

THE UNIVERSITY OF WYOMING

BOARD OF TRUSTEES' REPORT
SUPPLEMENTAL MATERIALS

January 23-25, 2019

The final supplemental report can be found on the University of Wyoming Board of Trustees Website at
<http://www.uwyo.edu/trustees/>

TRUSTEES OF THE UNIVERSITY OF WYOMING AGENDA

January 23-25, 2019

SUPPLEMENTAL MATERIALS

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- I. Consideration and Action: Approval of Agreements, Contracts and Procurements – Evans [*Materials provided in advance via the executive session materials*]
- II. Consideration and Action: Contracts and Grants – Synakowski 98
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AGENDA ITEM TITLE: Academic School Year Calendar Update, Kate Miller

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2018-19 Calendar Committee Membership

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MEMORANDUM

To: University of Wyoming Academic Calendar Committee
From: Kate C. Miller, Provost and Vice President for Academic Affairs
Subject: Charge to the Committee
Date: October 18, 2018

Thank you for agreeing to serve on the UW calendar committee and taking on the task of setting the academic schedule for the years 2020-21 to 2025-2026. The membership of this committee was intentionally chosen to represent a wide range of stakeholders from within UW and without. I appreciate your willingness to serve.

The academic calendar is a surprisingly important feature of a well-functioning University. The dates on which the fall and spring semesters begin, and end, the choice of spring break week, and the length of the winter break affect our community and our students' success in many and varied ways. For example:

- A UW academic calendar that is compatible with that of the public schools helps faculty, staff, and students with school age- children as well as those whose partners work in the schools.
- A number of UW students are also enrolled in courses at LCCC or other community colleges. A compatible calendar for UW, LCCC and other post-secondary institutions in Wyoming simplifies their schedules considerably.
- UW faculty members and students are increasingly interested in participating in courses over the winter break. Thus, having a sufficient span of time from December 26 to the start of the spring term to schedule courses is important.
- Many UW students take summer internships or jobs that are important to their professional development and employment prospects after graduation. The date at which the fall semester begins affects students' ability to take optimal advantage of these kinds of opportunities.
- Overly long breaks between semesters or in the summer has an adverse effect on retention. For example, students, who take jobs during these breaks are at significant risk of not returning.
- UW's is committed to sustainability and responsible use of energy. Schedules that allow energy savings are preferable, other considerations being equal.

I ask the committee to undertake the following tasks:

1. *Review and amend the proposed list of principles that accompanies this memo*

as appropriate. In addition to the proposed principles, the committee will be provided with a sample calendar that exemplifies these principles. On completing your deliberations, provide the amended list to me for review and approval.

2. *Consult with a wide-range of stakeholders.* The committee should compile a list of stakeholders both within and outside of UW, and develop a process for consulting with these stakeholders to gather suggestions and other input.
3. *Produce a set of recommended academic year calendars for each of the six academic years from 2020-2021 to 2025-2026.* To facilitate this process, my office will provide a template for developing these calendars.

Please produce at least one recommended calendar for each of the years 2020-2021 to 2025-2026. You may also provide more than one proposed academic calendar for any or all of these years if you wish. If you do so, please indicate in your report which alternative is preferred and why.

4. *Complete these tasks and submit a report to me by March 1, 2019.* I plan to seek approval of the calendar by the Board of Trustees at its March meeting.

Calendar Principles

- There should be a minimum of 70 instructional days each semester.
- There should normally be a minimum of 15 instructional weeks for classes, with a minimum of 14 class days for each day of the week.
- Classes should start on a Monday
- The final examination period should be 5 days.
- MLK/Equality Day is a UW administrative holiday in January.¹
- Academic calendars for the College of Law are developed subsequent to the university academic calendar to accommodate College accreditation requirements.

Desirable Calendar Features

- A full 5-day week of instruction should be provided whenever possible.
- Winter Break should be limited to 3 weeks in order to strike a balance between being able to offer courses and minimizing student attrition.
- Spring Break should be scheduled to coincide with the Albany County School District when possible.
- Advising Week will be scheduled no later than the second full instructional week after the mid semester date.
- To the extent possible, the University and the Wyoming community colleges should work towards establishing compatible calendars for post-secondary education in Wyoming. Coordination with LCCC Albany County Campus is a priority. UW-C may wish to follow the academic calendar of Casper College.
- A minimum of two weeks of class time should occur after the Thanksgiving break.

¹ Official holidays for the State of Wyoming are as follows:

New Year's Day	January 1st
Martin Luther King Jr. Day	Third Monday in January
President's Day	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	July 4th
Labor Day	First Monday in September
Veterans Day	November 11th
Thanksgiving	Fourth Thursday in November
Christmas	December 25th

AGENDA ITEM TITLE: Fee Book Discussion, McKinley/Theobald/Jewell

Number	FY19 Page Number	Department/Unit/College	Request Description	FY 2019 Fee	Proposed Fee for FY 20	% Increase	Revenue (increase or decrease)
Mandatory Student Fee Requests							
1	11	ASUW	Increase portion of mandatory student fee for ASUW to cover raises and student/staff development. ASUW resolution supports the increase.				
			Full-time ASUW fee	\$ 43.19	\$ 45.69	5.79%	~\$23,500
			Part-time ASUW fee increase 1-3 credits	\$ 7.10	\$ 7.51	5.77%	
2		Division of Student Affairs	3% increase in Consolidated student services fee to cover salary changes that were mandated by the decrease in the number of calendars due to the implementation of HCM. New position and operational dollars to support the increasing diversity efforts.				
	11		Full-time consolidated student services fee increase	\$ 360.28	\$ 371.09	3.00%	~\$202,122
	11		Part time consolidated student services fee increase 1-3 credit hours	\$ 23.08	\$ 23.77	2.99%	
	11		Part time consolidated student services fee increase 4 credit hours	\$ 171.30	\$ 176.44	3.00%	
	13		Optional Student Fee package - consolidated student services portion	\$ 188.98	\$ 194.65	3.00%	
	16		Summer mandatory fee, flat rate	\$ 133.05	\$ 137.04	3.00%	
	16		Summer mandatory fee, per credit	\$ 17.92	\$ 18.46	3.01%	
3	11	Transit & Parking Services	Increase Transit fee on the mandatory student fee by \$2.37. The total increase in revenue of \$148,752 will be from an increase to the mandatory student fee and permit fees (see request #14). The increase in revenue will support the increased salaries and benefits for full-time employees.	\$ 53.96	\$ 56.33	4.39%	~\$149,000
Other Student Fee Request							
4		Residence Life & Dining	2% increase in Apartment rents to cover maintenance and repairs. The increase will also help support renovations. No increase in past 3 years.				
	56		Landmark Village	\$ 793.00	\$ 809.00	2.02%	~\$41,622
	56		Landmark ADA	\$ 757.00	\$ 772.00	1.98%	
	56		River Village 2-bedroom	\$ 952.00	\$ 971.00	2.00%	
	56		River Village 3-bedroom	\$ 1,064.00	\$ 1,085.00	1.97%	
	56		Shared - 2 bedroom lease (New lease option)	\$	\$ 509.00		
	56		Spanish Walk - one bedroom	\$ 735.00	\$ 750.00	2.04%	
			2.67% increase (average) in meal plans with change in meal plans offered. Increase and change of meal plans will meet the increased cost of food and supplies while handling maintenance expenses and equipment replacement when needed.				
	52		Unlimited access plan (\$75 Dining Dollars)	\$ 2,913.00	\$ 2,972.00	2.03%	~\$208,929
	52		Any 15 access plan (\$100 Dining Dollars)	\$ 2,514.00	\$ 2,590.00	3.02%	
	52		Any 12 access plan (\$125 Dining Dollars)	\$ 2,238.00	\$ 2,305.00	2.99%	
	52		Block 280 Meals (\$75 Dining Dollars) - replaces any 9 access plan from FY19	\$	\$ 2,795.00		
	52		Block 210 Meals (\$290 Dining Dollars) each semester - replaces any 7 access plan from FY19	\$	\$ 2,550.00		
	52		Block Plans (per unit) - 25 Lunches	\$ 290.67	\$ 250.00	-13.99%	
	52		Block Plans (per unit) - 50 Lunches (in FY19 it was 60 lunches)	\$ 677.12	\$ 475.00	-29.85%	
	52		50 Any Meal (\$75 Dining Dollars) - new option in FY20	\$	\$ 672.50		
	52		85 Any Meal (\$100 Dining Dollars) - replaces 60 any meals in FY19	\$	\$ 1,087.50		
	52		165 Any Meal (\$150 Dining Dollars) - replaces 25 any meals in FY19	\$	\$ 2,047.50		
5	55	Residence Life & Dining	Change the \$100 housing deposit to a non-refundable charge that is part of the \$300 enrollment deposit. For students living on campus, the other \$200 will be applied to the student's tuition and fees. For students living off campus, the full \$300 will be applied to the student's account. Historically, returning the \$100 deposit after the semester is a labor intensive process. The non-refundable deposit will support the processing of contracts submitted, as well as a leadership position within the division.	\$ 100.00	\$ 100.00	0.00%	~\$135,000
e	41	International Students and Scholars	Increase the international student fee to enhance retention and recruitment of international students	\$ 40.00	\$ 75.00	87.50%	~\$70,000
			Fall and spring semesters	\$ 40.00	\$ 75.00	87.50%	
			Summer semester	\$ 30.00	\$ 55.00	83.33%	

7	48	Student Financial Services	Increase payment extension fee to \$50 per semester to cover the increasing costs of the university e-commerce solution. The increase will align UW with peers. This fee is only charged to students that need additional time to pay their semester fees and are unwilling to schedule payments within the system.	\$ 15.00	\$ 50.00	233.33%	~\$150,000
8	13 & 20	Student Financial Services	Change the Institutional Refund policy to promote student success and completion, discourage late semester withdrawals	FY 19 Refund Percent	FY 20 Refund Percent		
			Before semester and class day 1 - 8	100%	100%		
			Semester class day 9-15	80%	75%		
			Semester class day 16-20	70%	50%		
			Semester class day 21-25	60%	25%		
			Semester class day 26-30	50%	0%		
			Semester class day 31-35	40%	0%		
			Semester class day 36+	0%	0%		
9	N/A	Modern Classical Languages	Continue including credit by exam charges for Modern and Classical Languages. This charge allows students to test out of class. This charge was erroneously removed in the FY19 fee book.	\$ 80.00	\$ 80.00	0.00%	
10	N/A	School of Politics, Public Affairs	Reinstate Political Science Challenge Exams into Fee Book. The money goes towards materials and personnel costs to run, grade, and post the exam results. This charge was erroneously removed in the FY19 fee book.	\$ 80.00	\$ 80.00	0.00%	
11	N/A	Doctor of Nursing Practice	Implement a \$500 non-refundable, seat deposit for all newly admitted, first year students. The deposit would be applied toward the students tuition and fees during their first semester.	\$	\$ 500.00		Minimal
12	19	CAE	Increase entrepreneurial rate for the Land Surveying Program to \$325.00/credit. Last increase was 2015	\$ 305.00	\$ 325.00	6.56%	Minimal
13	47	Office of the Registrar	Increase the certificate diploma from \$12.50 to \$25.00 to match the charge of a diploma	\$ 12.50	\$ 25.00	100.00%	Minimal
Other Fee Book Requests							
14		Transit & Parking Services	Increase parking permit charges. The total increase in revenue of \$148,752 will be from an increase to the mandatory student fee and permit fees (see request #3). The increase in revenue will support the increased salaries and benefits for full-time employees.				
	58		Increase Faculty/Staff Parking Permits (A & D) - Annual	\$ 196.00	\$ 210.00	7.14%	
	58		Increase Faculty/Staff Parking Permits (A & D) - Semester (fall or spring)	\$ 98.00	\$ 105.00	7.14%	
	58		Increase Faculty/Staff Parking Permits (A & D) - Monthly	\$ 16.33	\$ 17.50	7.16%	
	58		Increase Resident Student Parking Permits (E & D) - Annual	\$ 130.50	\$ 163.00	24.90%	
	58		Increase Resident Student Parking Permits (E & D) - Semester (fall or spring)	\$ 65.25	\$ 81.50	24.90%	
	58		Increase Resident Student Parking Permits (E & D) - Summer per month	\$ 10.88	\$ 12.08	11.03%	
	58		Increase Commuter Student Parking Permits (C & D) - Annual	\$ 130.50	\$ 145.00	11.11%	
	58		Increase Commuter Student Parking Permits (C & D) - Semester (fall or spring)	\$ 65.25	\$ 72.50	11.11%	
	58		Increase Commuter Student Parking Permits (C & D) - Summer per month	\$ 10.88	\$ 12.08	11.03%	
	58		Increase Motorcycle Parking Permits (M) - Annual	\$ 22.00	\$ 25.00	13.64%	
	58		Increase Motorcycle Parking Permits (M) - Semester (fall or spring)	\$ 11.00	\$ 12.50	13.64%	
	58		Increase Motorcycle Parking Permits (M) - Summer per month	\$ 11.00	\$ 12.50	13.64%	
	59		Increase Temporary Disability Permits (TD) - Resident Students (per month)	\$ 10.88	\$ 13.58	24.82%	
	59		Increase Temporary Disability Permits (TD) - Commuter Students (per month)	\$ 10.88	\$ 12.08	11.03%	
	59		Increase Temporary Disability Permits (TD) - Faculty/Staff (per month)	\$ 16.33	\$ 17.50	7.16%	
	59		Increase Vendor and Contractor Parking Permits (V & CO) - Annual	\$ 288.00	\$ 321.00	11.46%	
	59		Increase Vendor and Contractor Parking Permits (V & CO) - Semester (fall or spring)	\$ 144.00	\$ 160.50	11.46%	
	59		Increase Vendor and Contractor Parking Permits (V & CO) - Monthly	\$ 24.00	\$ 26.75	11.46%	
	59		Increase University Service Vehicles (U) - Annual	\$ 196.00	\$ 218.00	11.22%	
	59		Increase non-University Service Vehicles (U) - Annual	\$ 288.00	\$ 321.00	11.46%	
15	N/A	Wyoming Union	Add a lost key charge for campus organizations that do not return the checked out room keys. Departments will be responsible for the cost, charged by University Operations, to replace the key or re-key the door.		Replacement cost		Minimal

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16	College of Engineering - Dean's Office	Update fee book to include new equipment and increase cost per hour of Lathe. Requests will help cover costs of equipment and repairs						
	77	Include "Press Brake" to the description of engineering shop equipment. New piece of equipment	\$ -	\$ 60.00			~\$3,000	
	77	Increase Haas TL-2 CNC Lathe per hour charge to cover equipment costs and repairs	\$ 60.00	\$ 80.00		33.33%	~\$2,000	
17	Early Care and Education Center	Increase tuition rate for EC/EC infant, toddler, and preschool (\$1.50/day) and school-age programs (\$1/day). Increase will address salary increases that were made based on mandated lead teacher calendar changes and raises for lead teachers.						
	79	Infants (Full day), per day	\$ 54.50	\$ 56.00		2.75%	~\$45,357	
	79	Toddlers (Full day), per day	\$ 47.50	\$ 49.00		3.16%		
	79	Preschoolers (Full day), per day	\$ 45.50	\$ 47.00		3.30%		
	79	School-age Children (after school program)	\$ 21.00	\$ 22.00		4.76%		
	79	School-age Children - Full day public school closures	\$ 40.00	\$ 41.00		2.50%		
	79	School-age Children - Half day public school closures	\$ 25.00	\$ 26.00		4.00%		
18	Fleet Services	The proposed changes below are an effort to right-size the fleet rental rates and create a more transparent charging structure						
18	Fleet Services	Addition of new vehicle categories: Compact pickup and Mini-cargo van. Moved 1 ton-Pickup to own category						
	N/A	Small Pickup - 1/2 day	\$ -	\$ 55.00				
	N/A	Small Pickup - Daily	\$ -	\$ 74.00				
	N/A	Small Pickup - Weekly	\$ -	\$ 333.00				
	N/A	Small Pickup - Seasonal (1-6 months)	\$ -	\$ 445.00				
	N/A	Small Pickup - Permanently assigned (1 year or longer)	\$ -	\$ 445.00				
	N/A	Mini Cargo Van - 1/2 day	\$ -	\$ 34.00				
	N/A	Mini Cargo Van - Daily	\$ -	\$ 46.00				
	N/A	Mini Cargo Van - Weekly	\$ -	\$ 215.00				
	N/A	Mini Cargo Van - Seasonal (1-6 months)	\$ -	\$ 287.00				
	N/A	Mini Cargo Van - Permanently assigned (1 year or longer)	\$ -	\$ 287.00				
	N/A	1 Ton 4x4 Pickup - 1/2 day	\$ -	\$ 72.00				
	N/A	1 Ton 4x4 Pickup - Daily	\$ -	\$ 97.00				
	N/A	1 Ton 4x4 Pickup - Weekly	\$ -	\$ 509.00				
	N/A	1 Ton 4x4 Pickup - Seasonal (1-6 months)	\$ -	\$ 580.00				
	N/A	1 Ton 4x4 Pickup - Permanently assigned (1 year or longer)	\$ -	\$ 580.00				
		Increased 1/2 day, daily, and weekly rates by approx. 5% in all categories to cover salary increases, vehicle depreciation/replacement and service/maintenance. Note: weekly rates remain the same.						
	50	Full-size Sedan - 1/2 day	\$ 24.00	\$ 39.00		62.50%	~\$30,000	
	50	Full-size Sedan - Daily	\$ 49.00	\$ 52.00		6.12%		
	50	Minivan - 1/2 day	\$ 29.00	\$ 46.00		58.62%		
	50	Minivan - Daily	\$ 59.00	\$ 62.00		5.08%		
	50	Minivan - Weekly	\$ 320.00	\$ 303.00		-5.31%		
	50	Standard Crossover Utilities - 1/2 Day	\$ 29.00	\$ 48.00		65.52%		
	50	Standard Crossover Utilities - Daily	\$ 59.00	\$ 65.00		10.17%		
	50	1/2 Ton 4x4 Pickup - 1/2 Day	\$ 35.00	\$ 60.00		71.43%		
	50	1/2 Ton 4x4 Pickup - Daily	\$ 75.00	\$ 80.00		6.67%		
	50	3/4 Ton 4x4 Pickup - 1/2 Day	\$ 41.00	\$ 64.00		56.10%		
	50	3/4 Ton 4x4 Pickup - Daily	\$ 82.00	\$ 86.00		4.88%		
	50	Full Size SUV - 1/2 Day	\$ 41.00	\$ 64.00		56.10%		
	50	Full Size SUV - Daily	\$ 82.00	\$ 86.00		4.88%		
	50	12 Passenger van - 1/2 Day	\$ 46.00	\$ 72.00		56.52%		
	50	12 Passenger van - Daily	\$ 92.00	\$ 96.00		4.35%		
		Reduced Seasonal and Permanently assigned rates in all categories to reflect actual rate charges						
	50	Full-size Sedan - Seasonal (1-6 months)	\$ 767.00	\$ 384.00		-49.93%		
	50	Full-size Sedan - Permanently Assigned (1 year or longer)	\$ 693.00	\$ 384.00		-43.78%		
	50	Minivan - Seasonal (1-6 months)	\$ 1,040.00	\$ 320.00		-69.23%		
	50	Minivan - Permanently Assigned (1 year or longer)	\$ 950.00	\$ 320.00		-66.32%		
	50	Standard Crossover Utilities - Seasonal (1-6 months)	\$ 1,040.00	\$ 536.00		-48.46%		
	50	Standard Crossover Utilities - Permanently assigned (1 year or longer)	\$ 874.00	\$ 536.00		-38.67%		
	50	1/2 Ton 4x4 Pickup - Seasonal (1-6 months)	\$ 1,176.00	\$ 480.00		-59.18%		
	50	1/2 Ton 4x4 Pickup - Permanently assigned (1 year or longer)	\$ 823.00	\$ 480.00		-41.68%		
	50	3/4 Ton 4x4 Pickup - Seasonal (1-6 months)	\$ 1,673.00	\$ 548.00		-67.24%		
	50	3/4 Ton 4x4 Pickup - Seasonal (1-6 months)	\$ 1,024.00	\$ 548.00		-46.48%		

