion:** Asked if they were teaching it out and answered yes, talked about demand **Vote:** Approved			
420	0420: Nurse Administrator, Post-MSN	Action	Approved
172	172: Nursing Education, Post-MSN	Action	Approved
480	0480: Emergency Nurse Practitioner	Action	Approved
1st / 2nd: Day / Guffey **Discussion:** Dr. Eve Main provided overview of rationale for deleting the three concentrations. **Vote:** Approved			
149	149: Nursing	Action	Approved
1st / 2nd: Day / Guffey **Discussion:** Dressler explained, Talked about accreditation and certification; graduate 75 students a year. Vote: Approved			
466	0466: Speech-Language Pathology	Action	Approved

Graduate Council

Graduate Student Research

Agenda—February 7th, 2018
WAB 208
2:00 p.m.

I.   Committee Briefings
        FYI: A friendly reminder that student research grants are capped at $3000.00 each

==AMOUNTS REQUESTED FUNDED FULLY UNLESS OTHERWISE NOTED==

II.   New Business

   A.   2:00 pm
        Brett Hodinka, Biology (Dr. Noah Ashley)

        Behavioral and Physiological Costs of Sleep Loss in Arctic- and Temperate-Breeding Passerine Birds

        Requesting $3,000.00

   B.   2:15 pm
        Dennis Hodzic, Biology (Dr. Michael Smith)

        Investigating How EF-24 and Cisplatin Effect Cancer, Renal, and Auditory Cells

        Requesting $3,000.00

   C.   2:30 pm
        Lauren McCaslin, Biology (Dr. Bruce Schulte)

        Documenting Marine Mammal Behavior and Evaluating the Benefits and Consequences of Viewing Marine Mammals in Southcentral Alaska

        Requesting $3,000.00

D. 2:45 pm
    Brigit Rooney, Biology (Dr. Bruce Schulte)

    Conservation Applications using the Landscape of Fear for African Elephants in Mosi-oa-Tunya National Park, Zambia

    Requesting $3,000.00

E. 3:00 pm
    Lora Haley Ashley, Communication (Dr. Jennifer Mize Smith)

    Faculty and Staff Giving

    Requesting: $700.00

F. 3:15 pm
    John Schroader, Psychological Sciences (Dr. Betsy Shoenfelt)

    Perceptions of Uncivil and Sexual Harassment Workplace Behaviors by Gender and Employment Status

    Requesting: $1,200.00

G. 3:30 pm
    David Haydon, English (Dr. Dale Rigby)

    On the Want of Symmetry

    Requesting: $1,100.00

H. 3:45 pm
    Nga Nguyen, Sociology (Dr. Steve Groce)

    Grandfamilies in Vietnam: Grandparents' Engagement in Grandchildren's Homework and Academic Performance at School

    Requesting: $2,600.00   Granted: $2129.46

I. 4:00 pm
    Joshua Smith, Biology (Dr. Michael Smith)

Investigating the Apoptotic Effect of Platinum-Based Amine Compounds with One Leaving Ligand on Zebrafish Auditory End Organs.

Requesting: $1,000.00

J. 4:15 pm
    Chelsey Kipper, Geography and Geology (Dr. Pat Kambesis)

    A Geochemical Comparison of Two Telogenetic Karst Springs during Reverse Flow, Mammoth Cave, Kentucky

    Requesting: $ 3,000.00

K. 4:30 pm
    Jason Fox, Geography and Geology (Dr. Leslie North)

    Assessment of Tourism Development Impacts on Arctic Coastal Landscapes using an Indexing Approach

    Requesting: $ 2,000.00

L. 4:45 pm
    Fernando Hernandez, Geography and Geology (Dr. Jason Polk)

    Geochemical Responses to Seasonal Changes and Storm Events on Telogenetic Karst in the Caney Fork River, Cumberland Plateau, Tennessee.

    Requesting: $2,935.00   Granted: $2960