	50		Full Size SUV - Seasonal (1-6 months)	\$ 1,673.00	\$	432.00		-74.18%
	50		Full Size SUV - Permanently assigned (1 year or longer)	\$ 1,025.00	\$	432.00		-57.85%
	50		12 Passenger Van - Seasonal (1-6 months)	\$ 1,442.00	\$	863.00		-40.15%
	50		12 Passenger Van - Permanently assigned (1 year or longer)	\$ 1,009.00	\$	-		-100.00%
	51		Adjustments to cleaning fee section, updated wording to include *or the total cost of the bill if taken to an outside detail shop*	\$ 50.00	\$	150.00		200.00%
	50		Added toll statement to fleet rentals	N/A		N/A		
	50		Added 'Crossover' to standard utility description and 'Enclosed' to Cargo Trailer descriptions	N/A		N/A		
19	N/A	Institutional Marketing	Create a web designer position in Institutional Marketing that will be funded by fees assessed to units around campus. This position will meet the demand of campus to overhaul department websites.					
			Hourly Rate	\$	\$	70.00		
			Weekly Rate	\$	\$	2,500.00		
			Monthly Rate for projects lasting 1-2 months	\$	\$	9,000.00		
			Monthly Rate for projects lasting over 2 months	\$	\$	8,000.00		
20	N/A	Information Technology	Add 3D printing - cost per hour, 1/2 hour minimum - \$1.50/hour. New service provided by IT. The charge is to reflect the cost of providing 3D materials	\$	\$	1.50		Minimal
21		WyoOne ID	Consolidate 3 lines under 'ID Card' and increase the charge for IDs based on recommendation by Rimrock. Increase in fee is necessary to help fund the employee cost to manage touchless or proximity type card campus wide					
	51		Student Card (1st card and exchanging expired) - Undergraduate, Graduate, and Professional	\$		FREE		
	51		Faculty/Staff/Appointed/Cooperating Agency card (1st card only)	\$		FREE		
	51		Dependent/Spouse Card for UW employees, students, appointed employees, and cooperating agencies	\$ 10.00	\$	25.00		150.00%
	52		Replacement card - due to user damage, loss, stolen, or confiscated	\$ 20.00	\$	25.00		25.00%
22		WyoOne ID	Updates to the Other Services Section, specifically passport photos. Equipment was updated in FY19 which gave the ability to create digital passport photos. Request below reflect change in equipment and update descriptions					
	52		Update 1st set of two photos printed on glossy paper	\$ 14.00	\$	14.00		0.00%
	52		Update - Additional set of printed photos (sets of 2)	\$	\$	7.50		
	52		Add - 1 set of 2 printed photos plus digital copy emailed	\$	\$	20.00		
	52		Remove charge for 3rd and additional set of Passport photos	\$ 5.00	\$	-		-100.00%
23		UW Stable Isotope Facility	Update UWSIF analytical fees to apply current overhead charges to analytical fees for Campus and External users. Charges range from \$6.50 to \$16.60					Minimal
Fee Book edits, deletions, and formatting change requests								
23	93	Student Media	Delete the Student Media advertising and product rates - page 93. These fees are set by the Student Media board, which is referenced on page 7 of the Fee Book					
24		Advising, Career and Exploratory Studies	Delete the Educational Placement fees. No longer charged for this service					
	35		Delete Fax transmittal of file	\$ 10.00	\$	-		-100.00%
	35		Delete Mail transmittal of file	\$ 5.00	\$	-		-100.00%
25	48	Student Financial Services	Delete information and research charge. No longer utilized	\$ 10.00	\$	-		-100.00%
26	51	WyoOne ID	Wording changes to the 'Badges' section to reflect more accurate descriptions					
27	36-37	Information Technology	Delete lines indicating charges for upgrade to Cisco Gigabit phone set, data port activation and data port					
28		Information Technology	Correct telecom labor charges. Charges were approved for the Fee Book in 2016 but are not reflected in FY 19 Fee Book					
	36		Correct Telecom Labor charge	\$ 40.00	\$	45.00		
	36		Correct VoIP activation charge	\$ 195.00	\$	200.00		
	37		Correct Exchange Unified Messaging Voicemail charge	\$ 6.50	\$	6.80		
29	38	Information Technology	Update links to IT website fee information, currently links are incorrect					

30	39	Information Technology	Adding language under Miscellaneous services to departments for Fraternity/Sorority computer, hourly rate for network install, config, and maintenance				
31	38-39	Information Technology	Correct format issue in the current fee book to align with charges				
32	41	Information Technology	Add "Zoom" to description of mobile recording options				
33		Wyoming Union	Delete table tennis and billiard use fee. The Wyoming Union wants to encourage students to utilize these services without a cost.				
	64		1 Player	\$	3.25	\$	-
	64		2 Players	\$	5.25	\$	-
	64		3 Players	\$	6.25	\$	-
	64		4 Players and up	\$	7.25	\$	-
	64		Semester Membership	\$	60.00	\$	-

AGENDA ITEM TITLE: No More Initiative Strategic Plan Update, Blackburn



No More Initiative Strategic Plan 2018-2023

In February 2018, the UW No More Initiative opened the 2018 climate survey for all UW students to complete. The survey purpose was to provide a snapshot of the current state of sexual misconduct at UW, including rates of victimization, the pervasiveness of attitudes and beliefs that can lead to sexual misconduct, and student awareness of and trust in existing reporting processes and resources.

In June 2018, the research team, consisting of Dr. Matt Gray, faculty in Psychology, and several graduate students under Dr. Gray's supervision, provided an initial report of the findings. In summary, the survey revealed that UW is no better or worse than other institutions of higher education, or national averages, when it comes to rates of victimization. The survey also revealed that there are specific beliefs and attitudes that violence prevention educators at UW need to target. And finally, the survey indicated that students are limited in their knowledge of reporting options and mechanisms, and of the resources available to students who have experienced some type of sexual misconduct. The survey data also provides the groundwork for the No More Initiative to develop a 5 year strategic plan in alignment with the University of Wyoming's Strategic Plan, *Breaking Through*.

In July 2018, a subcommittee of the No More Initiative consisting of key stakeholders met to discuss the survey findings and develop a response plan moving forward. As outlined below, the subcommittee identified five key priority areas with recommendations for addressing each area. These priority areas are referenced throughout this strategic plan.

A. Addressing barriers to reporting

The survey revealed a disappointingly low reporting rate. We recognize that while reporting should be the victim's decision, UW and law enforcement cannot take any action on incidents that are not reported.

B. Building comprehensive education and training

Several indicators in the survey identified the need for additional education and training for UW students. We believe there is an opportunity here to both provide additional educational opportunities to students that should reduce the overall incidence of violence, as well as increase opportunities for students to engage in healthy activities and organizations, which has a positive impact on overall student retention.

C. Improving knowledge of, and access to, campus and community resources

The survey indicated a lack of knowledge about available resources, both on and off campus, as well as limited access to and use of certain resources.

D. Engaging men in prevention and supporting male-identified survivors

The survey revealed that male-identified students both don't feel the same ownership and community responsibility towards sexual violence prevention as the general student population, and also feel more vulnerable and less supported when they experience sexual misconduct.

E. Addressing the link between alcohol and sexual violence

Alcohol serves as both the most common "date rape" drug, as well as a relatively easy to access method for self-medication after a traumatic event.

<h1 style="margin: 0;">GOAL 1</h1> <p style="margin: 10px 0 0 0;">Driving Excellence</p>	<i>Join together as an intellectual community already renowned for its regional, national and global relevance and impact by fostering and rewarding excellence in teaching, scholarship, innovation and creative endeavor.</i>

1. Regular self-assessment and transparency of outcomes

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Completion Year</u>
Implementing the same climate survey in the Spring 2021 semester and every two years thereafter. Utilizing the same survey on a regular basis will provide an opportunity to benchmark sexual misconduct prevention efforts over time.	1 complete survey (2018)	3 complete surveys	Student Affairs/EORR	5
Complete a 360 review process for more detailed assessment and recommendations moving forward. The WICHE Mental Health Program ¹ offers a 360 review process that would assess UW's current status of sexual misconduct response and prevention, and provide recommendations in a variety of areas.	Inception	Completion	EORR/Student Affairs	2

¹ <https://www.wiche.edu/mentalhealth>

<h1 style="margin: 0;">GOAL 2</h1> <p style="margin: 10px 0 0 0;">Inspiring Students</p>	<i>Inspire students to pursue a productive, engaged and fulfilling life and prepare them to succeed in a sustainable global economy.</i>

1. Build a sense of responsibility for male students to engage in prevention activities

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Promoting Step Up! Bystander Intervention training with male student groups			AWARE	D	1
Explore integrating the existing Women's Resource Center into a Gender Resource Center, with the capacity to house primary prevention and healthy masculinity programming (or combine the Women's Resource Center and the Rainbow Resource Center into a Gender & Sexuality Resource Center)	Women's Resource Center	Gender Resource Center (name TBD)	DOS / Chief Diversity Officer	B, D	2
Explore implementing the Coaching Boys Into Men ² curriculum (or similar) with male athletics teams	Inception	Adoption by all male teams	Athletics	D	3

² <http://www.coachescorner.org/>

Developing a men's mentorship program and/or leadership program focusing on healthy masculinity ^{3,4}	Inception	Establishment	DOS	B, D	5
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³ University of Virginia Men's Leadership Project <http://womenscenter.virginia.edu/mens-leadership-project>
⁴ Arizona State University Man Up and Respect Movement <http://www.respectmovement.org/>

2. Increase student knowledge and application of personal strategies for positive community impact

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Broadening existing Step Up! Bystander Intervention training by implementing the Escalation workshop trainings under the Step Up! umbrella	Inception	2 workshops per semester	AWARE/Stop Violence	B	1
Develop additional tracking mechanism for self-reported interventions connected to Step Up! Bystander Intervention training	Inception	Maintenance	AWARE & Stop Violence	B	3
Broadening existing Step Up! Bystander Intervention training by building in a follow up/booster training session and/or campaign	Inception	Maintenance	AWARE	B	3
Apply for a coalition grant to send UW staff to train on Green Dot curriculum, and house Green Dot underneath the Step Up! umbrella	0 UW staff trainers	5 UW staff trainers	Stop Violence	B	3
Develop additional topic-based programming for students such as how to support a friend who has experienced sexual misconduct and what a student needs to know about domestic violence.	Inception	Establishment	SAFE Project	B	1
Implementing additional programming for campus-based students including "Love Week," a week of healthy sexuality and healthy relationship programming in February	Inception	Establishment	STOP/Wellness Center	B	2

Implementing additional programming for students including displaying the Clothesline Project ⁵ on the REPORT IT Website	Inception	Maintenance	Stop Violence/EORR	B	1
Organizing a Student Town Hall in Fall 2018 to elicit student input on climate survey results	Inception	Completion	EORR/Student Affairs	B	1
Continuing the "Safe Poke Patrol" program at UW football games		Presence at all home football games	Wellness Center	E	1-5
Developing interactive activities encouraging students to locate a variety of campus resources as a part of Cowboy Connect and/or for credit in a First Year Seminar	Inception	Regularly scheduled activity for new students	DOS	C	2

⁵ <http://clotheslineproject.info/>

<h1 style="margin: 0;">GOAL 3</h1> <h2 style="margin: 10px 0 0 0;">Impacting Communities</h2>	<i>Improve and enhance the health and well-being of our communities and environments through outreach programs and in collaboration with our constituents and partners.</i>

1. Increase capacity for mental health treatment and diagnostic services for student victims of sexual violence

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Including trauma specialization as a preferred qualification in future University Counseling Center position advertisements	Inception	Completion	University Counseling Center	C	1
Exploring and supporting opportunities for UCC staff to become certified or maintain certification in trauma-specific mental health treatments	Inception	Biannual training	University Counseling Center	C	2
Increasing client capacity of the Trauma Treatment Clinic in the UW Psychology Department and within the University Counseling Center	5 GA clinicians	Increased capacity	Psychology Department	C	3
Developing low cost, quick turnaround diagnostic services for students who are applying to Disability Support Services for PTSD and other trauma-related conditions.			DOS - Disability Support Services	C	2

2. Building capacity of existing resources to address and support student safety

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Continue the relationship with SAFE Project on campus with expanded training and programs	1 campus advocate	Additional training/programs	DOS	C	1-5
Evaluating and supporting medical resources for sexual misconduct survivors through Student Health Services	Inception		Student Health Services	C	2
Increase trainings for Student Health Services staff on domestic violence screening tools	Inception	Biannual Training	Student Health Services	C	2
Continuing to support and advertise the UW Law School Family and Child Advocacy Clinic			College of Law	C	1-5

3. Increase use of reporting and support services by male and gender non-conforming/nonbinary victims

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Specifically including male survivor statistics in outreach and education efforts	Current curriculum	Updated curriculum	Stop Violence	D	1
Creating male-specific support page on Stop Violence website	Current website	Updated website	Stop Violence	D	1
Maintain gender-neutral and inclusive branding for all support and reporting resources	On-going		EORR	D	2

Collaborate on the development of resources that reduce stigma for men accessing general mental and physical health resources ^{6,7}	Inception		Wellness Center	D	3
Engaging in male-centric survivor awareness campaigns ⁸	Inception		Stop Violence	D	2

4. Increasing student and staff knowledge of linkages between alcohol and sexual violence

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Explore submitting an application for the NCAA Choices Grant ⁹ to support the partnership of Athletics with other campus departments in the development and implementation of effective alcohol education projects.	Inception	Grant submission	Athletics	E	3
Emphasizing the relationship between alcohol and consent in relevant student workshops and programs, including Step Up! and AWARE	Current curriculum	Updated curriculum	Stop Violence/AWARE/EORR	E	1
Review the AWARE program referral process for students who disclose sexual misconduct	Existing referral protocol	Updated referral protocol	AWARE	E	1

⁶ Man Therapy, <http://www.mantherapy.org/>

⁷ Movember, <https://us.movember.com/>

⁸ 1BlueString, <https://1bluestring.org/>

⁹ <http://www.ncaa.org/sport-science-institute/ncaa-choices-grant>

victimization in the course of completing the AWARE curriculum					
Building the relationship between UW and the City of Laramie, especially as it relates to off-campus alcohol enforcement and policy	MOU with LPD	MOUs with LPD, ACAO, ACSO, and City of Laramie	DOS/EORR	E	1-5
Deliver awareness and prevention presentations to committees and departments.	Current training	Annual training on updated curriculum	DOS/EORR	E	2

5. Increase student exposure to existing UW and community resources for victims

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Reviewing existing information on relevant websites for clarity, transparency, and ease of discovery	Existing web content & design	Updated web content & design	EORR	C	2
Working with Information Technology to promote relevant campus resources when a user searches the UW website using terms related to sexual misconduct.	Existing search results	Updated search results	EORR	C	2
Developing print and social media marketing campaigns explaining the services offered by a variety of campus resources	Inception	Regular distribution	EORR/DOS	C	1
Increase training for likely first points of contact (faculty and staff) on available campus and community resources, including targeted	Inception	Annual Training	EORR/DOS	C	2

training for staff overseeing at-risk groups (e.g., ROTC, FSL, Athletics, RLDS)					
Create/update awareness videos with current UW representatives	Current videos	Regular updates	EORR/Marketing	C	1, 3, 5
Collaborate with Institutional Marketing to ensure campaign designs are effective and consistent with UW branding standards			EORR	C	5
Review the list of confidential resources at UW.			EORR and Student Affairs	C	3

<h1 style="margin: 0;">GOAL 4</h1> <p style="margin: 10px 0 0 0;">A High-Performing University</p>	<i>Assure the long-term strength and stability of the university by preserving, caring for and developing human, intellectual, financial, structural and marketing resources.</i>

1. Include sexual violence prevention and response as an enrollment management consideration

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Provide sexual misconduct prevention and response information to Enrollment Management. There is a growing body of research linking sexual misconduct victimization to poor academic outcomes and negative impacts on student retention and persistence. ^{10,11,12}		Sexual misconduct prevention included in strategic enrollment management	Academic Affairs – Enrollment Management		3

¹⁰ Jordan, C. E., Combs, J. L., & Smith, G. T. (2014). An Exploration of Sexual Victimization and Academic Performance Among College Women. *Trauma, Violence, & Abuse*, 15(3), 191-200. <https://doi.org/10.1177/1524838014520637>

¹¹ Banyard, V. L., Demers, J. M., Cohn, E. S., Edwards, K. M., Moynihan, M. M., Walsh, W. A., & Ward, S. K. (2017). Academic Correlates of Unwanted Sexual Contact, Intercourse, Stalking, and Intimate Partner Violence: An Understudied but Important Consequence for College Students. *Journal of Interpersonal Violence*, online. <https://doi.org/10.1177/0886260517715022>

¹² <https://www.research.net/r/SATransferCalculator>

2. Increasing student knowledge of and willingness to file reports of sexual misconduct

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Continuing to promote the ReportIt website as UW's primary sexual misconduct reporting portal		Maintenance	EORR	A	1-5
Building relationships with Laramie Police Department, Albany County Sheriff's Office, and Albany County Attorney's Office to ensure UW awareness of off-campus incidents	MOU with LPD	MOUs with LPD, ACAO, and ACSO	DOS	A	2
Providing outreach and education to students on what occurs after a report is made and increasing the transparency of the investigation and adjudication process			DOS/EORR	A	1
Implementing a brief assessment for students to fill out at the completion of the investigative process (and adjudication, if it occurs) to identify challenges within the process	No assessment	Online assessment available and promoted	DOS/EORR	A	1
Broadening marketing of the Report It website through passive campaigns and materials, and targeted outreach to new students			EORR	A	1

Developing and implementing a visual identification system (e.g., door stickers, email and website badges) that clearly indicate a UW employee as a confidential resource.	Inception	Widespread adoption	EORR	A	2
Develop supplemental training for employees who have already completed the Duty to Report/EverFi training to improve knowledge and skills	Inception	Ongoing training available for all employees	EORR	A	3
Specific topic training for mandatory reporters on the intersection and unique needs of sexual misconduct and marginalized identities, including Trans*, Gender Non-Conforming, LGB+ students, and domestic students of color	Inception	Establishment	DOS	B	3
Increase investigative capacity	Current FTE	Increased Capacity	EORR/DOS	A	2-3
Increase capacity of Student Conduct to maintain conduct adjudication and hearing response time	1 FTE	Increased Capacity	DOS	A	5

3. Include a commitment to sexual violence prevention as an integral part of UW branding

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Identifying opportunities to tie violence prevention to "The World Needs More Cowboys" marketing campaign and the redefinition of a "cowboy"	Inception	Establishment	Student Affairs/EORR	B	2

4. Integrate sexual violence prevention education into student engagement and academic opportunities

<u>Performance Indicators</u>	<u>Baseline</u>	<u>2023 Target</u>	<u>Coordinating Unit</u>	<u>Priority Area</u>	<u>Completion Year</u>
Requiring EverFi SAP-U online training booster for all second year students	No requirement	Mandated for all second year students	Student Affairs	B	3
Including a Violence Prevention certification as an option for co-curricular transcripts	Inception	Establishment	Academic Affairs & Student Affairs	B	3
Broadening the Sources of Strength program in the Wellness Center	Current reach	Increased reach	Wellness Center	B	3
Increase prevention resources and capacity	0 FTE	Increased capacity	Student Affairs	B	5
Explore establishing a Public Health or Community Health academic certificate within the College of Health Sciences	Inception	Establishment	Academic Affairs	B	5

AGENDA ITEM TITLE: Report: Spring preliminary enrollment report, Kyle Moore



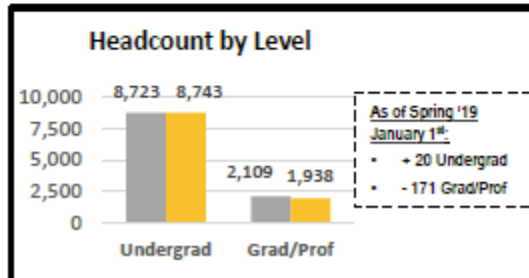
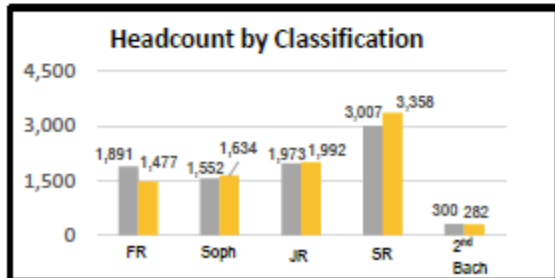
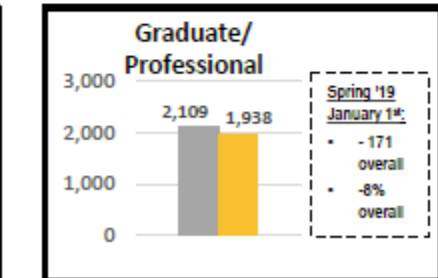
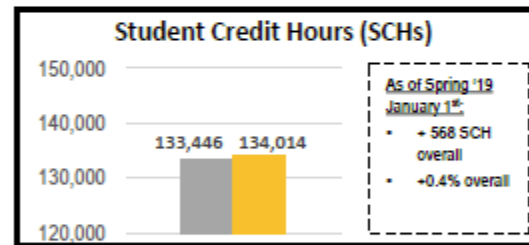
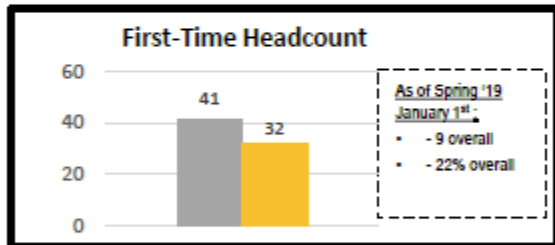
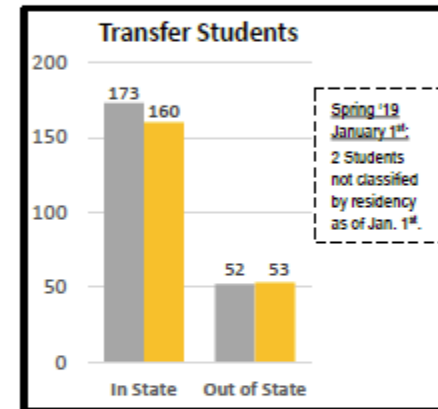
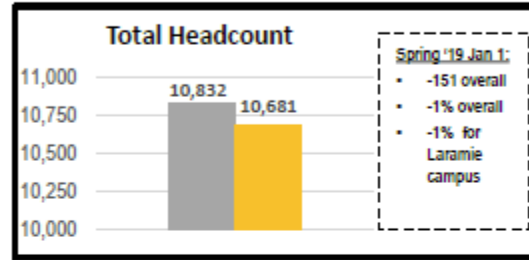
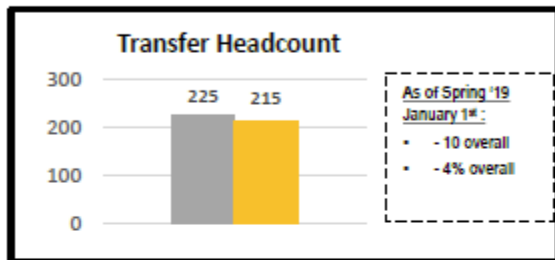
Enrollment Report

1/24/2019



Preliminary Spring 2019 Enrollment as of January 1st, 2019

- The Spring 2019 enrollment numbers below are preliminary and reflect numbers from January 1st, 2019. The Spring 2018 enrollment comparisons reflect numbers from January 1st, 2018.



AGENDA ITEM TITLE:

Report from the Trustees Education Initiative & Notice of New TEI Committee Members,
McKinley/Reutzel

*Additional supplemental materials can also be found on the trustee website.

THE UNIVERSITY OF WYOMING
MINUTES OF THE TRUSTEES
November 12-14, 2014

The final minutes can be found on the University of Wyoming Board of Trustees website at
<http://www.uwyo.edu/trustees/>

The University of Wyoming
Board of Trustees' Minutes
November 12-14, 2014
Page 59

RESOLUTION

UNIVERSITY OF WYOMING TRUSTEES COLLEGE OF EDUCATION INITIATIVE

WHEREAS, as a land grant institution the University of Wyoming College of Education ("*College*") is charged with preparing K-12 teachers, counselors and administrators ("*Professional Educator Preparation*"), and

WHEREAS, the policy of the University of Wyoming, Trustees College of Education Initiative ("*Trustees Education Initiative*") is to elevate the College to the status of a preeminent College in Professional Educator Preparation, and

WHEREAS, Elevation of the College will be a complex, long term undertaking involving the Governor, the Legislature, the entire K-12 community, the current and future leadership of the College and resources of the University, and

WHEREAS, the initial goal of the Trustees Education Initiative is to develop an Implementation Plan for elevating the College to the status of a preeminent College to be presented by the Trustees to the Governor and the Legislature by the Fall of 2015, and

WHEREAS, timely development of the Implementation Plan will require additional resources to be available to the University by early 2015, both in terms of financing and personnel ("*Resources*").

NOW THEREFORE, BE IT RESOLVED that the Trustees Education Initiative is hereby established by the Trustees for the purpose of enabling the college to achieve national prominence in Professional Educator Preparation.

BE IT FURTHER RESOLVED that the President of the Trustees is authorized and directed to appoint the Trustees Education Initiative Advisory Board consisting of several Trustees, the President of the University, representative(s) of the College and up to five additional members ("*Advisory Board*").

BE IT FURTHER RESOLVED that the President of the Trustees, in consultation with the President of the University, is authorized and directed to appoint a Team to develop the Implementation Plan ("*Implementation Team*").

BE IT FURTHER RESOLVED that the Trustees promptly advise the Governor and the Legislature of the Trustees Education Initiative.

BE IT FURTHER RESOLVED that the Trustees and the University of Wyoming promptly seek additional resources for conduct of the Trustees Education Initiative.



Enterprise for Elevating Educational Excellence



Exploration • Experiential Learning • Embedded Practice • Entry into the Profession

UW-E4



EXPLORATION

High school students are exposed to teaching with the goal of recruitment into the profession.

INNOVATIONS EMPLOYED

Educators Rising

Mursion

E1

E2

E3

E4

EXPERIENTIAL LEARNING

Teacher candidates experience all grade bands and content areas prior to declaring a major. They gain experience through virtual reality simulations, courses, modules and fieldwork.

INNOVATIONS EMPLOYED

Mursion

WYCOLA

Ethics

Common Indicators

EMBEDDED PRACTICE

Teacher candidates are placed with a mentor in a full-time sustained residency in a Wyoming School District.

INNOVATIONS EMPLOYED

Mursion

WYCOLA

Ethics

Common Indicators

ENTRY INTO THE PROFESSION

UW teacher education graduates are paired with a mentor for a formalized induction and mentoring program through coaching and online support.

INNOVATIONS EMPLOYED

Mursion

Common Indicators

Ethics

WYECON

WYCOLA



E1 EXPLORATION

EDUCATORS RISING

- Structured curriculum
- Clinical experiences
- Summer institute

MURSION

- Low-risk teaching simulations

E2 EXPERIENTIAL LEARNING

MURSION

- Teaching simulations across content areas, school settings, and grade bands

Ethics

- Introduction to ethical standards

Common Indicators

- Assess teaching dispositions and grit

WYCOLA

- Teach curriculum enrichment lessons and activities

E3 EMBEDDED PRACTICE

MURSION

- Problem-based teaching and parent-teacher conference simulations

Ethics

- Certification of ethical standards

Common Indicators

- Assess classroom teaching performance

WYCOLA

- Coached by trained mentors

E4 ENTRY INTO THE PROFESSION

MURSION

- Simulated induction coach and principal teaching evaluation conferences

Ethics

- Study practical case studies on ethics

Common Indicators

- Assess employer and graduate satisfaction

WYECON

- Professional development

WYCOLA

- Partnered with Induction Mentor

AGENDA ITEM TITLE:
Notice of Intent - Energy Business Certificate, Ahern

Notice of Intent to Create a Certificate in Energy Business (online only)

- A. Proposed name: Online Certificate in Energy Business. As the name implies, it would be offered 100% online, on a part-time basis, to energy executives.
 - B. The certificate will consist of 3 current online energy course offerings:

MBAX 5502: Energy Finance: Project Evaluation
MBAX 5503: Fundamentals of Accounting in the Energy Industry
MBAX 5504: Supply Chain Management in the Energy Industry

See the attached Appendix for the syllabi.
 - C. These courses are currently being taught to those in our online MBA program who choose to earn the Energy Concentration MBA degree. No new courses are being developed, nor being taught — this is a resourceful and efficient use of our current offerings to increase graduate student enrollments through a non-degree, certificate seeking program.
 - D. Our plan to determine anticipated student demand is to send a targeted email to our many contacts (over 1000) in the Colorado Oil and Gas Association (COGA), along with similar organizations in Texas, Oklahoma and Louisiana. We will also conduct a digital marketing campaign. As for evaluation of post-graduation employment opportunities, we would note that over 90% of our current online MBA students already have jobs and we anticipate a similar percentage from our new incoming certificate students (as we will require 5-7 years of energy industry experience in order to get into our certificate program).
 - E. No new budget will be required. The MBA program will use 3 current faculty members who are already teaching the 3 aforementioned online courses.
 - F. We ask that the office of Academic Affairs review this proposal by Nov. 30, 2018 prior to proceeding to the Board of Trustees by Jan. 2019. If approved, this will allow us to market the certificate through our connections with the Colorado Oil & Gas Association (COGA), starting in February and running through August 2019. We can then offer these courses to our new certificate students (2 courses in Fall 2019, 1 course in Spring 2020).
 - G. There are no other required approvals necessary. This online MBA degree program (with the 3 energy focused courses) is already accredited by AACSB.
 - H. As stated above, this certificate falls completely under the umbrella of our current online MBA program and is clearly in line with the UW mission and strategic plan (Goal 2—1st category: “grow the number of students at a distance enrolled in fully online degree programs”).
 - I. As stated above, this is NOT duplicating existing programs, but rather using current existing courses and boosting their enrollments in a smart and resourceful way, by using the 3 existing energy courses and packaging them as a certificate program to energy executives. It may also help boost enrollment for our online MBA program longer term. Once students have sampled our excellent online offerings through this proposed certificate program, they may be inclined to complete the entire online MBA degree.
-

AGENDA ITEM TITLE:

Notice of Intent - American Sign Language Certificate, Alexander



Mark Guiberson PhD
Division Director
Associate Professor

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Laramie, WY 82071-2000

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fax (307) 766-5584

e-mail:
mguibers@uwyo.edu

September 27, 2018

Board of Trustees' Academic and Student Affairs Committee

Notice of Intent: American Sign Language Studies Certificate Program

A. Name of certificate program: American Sign Language Studies;
Mode of Delivery: mostly on campus/some distance

B. Program description: The American Sign Language Studies (ASLS) certificate program will provide a foundation of American Sign Language skills, and an introduction to Deaf sociocultural issues. The ASLS certificate program will prepare future professionals in health and education fields to communicate and understand individuals who are Deaf. It will be an asset to graduates who wish to pursue more education and employment in the fields of speech-language pathology, sign language interpreter, teacher of the deaf, preschool and K-12 education, audiology, nursing, counseling and other areas.

Outline of Proposed Curriculum: 16 credits

SPPA 2110 American Sign Language 1 (4 SCH) [H]

Basic comprehension and expression of American Sign Language (ASL), the language used by the Deaf community in the United States. ASL vocabulary, grammar, and pragmatics are taught through lecture, conversation, and storytelling. The direct experience method (using ASL with no voice) is utilized to enhance the learning process.

SPPA 2120 American Sign Language 2 (4 SCH) [H]

Second level of ASL comprehension and expression. ASL vocabulary, grammar, and pragmatics, along with increased fluency, are taught through lecture, conversation, and storytelling. Translation from English to ASL is addressed. Prerequisite: SPPA 2110.

SPPA 4070 Deaf Studies (3SCH) [H]

Studies deaf culture and deaf history in the United States. Culture topics will include deaf community dynamics, humor, behavior, emotional and social interaction, besides issues involving deaf children as a linguistic minority. History will be discussed from the 1700s to the present in the U.S. Prerequisite: SPPA 2110.

SPPA 4130 Advanced Sign Language (4 SCH)

Third level of ASL comprehension and expression. Addresses increased fluency in ASL; register variation for different conversational participants; and specialized vocabulary. Translation from English to ASL is addressed. Prerequisite: SPPA 2120.

SPPA 4140 Undergraduate Teaching Assistant: (1 SCH)

Students assist instructor in ASL courses and/or Deaf Chat. May include assisting with lab or practice sessions, providing individual student assistance, and participating in other student outreach activities. One semester credit hour requires 4 hours of work per week.

C. Information about content:

The content for this program already exists; all courses are in our curriculum.

This program relates closely to our undergraduate degree, the BS in Speech, Language & Hearing Sciences. What it adds are *next steps*, for those majors who wish to pursue related careers in interpreting and/or deaf education, special education, and related areas. Currently, we have approximately 50% enrollment in ASL courses from non-majors. For these students the ASLS certificate program will be an asset when applying for entry-level positions in schools, hospitals and other areas. Knowing another language is an asset when interviewing for jobs, and the ASLS certificate will provide documentation of student achievement in American Sign Language.

D. Market analysis of anticipated student demand and enrollment:

Our analysis of enrollment shows that sections for the ASL 1, 2, and advanced ASL are typically full with a waitlist. We also frequently have students inquire about additional ASL courses and ways to specialize in this topic. In the Fall of 2018 we were able to offer Advanced ASL (fully enrolled), this was possible in part because we hired an additional .7 FTE instructor to teach ASL 1 and ASL2. We expect that Deaf Studies and the Undergraduate Teaching Assistant course will also show a similar trend of healthy enrollment.

Plan for Evaluation. Once the certificate program is approved, we will conduct 1 year follow ups with alumni to inquire about employment and/or admittance to programs (MS/MA doctorate or other, interpreter programs). We also will track our enrollments in the certificate program to establish how many sections of given courses may be needed.

E. Preliminary budget:

Funds needed include \$25,000 (\$16,492 salary +\$8,476 EPBs) to increase a current .7 position to 1.0 which will result in two additional sections of ASL 1 and/or 2. In addition, \$6,246 is needed to pay for J-term and Summer offerings of distance Deaf Studies (SCH each). Total additional budget needed = \$31,246. The Division will use funds from existent undergraduate program fees to cover this expense. In addition, the College of Health Sciences has agreed to provide the Division full return on online enrollments for SPPA 4070. *These two sources combined will cover the expenses for the ASLS certificate program* (see table of expected revenue below).

Expected Revenue					
Source: Distance Tuition Revenue			Source: Program Fees		
Course	Enrollment #	Generated Revenue	Course	Enrollment #	Generated Revenue
SPPA 4070	15	\$15,660 total	SPPA 2110	25	\$2,100
SPPA 4070	15	\$15,660 total	SPPA 2120	25	\$2,100
			SPPA 4070	15	\$1,260
			SPPA 4070	15	\$1,260
			SPPA 4140	15	\$315
Total(s) Generated		\$31,320 (total)	Total(s) Generated		\$7,035

Proposed timeline:

Campus and Board Review: ASAP

AY 2019-20 Full implementation

G. No other approval or accreditation is needed for this certificate program

H. Alignment with University Mission & Strategic plan. The American Sign Language Studies certificate aligns with the UW mission of creating an environment that values diversity, mutual respect and promotes opportunities for personal growth and development. The American Sign Language Studies certificate also aligns with the University of Wyoming Strategic Plan **Goal 1: Driving Excellence and creating degree plans**. We believe that the American Sign Language Studies certificate program will be an asset to our graduates, and will lead our alumni to new opportunities and career paths. As a land grant institution, we also believe that we owe it to the state and its residents to prepare professionals who can support the communication of those who are Deaf/hard of hearing. We frequently here from school districts and medical facilities requesting assistance in serving Deaf/hard of hearing individuals.

I: Program Rationale:

Academic Program. The Division of Communication Disorders has offered American Sign Language since 1979. It is an important part of our curricula for future speech-language pathologists and audiologists, but also an important language and culture course (USP H) for students from outside the major. There is no other degree plan on campus that parallels the proposed American Sign Language Certificate. We do understand that Casper Community college has begun an applied associates program, but this is a smaller program serving a different population, and has less enrollment. We believe that as the flagship University of the State, we need to offer the opportunity for a certificate program. This program will be a recruitment asset, and will enhance the lives and culture of Wyoming residents.

AGENDA ITEM TITLE:

Information: Draft Annual Budget timeline, McKinley/Jewell



FY2020 Budget Development Timeline

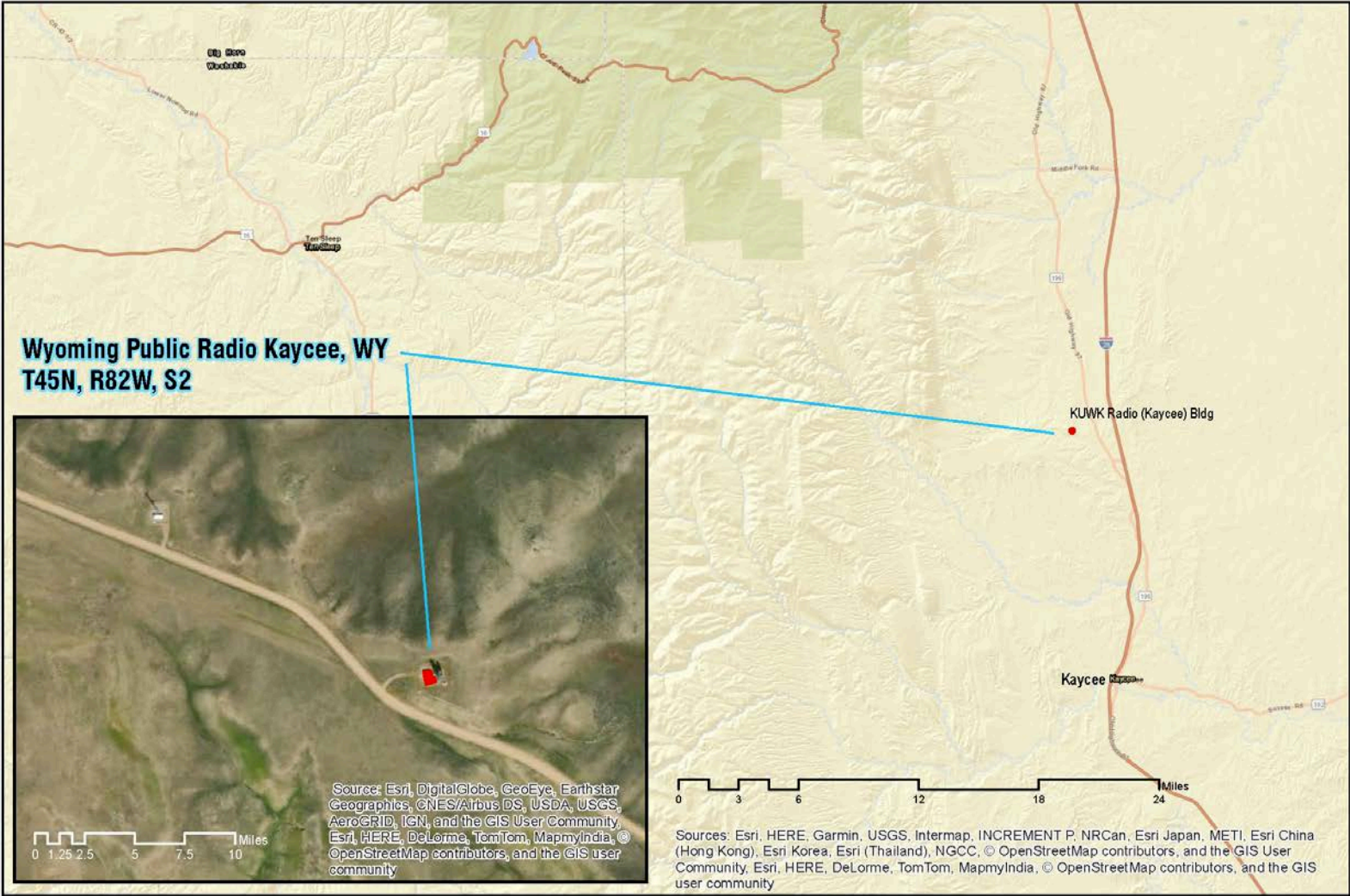
Purpose:

To outline the timeline for developing FY2020 budgets. Please contact the Budget & Planning Office with any questions.

- NEW - November 29th and December 12th - WyoCloud Planning module review and training sessions
- December 5th WyoCloud Planning & Budgeting (WyoCloud Planning) module released/opened for Non-Payroll budgeting.
- January 15th business manager will be provided a spreadsheet detailing positions included in the FY 20 budget.
- February 15th 5:00pm **ALL FY2020 budgets** due to the Budget Office
- February 15th Data migration to Budget Office version in WyoCloud Planning
- February 15- March 1st Budget Office review
- March 4 - April 3rd **Division/College budget review sessions with President, VPs, and Deans**
- April 4th Data migration to President's version in WyoCloud Planning
- April 4 - 15th President's review
- April 15th Data migration to Board of Trustee's version in WyoCloud Planning
- April 15th FY20 Budget materials are due to the BOT
- May 13-14th **Division & College budget hearings with Board of Trustees Budget Committee**
- May 15-17th **Budget Committee update on FY2020 budget to the full Board of Trustees**
- May 18- June 11th Budget Committee follow-ups and call backs as needed
- June 12th **Board of Trustee's conference call**
- June 28th Data migration to Final BOT approved version in WyoCloud Planning & FY2020 Budgetary Control in WyoCloud Financial Management

AGENDA ITEM TITLE:

Consideration and Action: Wyoming Public Radio Kaycee, WY Site Lease Extension with Union Telephone Company, McKinley/Theobald/Decker



PREPARED BY:
REAL ESTATE
OPERATIONS
October 2018

**Wyoming Public Radio Kaycee, WY
Site Lease Extension with
Union Telephone Company**



 KUWK Radio (Kaycee) Bldg

FIRST ADDENDUM TO THE SITE LEASE AGREEMENT

THIS FIRST ADDENDUM TO THE SITE LEASE AGREEMENT is made and entered into the 3rd day of December, 2018 by and between **UNION TELEPHONE COMPANY**, a Wyoming corporation, of P.O. Box 160, Mountain View, Wyoming 82939 herein called "Lessor" and **THE UNIVERSITY OF WYOMING** whose principal office address is Dept. 4308-127 Bureau of Mines, 1000 E. University Avenue, Laramie, Wyoming 82071, herein called "Lessee."

WHEREAS, Lessor and Lessee entered into the Site Lease Agreement dated September 19, 2013 (the "Original Lease") wherein Lessor granted Lessee the right to install, operate, and maintain communication electronics equipment with the associated ingress, egress and utility easements for the "Mayoworth" tower located at *Latitude 43-53-41.3; Longitude -106-40-50.5 (NAD83DATUM)* in Johnson County, Wyoming.

WHEREAS, Lessee has the option and desires to renew the term of the Original Lease on the same terms, covenants, and conditions provided therein, and Lessor is willing to renew the term.

WHEREAS, Lessor and Lessee agree that provisions for the renewal term of the Original Lease shall be attached to and made a part of the Original Lease.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES, COVENANTS AND AGREEMENTS CONTAINED HEREIN, THE PARTIES AGREE AS FOLLOWS:

Term: The renewal term of the Original Lease shall be five (5) years, from the 1st day of January, 2019 during and until the 31st day of December, 2023

Rent: Beginning January 1, 2019 and payable in advance of the first day of each calendar year thereafter, Lessee shall pay Lessor as annual rent for the Premises during the term of this Lease the sum of Five Thousand Seven Hundred Fifty-one and 36/100 Dollars (\$5,751.36) ("Rent").

The Rent due under this Sublease shall increase annually on the anniversary of the Commencement Date of the Renewal Term by three percent (3%) over the base Rent payable for the immediately preceding year.

Miscellaneous:

i. Both parties shall fully adhere to all applicable local, state and federal law, including equal employment opportunity and including but not limited to compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975 and the American with Disabilities Act of 1990. The University is committed to equal opportunity for all persons in all facets of the University's operations and is an Equal Opportunity/Affirmative Action employer. The University will provide all applicants for admissions, employment and all University employees with equal opportunity without regard to race, gender, religion, color, national origin, disability, age, protected veteran status, sexual orientation, genetic information, gender identity, creed, ancestry, political belief, any other applicable protected category, or participation in any protected activity. The University ensures non-discriminatory practices in all matters relating to its education programs and activities and

extends the same non-discriminatory practices to recruiting, hiring, training, compensation, benefits, promotions, demotions, transfers, and all other terms and conditions of employment.

Contractors are notified that they may be subject to the provisions of 41 CFR Section 60-300.5(a); 41 CFR Section 60-741.5(a); 41 CFR Section 60-1.4(a) and (c); 41 CFR Section 60-1.7(a); 48 CFR Section 52.222-54(d); and 29 CFR Part 471, Appendix A to Subpart A with respect to affirmative action and posting requirements. If applicable, **this contractor and subcontractor shall abide by the requirements of 41 CFR 60-300.5(a). This regulation prohibits discrimination against qualified protected veterans, and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans.** If applicable, **this contractor and subcontractor shall abide by the requirements of 41 CFR 60-741.5(a). This regulation prohibits discrimination against qualified protected veterans, and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans.**

Lessor and Lessee agree that all other terms and conditions of the Original Lease shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have executed this First Addendum to the Site Lease Agreement as of the day and year above first written.

LESSOR
Union Telephone Company

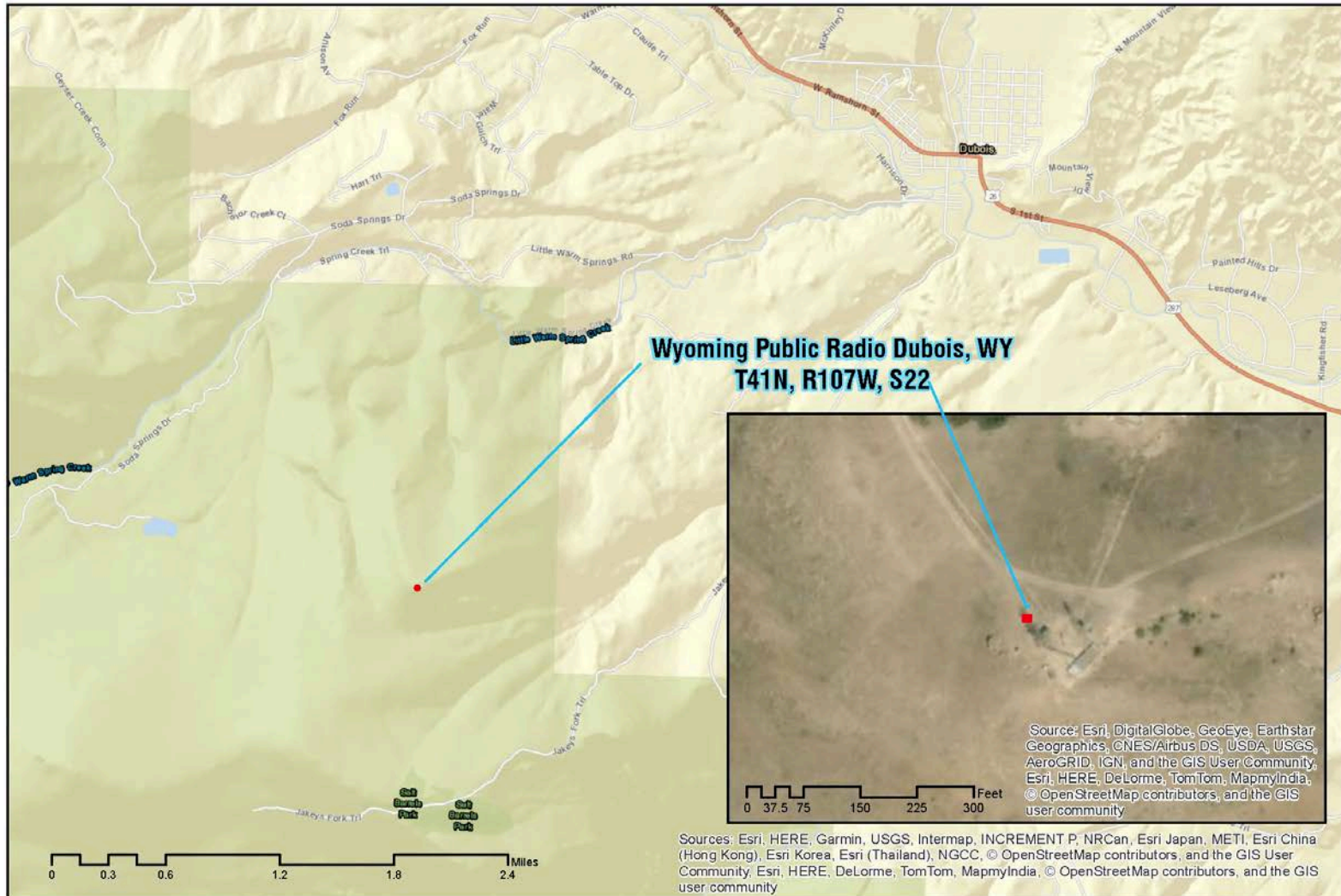
By: Eric J. Woody
Title: CTAO

LESSEE
University of Wyoming

By: Neil Theobald
Title: Vice President for Finance and
Administration
**Deputy Treasurer, Board of
Trustees**

AGENDA ITEM TITLE:

Consideration and Action: Wyoming Public Radio Dubois, WY Site Lease Extension with Dubois Telephone Exchange, Inc., McKinley/Theobald/Decker



PREPARED BY:
 REAL ESTATE
 OPERATIONS
 October 2018

**Wyoming Public Radio Dubois, WY
 Site Lease Extension with
 Dubois Telephone Exchange, Inc**



 KUWR Radio (Dubois) Bldg

**ADDENDUM NO.1
TO THE TOWER AND/OR BUILDING SUB-LICENSE AGREEMENT – SITE: WINDY RIDGE
BETWEEN
DUBOIS TELEPHONE EXCHANGE, INC.
AND
THE UNIVERSITY OF WYOMING**

This Addendum No. 1 to the Tower and/or Building Sub-License Agreement ("License") dated 1 January 2015 between Dubois Telephone Exchange, Inc., a Wyoming Corporation, ("DTE" or "Licensor") and the University of Wyoming through Wyoming Public Radio (KUWR), ("Licensee"), is effective 1 January 2019.

WHEREAS, DTE currently owns an 80 foot Ehreshmann Model EEI SSTA self-supporting communications tower ("Tower") and leases or licenses the land (collectively, the "Site") described on Exhibit A attached hereto ;

WHEREAS the Licensor, as a licensee, has as agreement with the Property Owner, (U.S. Forest Service) that grants Licensor the right to have and maintain the existing tower or a replacement tower and related facilities on the site, including the rights of access and the provision of utilities and the right to sub-license space and facilities on the site to third parties, including but not limited to Licensee; and

WHEREAS, Licensee has installed an antenna system on said tower and certain radio communications equipment in the equipment building, located at the tower site, and has operated and maintained said antenna and equipment upon the Site; and

WHEREAS, the original term of the Tower and/or Building Sub-License Agreement dated 1 January 2015 will expire 31 December 2018; and

WHEREAS, Licensee has notified Licensor of Licensee's desire to extend the license pursuant to Item 1.1 (l) of said Tower and/or Building Sub-License Agreement for an a renewal term; and

WHEREAS, Licensor has agreed to extend said license for an a renewal term as set forth herein below;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties agree to revise the above Agreement by this Addendum as follows:

1.1 (c) **LICENSEE'S ADDRESS:** Department 4308
1000 East University Avenue
Laramie, WY 82071

1.1 (g) **COMMENCEMENT DATE:** January 1, 2019

1.1 (h) **EXPIRATION DATE:** December 31, 2021

10.22 EQUAL EMPLOYMENT OPPORTUNITY.

Both parties shall fully adhere to all applicable local, state and federal law, including equal employment opportunity and including but not limited to compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975 and the American with Disabilities Act of 1990. The University is committed to equal opportunity for all persons in all facets of the University's operations and is an Equal Opportunity/Affirmative Action employer. The University will provide all applicants for admissions, employment and all University employees with equal opportunity without regard to race, gender, religion, color, national origin, disability, age, protected veteran status, sexual orientation, genetic information, gender identity, creed, ancestry, political belief, any other applicable protected category, or participation in any protected activity. The University ensures non-discriminatory practices in all matters relating to its education programs and activities and extends the same non-discriminatory practices to recruiting, hiring, training, compensation, benefits, promotions, demotions, transfers, and all other terms and conditions of employment.

Contractors are notified that they may be subject to the provisions of 41 CFR Section 60-300.5(a); 41 CFR Section 60-741.5(a); 41 CFR Section 60-1.4(a) and (c); 41 CFR Section 60-1.7(a); 48 CFR Section 52.222-54(d); and 29 CFR Part 471, Appendix A to Subpart A with respect to affirmative action and posting requirements. If applicable, **this contractor and subcontractor shall abide by the requirements of 41 CFR 60-300.5(a). This regulation prohibits discrimination against qualified protected veterans, and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans. If applicable, this contractor and subcontractor shall abide by**

ADDENDUM NO.1
TO THE TOWER AND/OR BUILDING SUB-LICENSE AGREEMENT – SITE: WINDY RIDGE
BETWEEN
DUBOIS TELEPHONE EXCHANGE, INC.
AND
THE UNIVERSITY OF WYOMING

the requirements of 41 CFR 60-741.5(a). This regulation prohibits discrimination against qualified protected veterans, and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans.

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ADDENDUM NO.1
TO THE TOWER AND/OR BUILDING SUB-LICENSE AGREEMENT – SITE: WINDY RIDGE
BETWEEN
DUBOIS TELEPHONE EXCHANGE, INC.
AND
THE UNIVERSITY OF WYOMING

INCORPORATION OF ADDENDUM INTO ORIGINAL LICENSE

The signing of this Addendum shall incorporate this Addendum into the LICENSE. All other terms and conditions of the original license and its amendments remain in effect. It is further intended that in the event of any inconsistency between the LICENSE, its other attachments or addenda, and this Addendum, that the terms of this Addendum be construed as final and binding.

IN WITNESS HEREOF, this instrument is duly executed as of the day and year first above written.

LICENSOR:
 Dubois Telephone Exchange, Inc.

[Handwritten Signature]
 Michael U. Kenney
 Vice President/General Manager

ACKNOWLEDGEMENT
 STATE OF WYOMING)
) SS
 COUNTY OF FREMONT)

The foregoing instrument was acknowledged before me by Michael J. Kenney
 this 3rd day of December, 2018.

Witness my hand and official seal.
ADRIA TREMBLY - NOTARY PUBLIC
 COUNTY OF FREMONT  STATE OF WYOMING
 MY COMMISSION EXPIRES 8/20/22
 My Commission expires: 8/20/22

[Handwritten Signature]
 Notary Public

LESSEE:
 University of Wyoming

 Neil Theobald
 Vice President for Finance and Administration
 Deputy Treasurer, Board of Trustees

ACKNOWLEDGEMENT
 STATE OF WYOMING)
) SS
 COUNTY OF ALBANY)

The foregoing instrument was acknowledged before me by _____
 this _____ day of _____, 2019.

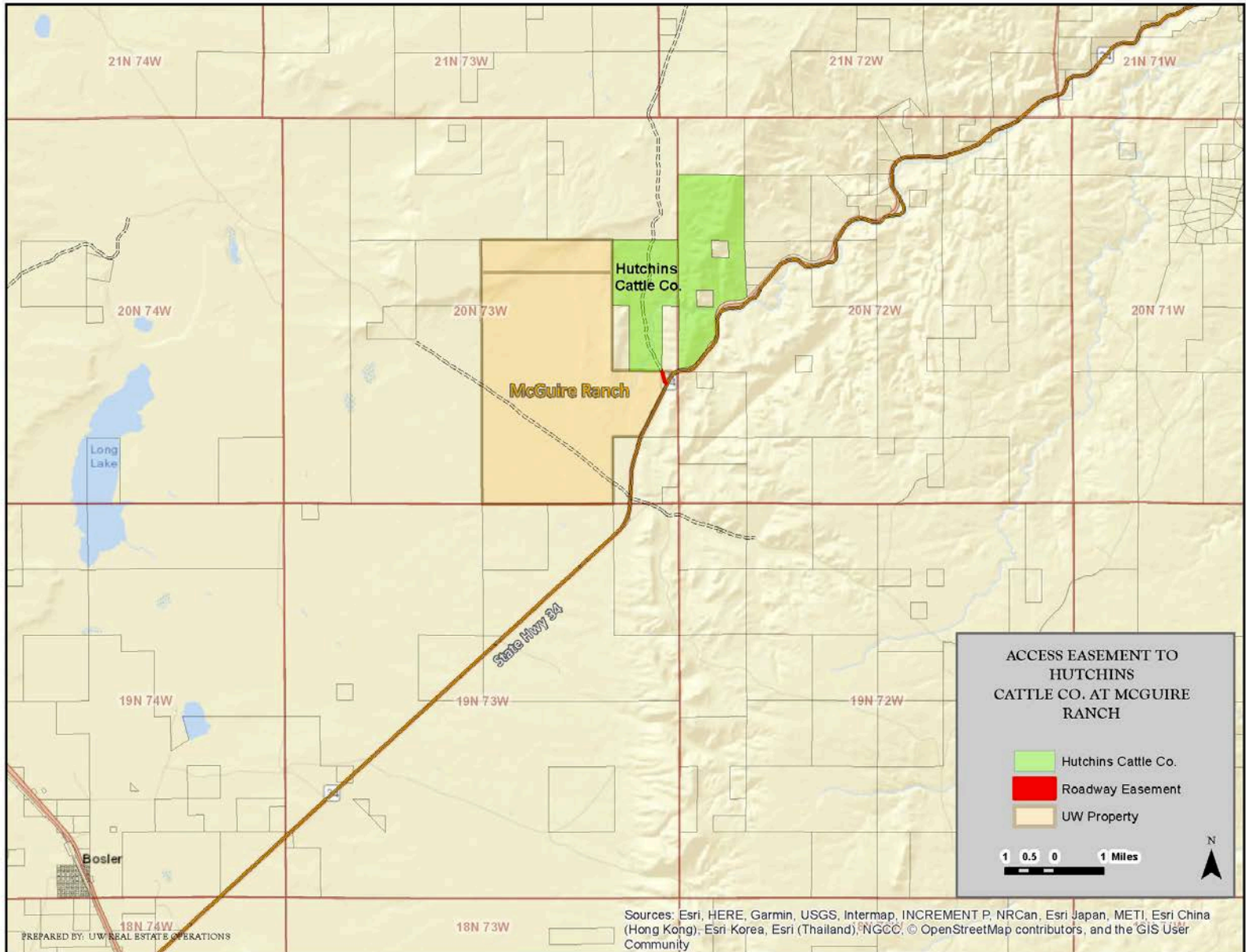
Witness my hand and official seal.

 Notary Public

My Commission expires: _____

AGENDA ITEM TITLE:

Consideration and Action: Access Easement to Hutchins Cattle Company, LLC at McGuire Ranch, McKinley/Theobald/Decker



GRANT OF EASEMENT

The Trustees of the University of Wyoming, a body corporate duly organized and validly existing under the Constitution and laws of the State of Wyoming, whose address is Real Estate Operations, Dept. 4308, 1000 E. University Ave., Laramie, Wyoming 82071, ("Grantor"), for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration in hand paid, receipt of which is hereby acknowledged and confessed, hereby grants and conveys to Hutchins Cattle Company, LLC, a Wyoming Limited Liability Corporation, whose address is 13557 WCR 88, Pierce, Colorado 80650, its successors, assigns and legal representatives, ("Grantee"), a non-exclusive, access easement for a private roadway, contingent upon the conditions set forth within this Grant of Easement, over and across the following described parcel of land, the servient tenement:

A tract of land located in the NE1/4 of Section 25, Township 20 North, Range 73 West of the 6th P.M., Albany County, Wyoming and more particularly described in and as shown on Exhibit A attached hereto.

This access easement shall provide ingress and egress to and benefit the following described property limited to agricultural and ranching purposes only, the dominant tenement:

A tract of land located in Albany County, Wyoming and more particularly described in and as shown on Exhibit "B" attached hereto.

TO HAVE AND TO HOLD Grantor grants this non-exclusive easement to Grantee across the above described servient tenement for their purpose of constructing, using, maintaining, and repairing the above-described non-exclusive roadway, subject to the following conditions:

1. Any and all improvements to the described easement as located shall be the sole responsibility of the Grantee and approved in advance by Grantor in writing.
2. Grantor reserves the right to use said land for any legal purposes consistent with the Grantee's rights under this easement, including, but not limited to, the right of the Grantor to use the roadway on Grantor's land, install fences, cattle guards and/or gates.
3. This easement does not include the right to make use of the road for residential developments or any subdivisions or developments for which a permit is required pursuant to W.S. §18-5-301 *et seq.* Additionally, Grantee's use of the property shall be subject to any terms, conditions, reservations, restrictions, rights-of-way, and agreements presently of record in the office of the Albany County Clerk.
4. Grantee shall not enclose or fence said easement without the express written consent of Grantor.
5. Grantee shall maintain the easement at no cost to Grantor, including reasonable dust and weed control efforts at the request of the Grantor in response to a complaint from a third-party.
6. It is expressly made a condition of this easement that if Grantee shall: 1) fail to obtain written easements from adjacent landowners for access to the dominant tenement for the remainder of the route of the entire access easement to be obtained 2) fail to obtain any required government approvals and permits pertaining to access to the dominant tenement, then this easement shall become void and shall revert to the Grantor or its assigns, the same as if this grant had never been made.
7. Upon abandonment or discontinuance of use of this easement for the purposes specified above, all of Grantee's rights under this grant of easement shall revert to the Grantor or its assigns, the same as if this grant had never been made. Failure to report, to the Grantor, the status of the use of this easement upon delivery and receipt of a written request from Grantor within 60 days of the request, shall be considered an indication that Grantee has abandoned this easement. Should this easement be

abandoned by the Grantee, or its use discontinued for the specified purpose, Grantee shall return the above-described tract of land to a condition satisfactory to the Grantor.

8. For record keeping purposes only, any transfer in ownership of the benefited property, or any change of name or mailing address of the owner of this easement, shall be reported to the University of Wyoming within ninety days (90) of the transfer or change.
9. Grantee agrees that should Grantee enter into an easement for a substantially similar purpose within one year following that date of this Easement that are in reasonable proximity to the property identified herein and which provide for compensation at a greater rate than Grantee provided to Grantor under this Easement, Grantee shall notify Grantor and pay to Grantor an additional amount so that Grantor receives that greater rate of compensation.
10. Grantor and Grantee agree that the location of this easement may be modified to a mutually acceptable location if requested by either party in writing or a future public right of way provides access to all or part of the dominant tenement described herein. Approval of a change in location by either party not to be unreasonably withheld.

Grantor does not waive its sovereign immunity or its governmental immunity by entering into this Easement and fully retains all immunities and defenses provided by law with regard to any action based on this Easement. Any actions or claims against Grantor under this Agreement must be in accordance with and are controlled by the Wyoming Governmental Claims Act, W.S. 1-39-101 et seq. (1977) as amended.

Grantee shall indemnify Grantor for any and all damages arising from or related to Grantee's or Grantee's invitees' negligence in exercise of the rights and privileges granted herein.

The rights and obligations of the parties hereto shall be binding upon and shall benefit their respective heirs, successors, and assigns.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the grantor has caused these presents to be signed by its duly authorized officer as of the date below.

GRANTOR:
Trustees of the University of Wyoming

Neil Theobald
Vice President for Finance and Administration
Deputy Treasurer, Board of Trustees

STATE OF WYOMING)
) SS
COUNTY OF ALBANY)

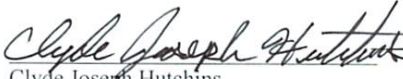
The foregoing instrument was acknowledged before me by Neil Theobald as Vice President for Finance and Administration, Deputy Treasurer, Board of Trustees, this ____ day of _____, 2019.

Witness my hand and official seal.

Notary Public

My Commission expires: _____

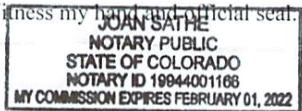
Hutchins Cattle Company, LLC, a Wyoming Limited Liability Corporation, herein acknowledges and agrees to the terms, conditions and provisions hereof.

GRANTEE:

Clyde Joseph Hutchins
President, Hutchins Cattle Company, LLC

STATE OF COLORADO)
) SS
COUNTY OF WELD)

The foregoing instrument was acknowledged before me by Clyde Joseph Hutchins as President of Hutchins Cattle Company, LLC, a Wyoming Limited Liability Corporation this 5th day of December, 2018.

Witness my hand and official seal.





Notary Public

My Commission expires: 02-01-2022

EXHIBIT A

An easement 30 feet in width across that portion of land in the NE ¼ Section 25, Township 20 North, Range 73 West of the 6th P.M., Albany County, Wyoming, described as "All that part of Section 25 lying N and W of Wyoming State Highway No. 34" in Deed from the UNITED STATES OF AMERICA by the SECRETARY OF AGRICULTURE acting through the Farmers Home Administration, to the Trustees of the University of Wyoming," recorded January 21, 1992 at 1:59 p.m. as Book 423, Page 229 at the Albany County, Wyoming Clerks' office, lying 15 feet on either side of the following described centerline;

Commencing at the northeast section corner of said Section 25, said point being a 3 inch aluminum cap;

thence, S48°54'47"W, a distance of 1,396.41 feet, to a point on the northwesterly right-of-way boundary for Wyoming State Highway No. 34, said point being the **Point of Beginning**;

thence, N55°08'51"W, a distance of 171.76 feet;

thence, N15°16'28"W, a distance of 498.40 feet;

thence, N09°02'42"W, a distance of 183.81 feet;

thence, N22°06'05"W, a distance of 156.03 feet, more or less, to a point on the northerly line of said Section 25 described in Book 423, Page 229, said point being S89°29'07"W, a distance of 1,412.40 from said northeast corner of Section 25;

with said parallel side lines to be lengthened or shortened to meet at angle points and beginning on the northerly boundary of said Wyoming State Highway No. 34, and terminating on the northerly boundary of said Section 25.

All as shown on the attached Exhibit B plat which by this reference is made a part hereof. The above described easement contains 0.70 acre, more or less, with basis of bearing being N89°29'07"E from the north quarter-corner to the northeast section corner of said Section 25, T20N, R73W, and is subject to any easements and or rights-of-way that have been legally acquired.

STATE OF WYOMING)

) SS

COUNTY OF ALBANY)

I, Daniel N. Kricken, of Laramie, Wyoming, do hereby certify that this description and accompanying plat were prepared from the results of an actual survey made by myself and accurately reflect the results of said survey to the best of my knowledge, information and belief.



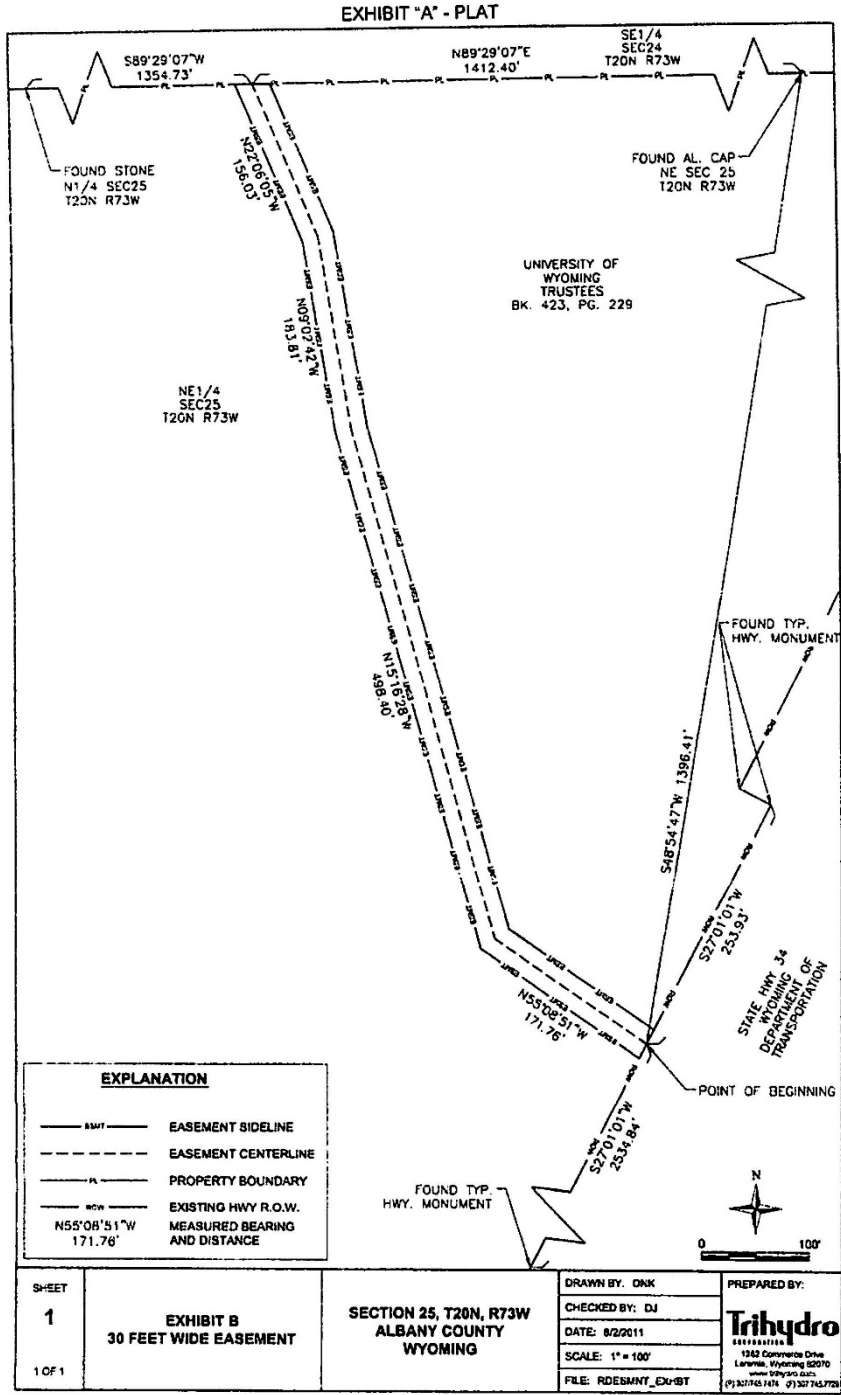


EXHIBIT B

Township 20 North, Range 73 West of the 6th P.M., Albany County, Wyoming

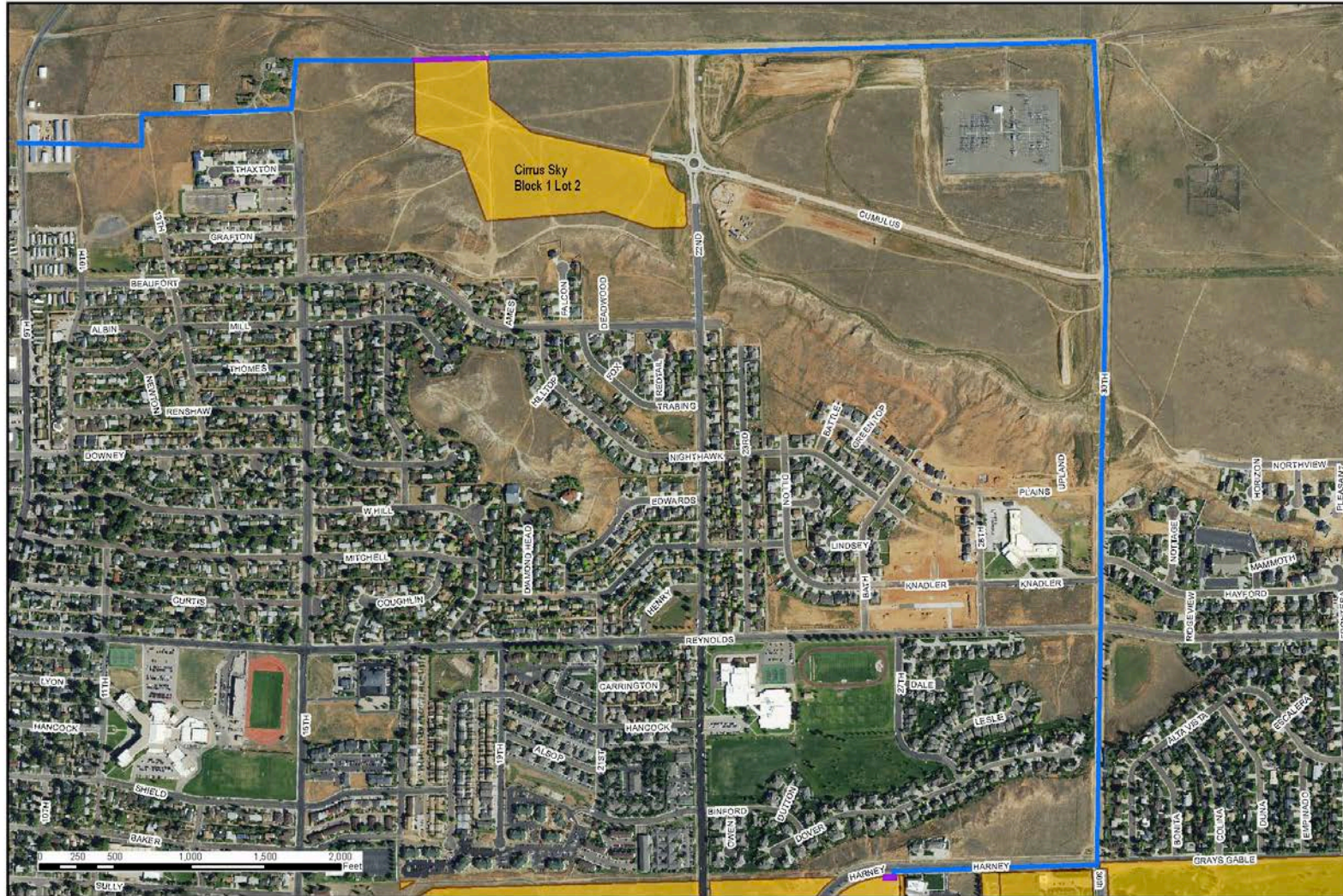
Section 13: All
Section 24: E1/2W1/2, W1/2E1/2

Township 20 North, Range 73 West of the 6th P.M., Albany County, Wyoming

Section 7: All
Section 18: ALL LYING N OF HWY 34, LESS NW1/4NE1/4 &
SE1/4SW1/4
Section 19: ALL LYING N OF HWY 34

AGENDA ITEM TITLE:

**Consideration and Action: Gas Line Easements to Black Hills Energy at Cirrus Sky,
McKinley/Theobald/Decker**

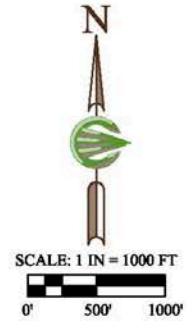
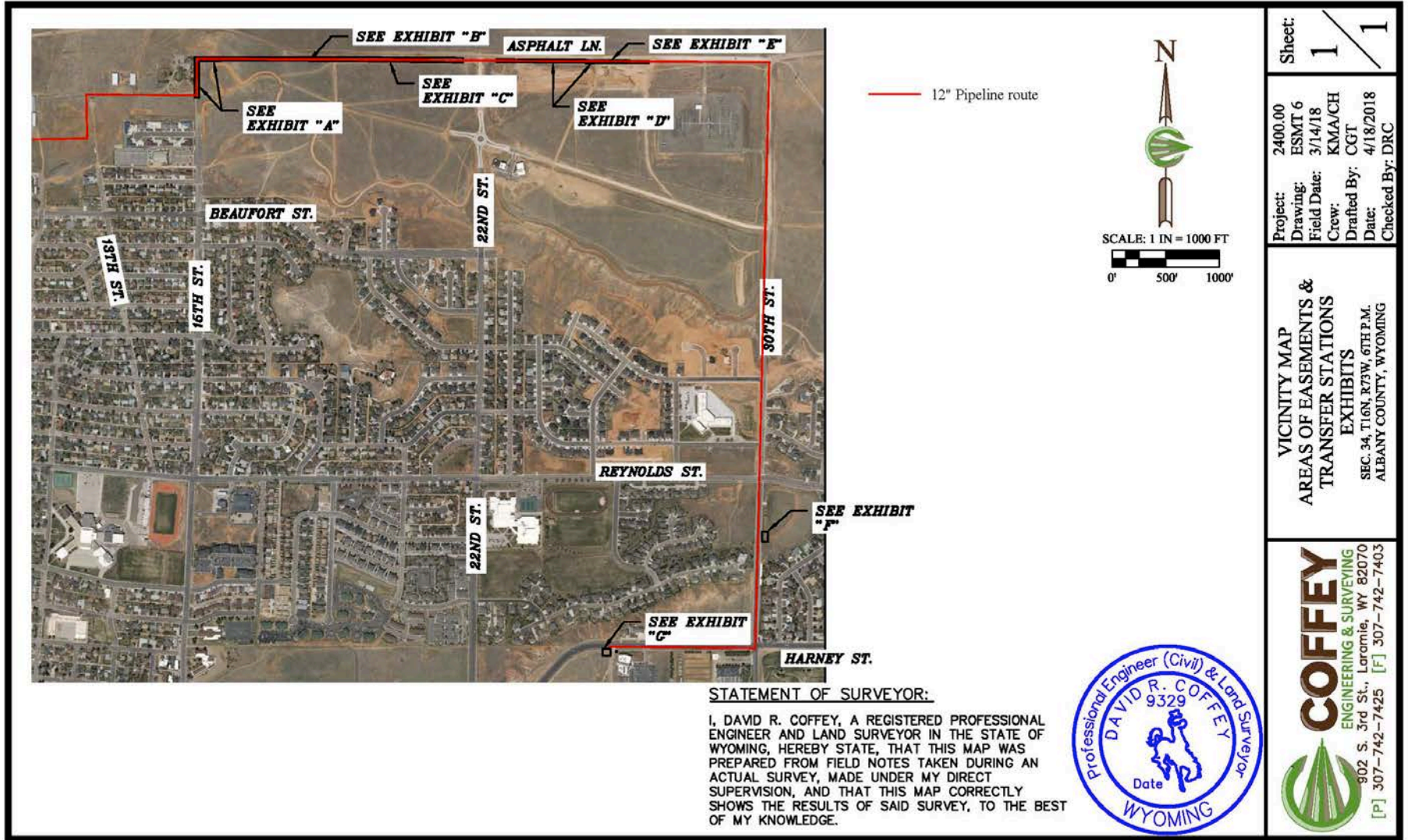


PREPARED BY:
REAL ESTATE
OPERATIONS
August 2018

Gas Line Easement to Black Hills Energy
North Laramie Integrity Upgrade Project -
Cirrus Sky Lot



- Proposed Gas Easement
- 12" Pipeline Proposed Route
- UW Property



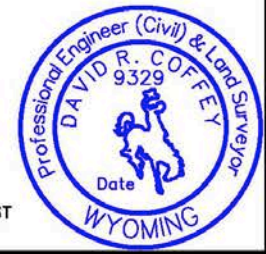
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Project: 2400.00
 Drawing: ESMT 6
 Field Date: 3/14/18
 Crew: KMA/CH
 Drafted By: CGT
 Date: 4/18/2018
 Checked By: DRC

VICINITY MAP
 AREAS OF EASEMENTS &
 TRANSFER STATIONS
 EXHIBITS
 SEC. 34, T.16N, R.73W, 6TH P.M.
 ALBANY COUNTY, WYOMING

COFFEY
 ENGINEERING & SURVEYING
 902 S. 3rd St., Laramie, WY 82070
 [P] 307-742-7425 [F] 307-742-7403

STATEMENT OF SURVEYOR:
 I, DAVID R. COFFEY, A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR IN THE STATE OF WYOMING, HEREBY STATE, THAT THIS MAP WAS PREPARED FROM FIELD NOTES TAKEN DURING AN ACTUAL SURVEY, MADE UNDER MY DIRECT SUPERVISION, AND THAT THIS MAP CORRECTLY SHOWS THE RESULTS OF SAID SURVEY, TO THE BEST OF MY KNOWLEDGE.



Prepared by, and after recording
please mail to:

JIM WASSON
Agent Right-Of-Way
Black Hills Energy
1301 W 24th ST
CHEYENNE, WY, 82001

EASEMENT FOR GAS LINES AND APPURTENANCES

THIS EASEMENT is made and entered into this ____ day of _____, 2018, by and between **Trustees of the University of Wyoming** "GRANTOR", and **Black Hills Gas Distribution, a LLC** "GRANTEE".

Grantor, in consideration of the sum of Ten Dollars (\$10.00) and other valuable consideration, the receipt of which is hereby acknowledged, hereby grants, bargains, sells and conveys to Grantee, its lessees, licensees, successors and assigns, the right, privilege and perpetual underground pipeline easement to enter upon the lands of Grantor described on Exhibit A to survey, construct, operate, patrol, inspect, maintain, alter, add pipes, repair, rebuild and remove, on, under and over said lands lines for the transmission and distribution of gas and all appurtenances and appliances necessary in connection therewith, together with the right of ingress and egress to and from the said lines of Grantee over the lands of Grantor so that Grantee may go to and from said lines from the public roads adjacent to Grantor's lands, situate in the County of Albany, in the State of Wyoming, further described on Exhibit A attached hereto and incorporated herein by this reference. Easement shall be maintained at no cost to Grantor and under the following terms and conditions:

1. Grantee shall not enclose or fence said easement without the express written consent of Grantor. Grantee may use existing gates in fences which cross or which shall hereinafter cross the route of said lines. Grantee is given the right to trim, cut and clear away or otherwise control any trees, limbs, brush and vegetation on or adjacent to the above described easement whenever, in its judgment, such will interfere with or endanger the construction, safety, operation or maintenance of said lines. In exercising its rights of ingress and egress Grantee shall, whenever practicable, use existing roads or lanes and shall repair any damage caused thereby.
2. Grantor is hereby conveying the uses herein specified without divesting himself, his heirs or assigns, of the right to cultivate, irrigate, use and enjoy the above described premises: PROVIDED, however, such use shall not, in the judgment of said Grantee, interfere with or endanger the construction, safety, operation or maintenance of said lines, and provided further that no building shall be constructed on the easement without written permission from Grantee. In addition, the granting of any subsequent easements to third parties that either cross Grantee's gas lines or are situated within five feet of Grantee's gas lines shall require written permission from Grantee.

3. Grantee, its successors and assigns, agrees to lay all pipelines at sufficient depth to avoid interfering with cultivation of the soil or irrigation of landscaping and agrees to pay for any damage caused to land, growing crops, fences, livestock or other personal property of Grantor from the construction, operation or maintenance of said lines.
4. Title to said lines shall be and remain in said Grantee.
5. Grantee may assign or transfer rights under this easement to Grantee's principal, affiliates or subsidiaries of its principal upon reasonable written notice to Grantor. Grantee shall not assign nor transfer any of these rights to any third party.
6. Grantee agrees that during the period of construction, or any subsequent altering, removing or replacing, it will reclaim and restore the surface within the easement or on adjacent lands damaged due to construction and maintenance activities of the Grantee.
7. Grantee shall indemnify Grantor for all damages caused to Grantor as a result of Grantee's negligent exercise of the rights and privileges granted herein.
8. Upon abandonment or discontinuance of use of this easement for the purposes specified above, all of Grantee's rights under this easement shall revert to the Grantor or its assigns, the same as if this grant had never been made. Failure to report, to the Grantor, the status of the use of this easement upon delivery and receipt of a written request from Grantor within 60 days of the request, shall be considered an indication that Grantee has abandoned this easement. Should this easement be abandoned by the Grantee, or its use discontinued for the specified purpose, Grantee shall return the above described tract of land to a condition satisfactory to the Grantor.
9. Grantor does not waive its sovereign immunity or its governmental immunity by entering into this Easement and fully retains all immunities and defenses provided by law with regard to any action based on this Easement. Any actions or claims against Grantor under this Agreement must be in accordance with and are controlled by the Wyoming Governmental Claims Act, W.S. 1-39-101 et seq. (1977) as amended.

This easement shall run with the land and shall be binding upon Grantor and Grantor's heirs, personal representatives, successors and assigns. Grantor hereby represents, warrants and covenants that Grantor is the sole owner(s) of the above-described land, subject to existing liens and right-of-way easement of record and has all rights to grant this easement.

IN WITNESS WHEREOF, this instrument has been executed on the day and year first above written.

GRANTOR:
Trustees of the University of Wyoming

Neil Theobald
Vice President for Finance and Administration
Deputy Treasurer, Board of Trustees

ACKNOWLEDGEMENT

STATE OF WYOMING)
) SS
COUNTY OF ALBANY)

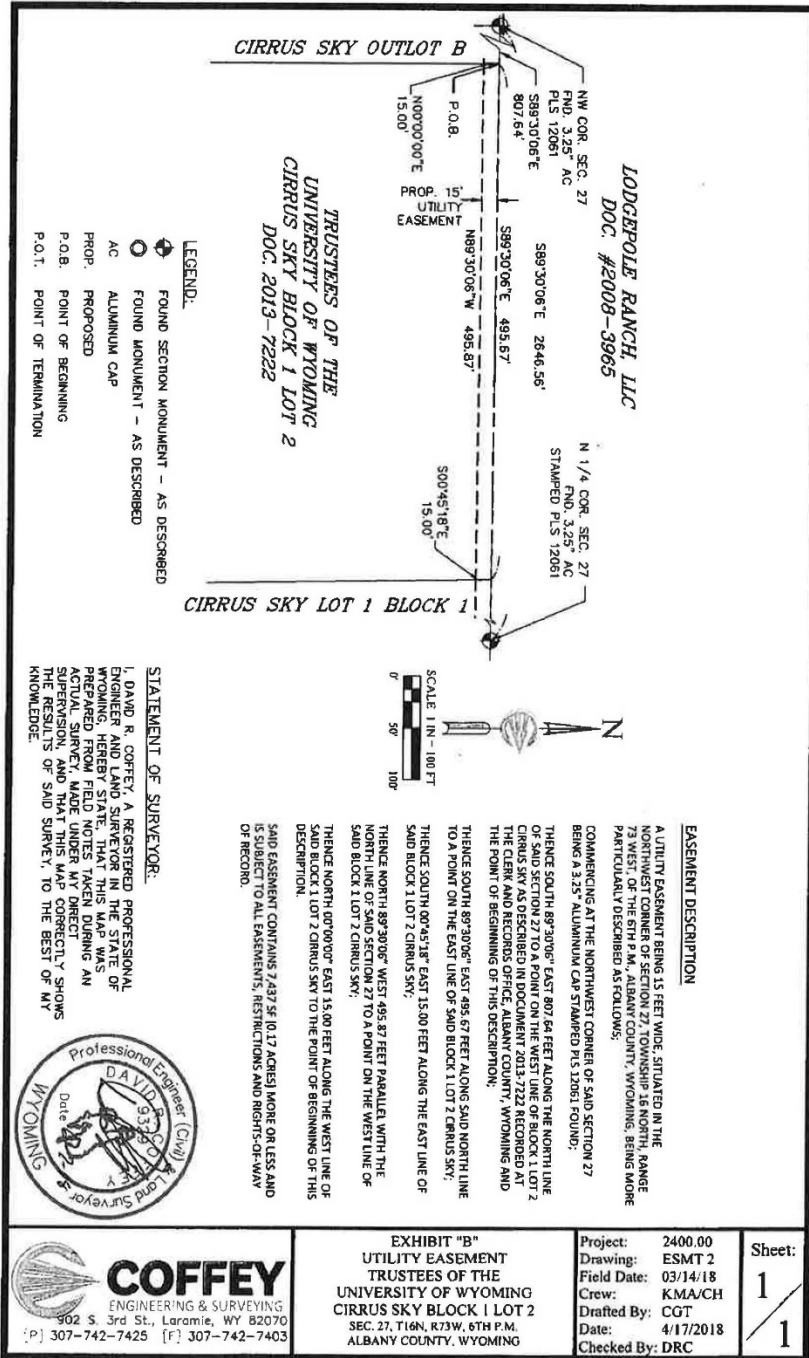
The foregoing instrument was acknowledged before me by Neil Theobald as Vice President for Finance and Administration, Deputy Treasurer, Board of Trustees, this _____ day of _____, 2018.

Witness my hand and official seal.

Notary Public

My Commission expires: _____.

EXHIBIT "A"



AGENDA ITEM TITLE:

Presentation from the Faculty Athletic Representation (FAR), Alyson Hagy

MEASURING SUCCESS

	FB	MBB	WBB	VB	SOC	WR	WSW	MSW	MGOLF	WGOLF	TEN	MXC/TR	WXC/TR
<i>GSR Info (All Division I)</i>													
2017-2018	77	81	90	93	93	78	95	88	88	94	95	82	90
2016-2017	76	78	89	92	93	77	94	88	87	93	94	81	89
2015-2016	74	76	87	92	91	75	93	87	86	93	93	80	88
2014-2015	72	74	86	91	90	76	93	86	84	92	93	79	86
2013-2014	71*	72	85	91	90	75	92	86	84	91	92	78	86
2012-2013	70*	70	85	89	89	74	91	84	84	91	91	76	85
2011-2012	68*	68	84	89	89	74	92	85	82	90	90	76	84
2010-2011	67*	66	84	88	89	73	91	85	81	88	89	76	85
2009-2010	67*	65	83	88	89	72	91	85	81	88	89	74	85
2008-2009	67*	64	83	88	89	72	91	83	80	88	89	75	85
2007-2008	67*	62	82	88	89	72	90	83	79	87	89	74	84
2006-2007	67*	61	81	88	89	70	91	82	79	87	88	74	83
2005-2006	65	59	82	87	88	69	91	81	78	87	88	74	83
2004-2005	64	58	81	86	87	66	91	81	77	87	88	73	83

* = GSR for FBS

	All Student-Athletes	FB	MBB	WBB	VB	SOC	WR	WSW	MSW	MGOLF	WGOLF	TEN	MXC/TR	WXC/TR
<i>GSR Info (Wyoming)</i>														
2017-2018	82	78	64	77	100	89	67	90	90	100	88	100	79	87
2016-2017	82	78	71	69	100	86	72	90	87	86	88	100	81	82
2015-2016	80	73	64	64	100	91	75	91	83	88	86	100	78	77
2014-2015	77	67	54	76	100	90	80	96	71	75	100	100	70	79
2013-2014	77	69	64	82	91	95	81	92	65	75	100	89	61	75
2012-2013	75	65	29	88	88	100	67	96	70	80	100	89	47	81
2011-2012	71	63	22	93	78	89	64	90	68	75	100	89	63	71
2010-2011	73	64	22	93	73	83	54	90	80	100	100	88	68	76
2009-2010	74	55	46	100	82	86	64	86	80	100	100	89	69	79
2008-2009	73	54	50	93	80	85	79	86	71	100	100	86	67	81
2007-2008	76	54	56	93	82	92	83	91	71	100	100	83	59	94
2006-2007	81	63	67	93	88	96	92	90	83	100	100	83	50	93
2005-2006	85	73	60	93	86	95	93	95	91	100	100	100	62	92
2004-2005	86	79	50	100	88	93	92	100	90	100	100	100	70	90

RED HIGHLIGHT = Below Division I Average

	All Students	All Student-Athletes	FB	MBB	WBB	MXC/TR	WXC/TR	Other (M)	Other (W)	Exhausted Eligib.
Fed Graduation Rates (6-Year)										
2011-2012	58%	63%	50%	40%	50%	80%	89%	44%	84%	N/A
2010-2011	55%	67%	47%	0%	100%	60%	75%	72%	75%	N/A
2009-2010	55%	57%	73%	64%	64%	78%	77%	81%	92%	N/A
2008-2009	54%	59%	10%	0%	60%	100%	75%	71%	50%	N/A
2007-2008	54%	72%	74%	50%	75%	71%	56%	82%	74%	N/A
2006-2007	54%	60%	36%	0%	67%	75%	56%	82%	69%	N/A
2005-2006	53%	54%	50%	0%	100%	33%	75%	36%	72%	N/A
2004-2005	53%	51%	61%	33%	60%	0%	64%	31%	48%	N/A
2003-2004	55%	57%	43%	0%	29%	33%	40%	55%	88%	N/A
2002-2003	53%	56%	50%	0%	100%	50%	0%	78%	60%	93%
2001-2002	57%	62%	56%	100%	75%	0%	100%	50%	71%	100%
2000-2001	54%	45%	27%	***	***	50%	***	40%	67%	87%
1999-2000	58%	62%	68%	0%	50%	0%	75%	42%	56%	85%
1998-1999	56%	52%	32%	20%	80%	67%	60%	62%	75%	85%

Not public

***FERPA regulations require that these data be suppressed - data with 3 or less subjects must be suppressed on the published form

	All Students	All Student-Athletes	FB	MBB	WBB	MXC/TR	WXC/TR	Other (M)	Other (W)	Exhausted Eligib.
Fed Graduation Rates (4-Year)										
2011-2012	56%	62%	47%	20%	50%	75%	78%	61%	69%	N/A
2010-2011	55%	64%	54%	22%	57%	73%	71%	72%	67%	N/A
2009-2010	54%	63%	51%	20%	53%	73%	70%	72%	66%	N/A
2008-2009	54%	62%	52%	18%	73%	67%	69%	67%	68%	N/A
2007-2008	54%	60%	57%	25%	73%	50%	66%	57%	66%	N/A
2006-2007	54%	55%	48%	10%	56%	25%	64%	48%	70%	N/A
2005-2006	54%	54%	51%	11%	59%	41%	52%	48%	68%	N/A
2004-2005	54%	56%	47%	33%	58%	48%	54%	54%	71%	N/A
2003-2004	55%	58%	41%	57%	60%	50%	53%	59%	76%	N/A
2002-2003	56%	59%	44%	50%	71%	50%	64%	59%	72%	N/A
2001-2002	57%	58%	39%	42%	71%	55%	71%	56%	75%	94%
2000-2001	56%	58%	43%	46%	69%	40%	70%	53%	71%	93%
1999-2000	56%	55%	42%	27%	61%	45%	63%	52%	72%	92%
1998-1999	55%	52%	46%	27%	63%	42%	60%	49%	67%	90%

Not public

AGENDA ITEM TITLE: Information: Geography Department Update, Kate Miller

Office of Academic Affairs
Dept. 3302 • 1000 E. University Avenue
Laramie, WY 82071
(307) 766-4286 • (307) 766-6476 • fax (307) 766-2606

www.uwyo.edu/acadaffairs



**Proposal to Reorganize, Consolidate, and Reduce Academic Degree Programs
in Geography at the University of Wyoming**

November 1, 2018

Under the auspices of University Regulation 2-13, the Division of Academic Affairs here presents a proposal to reorganize, consolidate, and reduce degree programs in Geography. This proposal has as its heart, two guiding principles: first, that Geography as a field of research and knowledge is and should remain an important and vibrant option at UW. Second that, at this time, it is not in the University's interest to serve that need through a stand-alone academic department. Instead, this proposal lays out an alternative structure for teaching, research, and service in Geography. Consistent with its first guiding principle, *the proposal recommends re-homing all faculty members in the department to other academic units*. No staff members are affected.

Major reasons for this recommendation are: a) enrollments are low in most programs; b) there are now insufficient financial resources to deliver the existing curriculum and degree programs in Geography, and c) the current offerings at the undergraduate level are replicable within other existing or proposed degree programs. These include existing programs housed in the Haub School of the Environment and Natural Resources, course work provided by faculty members with expertise in Geography and GIScience with homes in other units, and interdisciplinary multimodal curricula and programs in geospatial information science and technology that are being prepared for approval by the Board of Trustees. This situation qualifies these degrees for review under section III of the Regulation.

In accordance with University Regulation 2-13, this proposal is subject to review and comment by: students currently enrolled in the academic program, the academic degree program's staff and faculty, the academic degree program's school/college, the Associate Vice Provost for Undergraduate Education and the Associate Vice Provost for Graduate Education.

After reviewing submitted comments and making any necessary revisions, the Provost will submit the revised proposal, including a recommendation and supporting materials to the Faculty Senate, ASUW Senate, Staff Senate, and AA Deans and Directors for review and comment. The Provost will then review all submitted comments and provide a final proposal and recommendation to the President.

As required by University Regulation 2-13, the President shall make a final recommendation to the Board of Trustees within a maximum period of 120 days from the date of the release of this document, in this case, March 1, 2019.

Background

UW's Geography programs provide an education focused on spatial thinking and techniques, as well as human interactions with the physical environment. The interdisciplinary skills and knowledge provided to students in these programs are important to UW in the ways that they support environmental studies, Geography teachers for K-12 schools, and the exploding field of Geographic Information Science and Technology.

Coursework in geography was offered at UW as early as 1945 through the Department of Economics, Sociology, and Anthropology. A Geography Department was established in 1966, offering both bachelor's and master's level degrees. In the early 1980s, the department was re-named the Department of Geography & Recreation, as it hosted a program in outdoor recreation planning and management. By the late 1990s, the recreation and tourism faculty had dissolved, and the academic program was officially ended by 2005 due to perceived issues with academic quality.

In response to requirements laid out in the No Child Left Behind (NCLB) Act (2002), the Colleges of Education and Arts and Sciences did collaborate to establish three concurrent majors for students in the Secondary Social Studies Education degree: Geography, History, and Political Science. This move allowed the Secondary Social Studies Education degree to meet the NCLB criteria of "highly qualified teacher".

Concerned about its direction, Dean Paula Lutz and then Vice President for Academic Affairs David Jones engaged a team of external experts to visit the department and provide a report of their findings in the fall of 2015. The report assumed that the only option for supporting Geography at UW was as its own administrative unit. Nevertheless, the report's conclusions and recommendations are well aligned with this proposal's guiding principle that Geography as a field of research and knowledge is and should remain an important and vibrant option at UW. In fact, the closing paragraph of the report states:

"This is a time when the importance of geography is being increasingly recognized, when the university is tying its core mission to issues that are central to geography, and when geographic expertise is much needed to address the socioeconomic and environmental changes buffeting the State of Wyoming. At the same time, it is also a moment when the UW geography department is facing unprecedented challenges. It is clearly in the long-term interests of the institution to have a strong, vibrant geography program on campus."

Since 1990, the Geography Department has hosted the Wyoming Geographic Alliance (WGA), Wyoming's chapter of the National Geographic Society's National Geographic Alliance. According to its bylaws, the WGA is dedicated to facilitating geographic knowledge and literacy by providing professional development opportunities for educators, quality materials and experiences for students, and general information for the community at large. Over the last 25 years, it has hosted numerous summer institutes for teachers and annually hosts the State Geography Bee.

The department identifies faculty expertise in cultural geography, political geography, climatology, geovisualization, geospatial analysis, big data science, GIS, planning, environmental

change, biogeography, and conservation. The department sees its interdisciplinary connections across campus as a particular strength and its intellectual niche on campus as being “at the intersection of Environment and Society,” although other units also identify this domain as their primary area of focus, such as the Haub School.

The department has long cultivated interdisciplinary inquiry with cross-university collaboration with units such as American Studies, American Indian Studies, Global and Area Studies, and the Haub School of Environmental and Natural Resources. Collaboration across campus has been intellectual and academic as many of the units affiliated with UW Geography have faculty trained in geography. Examples include Botany, Geology and Geophysics, the School of Politics, Public Affairs, and International Studies, Ecosystem Science and Management, and the Wyoming Geographic Information Science Center (WyGISC).

Founded in 1996, WyGISC is an interdisciplinary research center focused on the development of geospatial information and technologies and their applications in science, education, government and business. Whereas three WYGISC faculty are also currently affiliated with the Geography Department, this unit has long reported directly to the Provost's office.

Since its beginning, WyGISC has led the establishment of geographic information science as a critical area of science and technology related to energy, earth and computational science, and made significant contributions to place-based planning, management, and problem-solving in the environment and natural resources arena. In December 2017, the Provost's Spatial Sciences Initiative Task Force recommended that WyGISC lead the development of a new cross-college interdisciplinary Geospatial Information Science & Technology (GIST) program focused on multi-mode delivery of innovative, undergraduate, graduate, and professional GIST curricula. The Notice of Intent for the new programs had been approved by the Board of Trustees, and the full feasibility study is under development, with anticipated Board consideration in spring 2019.

Present Status of the Department of Geography

In Fall of 2016, The Department of Geography was one of 14 small units in the Arts of Sciences that was directed to find a home with another unit as part of Dean Paula Lutz's initiative to create administrative efficiencies as well as assure the viability of all departments with the College. By fall of 2017, the number of departments in the college had been reduced from 30 to 21, with only one small department, Geography, without a new home.

This, coupled with, the extant dispersal of geographic expertise in a number of other departments, low enrollment in existing Geography degrees combined with the availability of the ESS degree in the Haub School and strong campus-wide interest in developing interdisciplinary academic programs in Geographic Information Science Technology, as well as the need to provide instruction in geography in the most financially prudent way possible, has led to this proposal.

The present state of the department is outlined below, and a case is made for why its academic programs can no longer be delivered in their current configuration. A proposed

consolidation and reorganization are outlined, followed by a teach-out plan for existing students.

Faculty

The faculty of the department (Table 1) is comprised of four (4) tenure-track faculty (not including a faculty member retiring in December 2018) and two (2) visiting professors. There is additionally one (1) adjunct professor who teaches online, not listed in Table 1. There are also three (3) research scientists (RS) at the Wyoming Geographic Information Center (WyGISC) who have partial appointments (0.25 FTE) on the Geography faculty; one faculty member in the School of Politics, Public Affairs, and international Studies has a partial (0.25 FTE) appointment in Geography. The faculty by rank and expertise are below and those with partial 0.25 FTE appointments are notated.

Table 1: Existing Geography Faculty by Rank and Expertise

Expertise	Faculty Member and Rank
<i>GIScience</i>	Jeffrey D. Hamerlinck (Senior Research Scientist, Director WyGISC) (0.25)
	Shannon E. Albeke (Associate Research Scientist, WyGISC,) (0.25)
	Paddington Hodza (Research Scientist, WyGISC) (0.25)
	Chen Xu, Assistant Professor
<i>Social/Cultural Geography</i>	Yi- Ling Chen, Associate Professor (0.25)
	Nicholas Crane, Assistant Professor
<i>Biogeography,/Paleoecology</i>	Thomas Minckley, Associate Professor
<i>Climatology</i>	Jacqueline "J.J." Shinker, Associate Professor
<i>Food Systems, Sustainability, Qualitative Methods, Tourism</i>	Richard Vercoe, Visiting Professor
<i>Geomorphology</i>	Erich Mueller, Visiting Professor

Those faculty and research scientists with GIScience expertise (notated with an asterisk in Table 1), can join WyGISC in a reorganization, and in turn support the proposed interdisciplinary geospatial information science & technology curriculum. The faculty member primarily in the School of Politics, Public Affairs, and International Studies already has a primary academic home. There are three other tenure-track faculty members in the department who can be moved, in accordance with University of Wyoming Regulation 2-13, to other appropriate departments, as discussed on page 8 of this proposal.

Existing Academic Programs and Student Population

The Geography Department offers three graduate degrees, two undergraduate degrees, a concurrent degree with the College of Education, and three undergraduate minors as follows:

- Graduate Offerings
 - MA in Geography
 - MST (Master of Science in Teaching) in Geography
 - MP (Master in Planning)
- Undergraduate Offerings:
 - Geography (BA)
 - Geography (BS)
 - Concurrent degree with the College of Education Social Studies Education degree
 - Geography Minors
 - Geography
 - Geographic Information Sciences
 - Planning

As *Tables 2 and 3* illustrate, the faculty is struggling to deliver their programs with the current level of resources allocated to the Department. Even with two visiting professors, faculty resources are insufficient to support programs with six academic degree offerings and three minors.

Specific examples include:

- From 2011-17, the numbers of graduates across all 3 undergraduate programs have ranged only between 14-20 students per year;
- Between 2011-17, an average of 5 students graduated in the MA Geography programs per year;
- Between 2011-17, only one or fewer students have graduated annually with the Masters in Planning.
- The Masters of Science Teaching in Geography has had no graduates since 2011.
- Graduates with minors in Geography have dropped from 6 in 2011-12 to 2 in 2016-2017.

Further, of the 112 Geography courses (Appendix A) currently listed in the catalog, 30 (27%) have not been taught in the past 5 years

Table 2: Preliminary Headcount for All Geography Programs - Day 5 of the Fall 2018 Semester

Preliminary Headcounts
 Fall 2018 Day 5

Program	Primary Majors	Secondary Majors	Total Majors
BA in Geography	9	4	13
BS in Geography	39	1	40
MA in Geography	13	1	14
Master in Planning	1	0	1
MST in Geography	2	0	2
Grand Total	64	6	70

Undergraduate Minors	
Geographic Information Science	10
Geography	5
Planning	0
Total Minors	15

Overlap with Existing Academic Degree Programs

The current degree offerings at the undergraduate level are replicable within other majors in other colleges (e.g. within the Haub School). An interdisciplinary multimodal curriculum and program in spatial sciences – an evolution in curriculum and structure critical to UW – requires that the institution takes a hard look at the current deployment of resources and minimize areas of replication.

The overlap with other curricula can be seen in the comparison between the Environmental System Science program and the Geography undergraduate curriculum (Table 4). The ESS degree captures much of the same content that a student with interests in physical geography or natural resource management might take within the Geography degree thereby offering students with those interests a comparable degree at UW.

The ESS program, which was revised and re-homed to the Haub School in 2016, is thriving as a result of the opportunity that was recognized to renovate the curriculum and organization. As a result, the program has gone from 6 students enrolled in its earlier incarnation (Spring 2015) to 84 students enrolled (Fall 2018). The rapid growth of ESS together with the content overlap with Geography programs that, suggests that ESS has more appeal to students. In addition, both the Haub School's Environment and Natural Resource concurrent major and new degree in Outdoor Recreation and Tourism Management offers students significant opportunities to study human-environment interactions common to the discipline of Geography. There are also faculty across campus with substantial expertise that allow students to pursue interests related to nature and society relations and human-environment interactions. The proposed new GIST programs will be well positioned to meet student interests in the spatial sciences.

Recommendations

The following steps should be taken to reorganize, consolidate, and reduce academic programs in Geography:

- Suspend enrollment in all existing Geography degree programs, minors and certificates, with the exception of the Geography undergraduate minor;
- Discontinue the following degree programs: Geography BA, BS, the Concurrent degree with the College of Education Social Studies Education degree, the current geographic information science certificate, the Geographic Information Sciences minor, the Planning minor and the MST in Geography
- “Teach out” currently enrolled students where possible, transferring remaining students to other degrees offered on campus as appropriate;
- Transfer Geography faculty with Geographic Information Science expertise to the WyGIS, where they will support the new Geospatial Information Science & Technology (GIST) curriculum, the Notice of Intent for which was reviewed and approved by the Board of Trustees at its June 2018 meetings. These faculty would include Jeffrey D. Hamerlinck, Senior Research Scientist, Director WyGIS; Chen Xu, Assistant Professor; Shannon E. Albeke, Associate Research Scientist; and Paddington Hodza, Associate Research Scientist.
- Transfer the undergraduate Geography minor to Geology and Geophysics;
- Support students remaining in the M.A. in Geography and M.P. in Planning through the College of Arts and Sciences' Dean's Office;
- Re-home the remaining faculty into other schools or departments where they can be successful;
- Convene and complete the work of a taskforce to consider the continuing viability of the M.A. in Geography and Masters of Planning over FY 20;
- Re-home the Wyoming Geographic Alliance campus program to ensure its future success; and
- Redeploy remaining faculty members and financial resources to accommodate growth of the proposed GIST programs as well as support the Geography minor and other continuing degrees.

Table 3: Degrees Awarded – Academic Years 2013 - 2017

Degrees Awarded in the Department of Geography

Primary Degrees Awarded	Academic Year*				
	2012-13	2013-14	2014-15	2015-16	2016-17
Cert in Geographic Information Science & Technology	0	1	0	0	0
BA in Geography	4	3	5	2	2
BS in Geography	14	14	7	16	14
MA in Geography	6	7	2	5	2
Master in Planning	1	1	1	1	0
MST in Geography	0	0	0	0	0
Total Primary Degrees	25	26	15	24	18
Secondary Degrees Awarded					
BA in Geography	1	2	1	1	1
BS in Geography	0	0	1	1	0
MA in Geography	0	0	0	0	0
MA in Interdisc Water Resources	1	0	1	4	1
Master in Planning	0	0	0	0	0
MST in Geography	0	0	0	0	0
Total Secondary Degrees	2	2	3	6	2
Total Degrees Awarded					
Cert in Geographic Information Science & Technology	0	1	0	0	0
BA in Geography	5	5	6	3	3
BS in Geography	14	14	8	17	14
MA in Geography	6	7	2	5	2
MA in Interdisc Water Resources	1	0	1	4	1
Master in Planning	1	1	1	1	0
MST in Geography	0	0	0	0	0
Total Degrees	27	28	18	30	20
Undergraduate Minors					
Geographic Information Science	1	1	1	2	2
Geography	5	2	1	1	0
Planning	0	0	0	0	0
Total Minors	6	3	2	3	2

*The academic year includes fall, spring, & summer terms. For example, 2012-13 includes December 2012, May 2013, & August 2013.

SOURCE: Banner Student Information System & Historic OIA files.

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 OIA:SDW
 10-Sep-18

Table 4: Comparison between the Environmental System Science and Geography Undergraduate Degree Requirements
Highlights indicate overlapping requirements

Environmental System Science (68+ credit hours) Major in ESS requires declared minor in another area	Geography BA/BS (40 credit hours)
Foundations (23 credits)	Core Requirements (14 credit hours)
Intro to Systems Science (3 credits)	Geography 1000 World Regional Geography
Foundation of Bio Sciences ENR 1200 or LIFE 1010	Geography 1010 Intro to Physical Geography
Foundation of Earth Sciences ENR 1500, GEOG 1010 or GEOL 1100	Geography 1020 Intro to Human Geography
Foundation of Physical Sciences CHEM 1020, ESS/GEOL 2000 or PHYS 1110	Geography 2150 Foundations of GIS and Tech
Spheres (15 credits)	Content Area Requirements (26 credits) Must include 2 courses in each of 2 areas with courses across 3 of the 4 content areas
Anthrosphere (1 course) ANTH/ENR 4310 ENR/ GEOG 4040 or SOC 3950	Human Geography (2 courses)
Atmosphere (1 course) ATSC 2000, ATSC 2100, GEOG 3450 , or GEOL 3500	Physical Geography GEOG 3450 (an option) GEOG 3480 (an option)
Biosphere (1 course) GEOG 4460 , LIFE 2022, or LIFE 2023	GIS (2 courses) GEOG 4111
Lithosphere (2 courses) GEOG 3480 or GEOL 3500 AND ENR/REWM 4285, GEOL 2150, GEOL 3010, REWM 4700	Natural Resource Mgmt GEOG 4040 (an option) GEOG 4460 (an option)
Skills and Tools	
Calculus (1 course) Math 2200	
Data Analysis (1 course) ENR 4500 or GEOL 4525	
GIS/Remote Sensing (1 course) ANTH 4106, BOT/ GEOG 3150 , BOT/GEOG 4111 , or GEOG 2150	
Applied Experience (1 course) ESS 4970	

*Both degrees include courses that can fulfill University Studies Program (USP) requirements; USP requirements apply to all UW majors.

Note that the credit difference is largely due to the requirement that the ESS major requires a declared minor in another area, and has specific Skills and Tools that are embedded in the major.

Geography Minor

Retaining an undergraduate Geography minor allows continued recognition of the importance of the discipline, permits existing faculty to continue teaching in their areas of expertise, and continues to support the need for K-12 education in Geography. Currently the College of Education offers a Social Studies degree with concurrent major in geography. While not as extensive, the undergraduate minor will provide sufficient training to meet curricular needs at the K-12 level by providing the coursework necessary for students in the Social Studies degree with concurrent majors in History and Political Science.

The undergraduate minor has the following requirements in Geography, totaling 20 credit hours:

Required Courses - 11 hours

- GEOG 1010 Intro to Physical Geography (4)
- GEOG 1020 Intro to Human Geography (3)
- GEOG 2150 Foundations of GIS and Technology (4)

Electives - 9 hours chosen from:

- One 3000+ level course in human, cultural, or economic geography (3)
- One 3000+ level course in physical, environmental, or resource geography (3)
- Any other geography course(s)

Wyoming Geographic Alliance (WGA)

The Wyoming Geographic Alliance promotes Geography education across the state. UW's leadership role in the WGA will continue along with our commitment to the teaching of Geography at UW. WGA coordination will stay with a current Geography faculty member in the near term, and a stakeholder group will be convened to assist in discerning where its stewardship can thrive going forward.

UW Foundation Endowments

The Foundation Accounts for the department includes three accounts supporting faculty and staff enrichment, the department, and students through scholarships. These accounts would be distributed as follows:

- Faculty enrichment funding would proportionally follow the faculty to their new academic homes, as would departmental enrichment/excellence funding.
- Student scholarship funding would be awarded to students minoring in Geography, or in appropriate geography-related fields.

Teach-Out Plan

MA in Geography

The MA in Geography requires the following:

- GEOG 5000 Research Perspectives (3)
- GEOG 5001 Research in Geography Colloquium (2)
- GEOG 5002 Geography Graduate Seminar (1)
- Two technique courses totaling six or more credit hours.
- Thesis

Of the 14 students currently enrolled in the MA, all would have completed the GEOG 5000 requirement by the end of Fall 2018. The remaining required courses would be offered in Spring and Fall 2019. Techniques courses would remain available, and students would work individually with faculty advisors to complete their thesis and degree program.

Admissions to the MA in Geography would be suspended while a task-force convenes to determine the continued viability of the degree, perhaps, in the Haub School of Environment and Natural Resources.

Masters of Planning

Remaining students in the MP program would work with faculty advisors to complete required coursework and finish the thesis or plan B paper. Admissions to the Masters of Planning program would be suspended while a task force convenes to determine the continued viability of the degree.

MST in Geography

Admissions to the MST in Geography will be suspended, and it is recommended that this degree be discontinued. Remaining students in the MST program will work with faculty advisors to complete required coursework and finish the thesis or plan B paper.

BA and BS in Geography

The BA and BS in Geography requires 14 credit hours of core requirements: GEOG 1000; GEOG 1010; GEOG 1020; and GEOG 2150. As subject matter critical to the Geography Minor, the College of Education Social Studies Education degree, and continuing education in geography for the liberal arts, each of the above courses would continue to be delivered every year.

In addition to the core requirements, the BA/BS in Geography requires 26 credit hours distributed among three content areas with at least two courses in each of two areas:

- Human Geography
- Physical Geography
- Geographic Information Science (GIS)
- Natural Resource Management

Current resources would allow for classes in these distributed content areas to be offered to remaining majors, with appropriate substitutions where necessary, over the next five to six years. Students would be advised by existing faculty and/or professional advisors to ensure proper enrollment. Students early in the major would be advised regarding alternative curricula in GIS&T and the Haub School of Environment and Natural Resources. Students currently enrolled in the Social Sciences Education degree with a concurrent major in Geography will be advised by faculty and/or professional advisors to ensure proper enrollment to complete their degree.

In the process of discontinuing a program, every reasonable effort would be made to allow students to complete their degrees. Program or campus transfers would be made if mutually acceptable to the student and the receiving department. Students would be provided advising assistance with respect to their academic program options.

Prospective Students. Efforts would be made to inform any student who has formally signaled an interest in Geography programs and to explain to them, through appropriate advisors across campus, what other program options are available. Admissions should consult with the College of Arts and Sciences to flesh out those options.

Stopped-out Undergraduate Students. A stopped-out student is one who was a previously enrolled degree-seeking student who suspended enrollment for one or more fall and/or spring term and who subsequently seeks to re-enroll). Stopped-out undergraduate students will not be re-admitted to an academic degree program that has been suspended or discontinued. Advising will be provided to allow such students to find an appropriate new academic degree program. The Director of the Advising, Career, and Exploratory Studies Center (ACES) will be contacted to assist in planning advising considerations.

Appendix A: Current Courses List

- 1000 [G&R 1000]. World Regional Geography. 3.** Covers the distributions, traits, and processes of the Earth's peoples and landscapes through the perspective of regional geography, which is the study of the spatial relationships of natural environments and human societies. Equivalent to INST 1060. Credit cannot be earned in both GEOG 1000 and INST 1060.
- 1010 [G&R 1010]. Introduction to Physical Geography. 4.** Systematically studies natural aspects of geographic environments, including weather and climate, landforms, soils and vegetation. Lab fee required.
- 1020 [G&R 1020]. Introduction to Human Geography. 3.** Analyzes spatial patterns of and interaction between the world's great cultural systems. Includes settlement patterns, behavioral patterns, agricultural land use and resource utilization.
- 1050 [G&R 1050]. Introduction to Environment and Natural Resources. 3.** Examines human interaction with environment, ranging from regional to global scales, from perspectives of environmental effects on human life, human effects on environment and approaches to environmental management.
- 1101. First-Year Seminar. 3.**
- 2150 [G&R 2150]. Foundations of Geo Information Science and Technology. 4.** Overviews the role of geographic information and technology in modern society. Includes discovery and accessing geospatial data and information for both research and enjoyment, with an emphasis on reading and analyzing maps and visualizations to support geographical reasoning. Lab provides hands-on experience working with maps and related geographic information technologies.
- 2370. Chicano History: Origins to 1900. 3.** General survey that traces the geographic distribution and historical processes that have shaped the life experiences, socio-economic development and cultural contributions of peoples of Mexican descent in the United States from their indigenous and Hispanic origins to the end of the 19th century. Cross listed with CHST/HIST 2370.
- 2550 [G&R 2550]. Recreation and Natural Resources. 3.** Introduces outdoor recreation agencies and programs; supply and demand for outdoor recreation resources; and relationship of recreation to the conservation of natural resources.
- 3010 [G&R 3010]. Geomorphology of Earth's Dynamic Landscapes. 3.** A Systematic exploration of Earth's surface, emphasizing the geographic distribution of various landforms and their evolution over time. Introduces general geomorphic principles and describes the application of these principles to specific landscape features. The processes that drive landscape change are examined through case studies, computer-based mapping exercises, and basic calculations. *Prerequisites:* One of the following: MATH 1050, 2200, 2205, STAT2050, 2070 and either GEOG 1010 or GEOL 1500.
- 3030 [G&R 3030]. Geography and Development. 3.** Examines distribution of wealth and poverty in the world; theories of development, from traditional modernization theories through Marxist critiques and sustainable development; and case studies from around the world of development successes and failures, chosen to illustrate and illuminate theories of development. *Prerequisite:* GEOG 1000 or 1020 or 9 credit hours of social science with global focus.
- 3050 [G&R 3050]. Economic Geography. 3.** Economic Geography is the study of the location, distribution and spatial organization of economic activities across the globe; specifically, how the economic realm is intertwined with other spheres of international social life. It explores the inherent logics and

mechanisms of the capitalist system, and the social and spatial inequalities that result. *Prerequisite:* 6 hours of Social Sciences or International Studies.

- 3150. Survey of Remote Sensing Applications. 3.** Provides an introduction to remote sensing with a survey of applications in different fields. It includes a brief introduction to fundamental of remote sensing and surveys applications of aerial photography, multi-and hyperspectral, active and thermal remote sensing, and global change remote sensing. Cross listed with BOT 3150. *Prerequisites:* completion of a USP QA course and one science course with laboratory.
- 3280. Spatial Methods. 4. [none]<-COM3** Introduction of statistical methods for the analysis of geo-spatial data; point, line/network, and areal units. The application of quantitative measurements to examining the spatial relationship of physical and socio-economic factors in problem-solving. *Prerequisites:* at least one geography course and completion of either STAT 2010, 2050, or 2070.
- 3400. Traditional Ecological Knowledge. 3.** Description of the interaction between economy, religion, language and the ecosystem for select indigenous peoples and discussion of the pedagogical methods for preserving their ecological knowledge. An examination of the conflict between contemporary society's demands and preserving traditional society's heritage. Cross listed with AIST 3400. *Prerequisite:* one course in American Indian culture.
- 3450 [G&R 3450]. Weather and Climate. 3.** Systematically examines elements and controls of weather and climate with application to regions. Cross listed with ENR 3450. *Prerequisite:* GEOG 1000, 1010 or 1020.
- 3480 [G&R 3480]. Environmental Change. 3.** Examines changes in the bio-physical environments and landscapes of Earth during its habitation by humans. Emphasizes integrated approaches to understanding environmental changes based on climatological, ecological, geological, archeological, and historical evidence. Explores how humans have modified Earth's environments and how societies have responded to natural and anthropogenic environmental change. Cross listed with ESS 3480. *Prerequisites:* GEOG 1010 or any USP S, SB, SE or SP/PN course; any WA/COM1 course.
- 3550 [G&R 3550]. Natural Hazards and Society. 3.** Considers societal structures and processes as they interact with hazards in the natural environment.
- 4000 [G&R 4000]. Terrain Analysis. 3.** Studies techniques for acquiring and analyzing spatial data from maps, remotely sensed imagery and field surveys for landscape assessment. Emphasizes deriving maps that describe physical suitability of landscapes for specific human activities. Field trip required. *Prerequisites:* GEOG 2150 and junior standing.
- 4013. Political Geography. 3.** Geographic space is subdivided into political units to aid human interaction and to facilitate political processes. Examines the spatial organization of political space and its effects upon political processes at varying geographic scales ranging from the local to international. Dual listed with GEOG 5013; cross listed with POLS 4013. *Prerequisite:* GEOG 1000 or 1020, or 9 hours of social science.
- 4020 [4420]. Geography and Tourism. 3.** Studies concepts, methods, conflicts and opportunities of national and international tourism. Emphasizes recreation and the environment. *Prerequisites:* GEOG 1000.
- 4040 [G&R 4040]. Conservation of Natural Resources. 3.** Geographically analyzes conservation of natural and human resources, as well as political, social and ethical ramifications of our environmental policy. Cross listed with ENR 4040. *Prerequisite:* 6 hours of geography or ENR.
- 4051 [G&R 4051]. Environmental Politics. 3.** Analyzes environmentalism as a political phenomenon. Provides students with a basic understanding of how to analyze political issues by: (1) examining the historical and contemporary issues that produce controversy over environmental matters; and (2) surveying the

impacts of these issues on the formulation and implementation of laws, policies, and regulations. Cross listed with AMST, ENR, POLS and REWM 4051. *Prerequisite:* POLS 1000.

4052 [G&R 4052]. Federal Land Politics. 3. Examines the political forces that have shaped and continue to shape federal land policy and management. Explores the interactions between democratic decision making and science in the management of federal lands. Surveys the sources of controversy over federal land management and methods for harmonizing public demands with technical expertise. Cross listed with POLS/ENR/AMST/REWM 4052. *Prerequisite:* POLS 1000.

4080 [G&R 4080]. Management of Major River Basins. 3. Examines geography of water resources, including distribution, water as a resource and water as a hazard to humans. Focuses on water management case studies on the scale of major river basins in North America and elsewhere in the world. *Prerequisites:* GEOG 4040 and junior standing. (Offered based on sufficient demand and resources)

4111. Remote Sensing of the Environment. 4. Combined lecture and laboratory course introduces students to the fundamentals of remote sensing with a strong emphasis on vegetation, land cover and environmental applications. Students learn to use digital spectral data to distinguish characteristics of the terrestrial biosphere important for ecological and land management applications. Dual listed with GEOG 5111; cross listed with BOT 4111. *Prerequisites:* QA and one science course with lab.

4113. Geological Remote Sensing. 4. Acquaints students with aircraft and spacecraft remote sensing of the environment, emphasizing geologic application to earth and other planetary bodies. Includes visible, infrared, ultraviolet, radio and radar sensing. Laboratory exercises are applications related to tectonics, geomorphology, paleoclimate, structure, stratigraphy, environmental geology and geologic hazards. Dual listed with GEOG 5113; cross listed with GEOL 4113. *Prerequisites:* GEOL 1005 or 1100 or 1200 or GEOG 1010 and MATH 1400/1405 or MATH 1450.

4200 [G&R 4200]. Introduction to Geographic Information Systems. 4. Fundamental concepts, theories and applications in geographic information systems and science. *Prerequisite:* GEOG 2150.

4210 [G&R 4210]. Advanced Geographic Information Systems. 4. Advanced study of programs, data structures, and techniques for spatial data display and analysis. Dual listed with GEOG 5210. *Prerequisite:* GEOG 4200.

4211. Advanced Remote Sensing of the Environment. 4. Includes lecture and laboratory. Specific topics include a review of remote sensing fundamentals and methods for using high spatial resolution data, hyperspectral data, active remote sensing, advanced image processing, advanced classification techniques and statistical techniques specific to exploring remotely sensed data. Cross listed with BOT 4211; dual listed with GEOG 5211. *Prerequisite:* BOT/GEOG/GEOL 4111.

4220. Spatial Modeling and Geocomputation. 4. Examines the theory and development of models of spatial patterns and process. Modeling these systems often required techniques not readily available in a GIS environment. Examines GIS and geocomputational methods to solve these problems as well as issues related to error, representation, and scale. Dual listed with GEOG 5220. *Prerequisite:* GEOG 4200/4210.

4310 [G&R 4310]. Foundations of Sustainable Planning. 3. Description and analysis of planning that involves a citizen involvement process to determine the future direction of a community or region. Sustainability concepts are described to provide a framework for social equity, environmental protection, and economic longevity, the fundamental elements of a community or regional comprehensive plan. Dual listed with GEOG 5310. *Prerequisite:* junior standing.

- 4325 [G&R 4325]. Legal Aspects of Planning. 3.** Review of the U.S. Constitution, federal and state laws and statutes, and pertinent court cases that directly relate to planning policy at the federal, state and local level. Examination of the legal system to provide services and protect the health, safety, and welfare of citizens with regard to private property rights. Dual listed with GEOG 5325. *Prerequisite:* junior standing, USP V course.
- 4330 [G&R 4330]. Land Use Planning. 3.** Advanced study of processes expressed as a specific activity on the land. An examination and analysis of the interacting environmental, economic, and social factors that produce the land activity. Dual listed with GEOG 5330.
- 4340 [G&R 4340]. Natural Resource Management on Western Reservations. 3.** Designed to examine natural resource management techniques on western reservations. Topics to be discussed will focus on the management and planning of water, grazing, extractive industries and forestry. Field work on the Wind River Indian Reservation is a part of the class. Cross listed with AIST 4340. *Prerequisite:* 6 hours of 2000-level AIST classes.
- 4370 [G&R 4370]. Environmental Planning. 3.** A planning-oriented approach to ecosystems theory based on the federal/legal regulatory foundation. An examination of scientific and alternative perspectives on the comparative dynamics of natural and human-oriented ecosystems and implementing strategies. Dual listed with GEOG 5370.
- 4390 [G&R 4390]. Rural & Small Town Planning. 3.** A single community planning problem is assigned. Student teams play the role of community planning staff. Teams experience defining community goals; communicating with others about these goals and problem perceptions; accomplishing necessary research; generating various solutions to problems they have perceived; selected from among these solutions, and formulating a single, integrated, comprehensive plan and documenting the plan and rationale behind it. Dual listed with GEOG 5390. *Prerequisite:* work at the 4000-level in one or more of the four substantive areas, and/or consent of the instructor.
- 4400 [G&R 4400]. Natural Resource Policy. 3.** Encompasses administrative policies and programs relating to natural areas. Emphasizes the national park system. *Prerequisite:* GEOG 4750.
- 4440. Advanced Global Climate Variability. 3 (Max. 9).** Climate varies. This fundamental aspect of the climate system can have major environmental and societal impacts to ecosystems, the hydrologic cycle and water resource management in arid environments such as the intermountain west. This course will utilize climate data and mapping tools to understand global and regional climate variability. Dual listed with GEOG 5440. *Prerequisite:* GEOG/ENR 3450 or instructor's consent.
- 4450 [G&R 4450]. Fluvial Geomorphology. 4.** A systematic examination of rivers and related land forms. Emphasizes understanding how processes of flow and sediment transport influence channel form and behavior. Considers rivers systems across a range of scales, from movement of individual sediment particles to organization of continental drainage basins. Explores connections to aquatic ecosystems and human impacts. Dual listed with GEOG 5450. *Prerequisite:* GEOG 3010 or GEOL 2100 or 2150.
- 4455. Remote Sensing of Hydrologic Systems. 4.** Explores the application of remote sensing data and techniques to the study of the hydrological systems and introduces the physical principles that enable the different elements of the hydrological system to be inferred from different types of image data and analysis. Dual listed with GEOG 5455. *Prerequisites:* junior standing and one prior course in remote sensing.
- 4460 [G&R 4460, 3460]. Biogeography. 3.** A systematic study of the distribution of plants and animals, communities and ecosystems, the processes that produce patterns of distribution and their change over

time. Interactions of climate, soil geomorphology, biota and human activities are emphasized. *Prerequisites:* junior standing and GEOG 1010 or LIFE 2022 or 2023.

- 4470 [G&R 4470]. Fire Ecology. 3.** Natural and human-caused fires are an important phenomenon affecting ecosystems and human communities throughout the world. Explores the geography, ecology, and management of fires. Dual listed with GEOG 5470. *Prerequisite:* GEOG 4460, BOT 4700, LIFE 3400 or graduate standing.
- 4500 [G&R 4500]. The American Landscape. 3.** Provides a basis for interpreting the nature and content of the contemporary landscapes of the United States by viewing those landscapes in the process of creation and change and investigates the relationship between landscape and American environmental attitudes. Students are introduced to research techniques and methodologies in historical geography. *Prerequisite:* GEOG 1010 or 1020, or 6 hours in social science.
- 4502. Images of Wyoming and the West. 3.** The West is nothing more than a barren, desolate landscape to some while to others it offers great spiritual and cultural significance. Examines how individuals and groups perceive Wyoming and the West, how such perceptions have been constructed over time, and how these differing views create images of the region both real and imagined. Dual listed with GEOG 5502. *Prerequisites:* GEOG 1000 or GEOG 1020 and junior standing.
- 4550. Geography of Wine. 3.** Examine the regional influence of climate, terrain and cultural characteristics on the production of grape varieties and demonstrate the implications of this influence on the location and distribution of wines produced. Discussion will focus on the world-wide production and consumption of wine and impacts of multi-national corporations. *Prerequisites:* junior standing and at least 21 years of age.
- 4560. Global Cities. 3.** Globalization accelerates urbanization processes and creates a new type of city, the global city. This course introduces debates over global cities, urban culture, new urban landscapes, urban planning practices, and social disparity. It uses case studies on the cities around the world to explore the diversity of global city formation processes. Dual Listed with GEOG 5560; cross listed with INST 4560. *Prerequisite:* 9 hours of international studies or geography.
- 4570. Cultural Geography. 3.** Cultural Geography is an overview in qualitative cultural landscape studies. The course emphasizes what a cultural landscape is, how it can be examined, and what can be learned from such landscapes. Students are exposed to readings in cultural geography from a wide array of viewpoints with an emphasis placed on classic works. Dual listed with GEOG 5570. *Prerequisites:* GEOG 1000 or GEOG 1020 and junior standing.
- 4580 [4572]. Sense of Place. 3.** Examines how individuals and groups perceive specific geographic locations, how such perceptions are constructed, and how these differing views and feelings play out in our everyday. Dual listed with GEOG 5580. *Prerequisite:* GEOG 1000 or GEOG 1020.
- 4590 [4574]. Geography of Conflicts. 3.** Explores the representation of place and how various groups often have differing views of how a place should be represented and/or thought of. Various local representations of contested land use, group place identity, and personal place identity are discussed. Dual listed with GEOG 5590. *Prerequisites:* GEOG 1000 or GEOG 1020 and junior standing.
- 4750 [G&R 4750, 4700]. Public Land Management. 3.** Teaches management of the federal and public lands of the United States. Includes consideration of management issues, agencies and organizations, and management approaches for public lands and associated natural resources. Dual listed with GEOG 5750. *Prerequisite:* 6 hours of geography or ENR.

- 4875 [G&R 4875, 4950]. Independent Studies. 1-6 (Max. 6).** Considers current research topics in consultation with faculty member. Dual listed with GEOG 5875. *Prerequisite:* 9 hours in subject area of topic of current research.
- 4880 [G&R 4880, 4850]. Current Topics. 1-6 (Max. 9).** Special course on a topic of current interest. Dual listed with GEOG 5880. *Prerequisite:* junior standing.
- 4885 [G&R 4885, 4900]. Seminar: _____. 1-3 (Max. 6).** Faculty-student discussion, reading, and study focused on a selected topic and interest. Dual listed with GEOG 5885. *Prerequisite:* GEOG 4750.
- 4960 [4860, G&R 4860]. Field Studies. 1-6 (Max. 6).** Intensive introduction to field methods used in geographic research in one or more of the subdivisions of geography.
- 4965 [4865, G&R 4865]. Directed Studies/Research Problems. 1-6 (Max 6).** Intensive introduction to methods used in geographic research. *Prerequisites:* consent of instructor and at least 12 hours in geography.
- 4990 [4870, G&R 4990]. Internship/Practicum. 1-6 (Max. 12).** Experience in applying student skills and training in an agency, organization, or business. Offered for S/U only. Dual listed with GEOG 5990. *Prerequisites:* for majors only, minimum of 12 hours in the major, junior standing and consent of the instructor.
- 5000. Research Perspectives. 3.** Focuses upon the historical development, heritage and topical breadth of geography. Special emphasis is given to the changing approaches and philosophies for conducting research in geography. *Prerequisite:* graduate student admitted to our program, or, any other student with 15 hours of geography courses.
- 5001. Research in Geography Colloquium. 2.** Colloquium series and discussion to review and critique examples of current research in geography and allied disciplines. This course builds on the theoretical and philosophical foundations from Research Perspectives. *Prerequisite:* GEOG 5000.
- 5002. Geography Graduate Seminar. 2.** Research seminar providing third-semester graduate students a public and formal opportunity to present their research. *Prerequisite:* GEOG 5001.
- 5013. Political Geography. 3.** Geographic space is subdivided into political units to aid human interaction and to facilitate political processes. Examines the spatial organization of political space and its effects upon political processes at varying geographic scales ranging from the local to international. Cross listed with POLS 5013 and dual listed with GEOG 4013. *Prerequisite:* GEOG 1000 or 1020, or 9 hours of social science.
- 5050. Techniques in Environmental Data Management. 4.** Centers on the role of information technology in support of scientific research. Through integration of multiple software packages (e.g. Relational databases, ProgramR and ArcGIS), proven database designs, and SQL scripting, increased efficiency and utility will occur during data analyses. These information science principles are demonstrated using project-based examples. Cross listed with ECOL/ENR 5050. *Prerequisite:* graduate standing.
- 5060. Landscape Ecology. 3.** A study of structure, function, and change in the biosphere on the scale of kilometers. Includes a consideration of the effects of human land uses, natural disturbances, and other processes on landscapes. *Prerequisite:* GEOG 4460 or LIFE 3400 or BOT 4700.
- 5111. Remote Sensing of the Environment. 4.** Combined lecture and laboratory course introduces students to the fundamentals of remote sensing with a strong emphasis on vegetation, land cover and environmental applications. Students learn to use digital spectral data to distinguish characteristics of

the terrestrial biosphere important for ecological and land management applications. Dual listed with GEOG 4111; cross listed with BOT 5111. *Prerequisites:* QA and one science course with lab.

- 5113. Geological Remote Sensing. 4.** Acquaints students with aircraft and spacecraft remote sensing of the environment, emphasizing geologic application to earth and other planetary bodies. Includes visible, infrared, ultraviolet, radio and radar sensing. The laboratory exercises are applications related to tectonics, geomorphology, paleoclimate, structure, stratigraphy, environmental geology and geologic hazards. Dual listed with GEOG 4113; cross listed with GEOL 5113. *Prerequisites:* GEOL 1005 or 1100 or 1200 or GEOG 1010 and MATH 1400/1405 or MATH 1450.
- 5210. Advanced Geographic Information Systems. 4.** Advanced study of programs, data structures, and techniques for spatial data display and analysis. Dual listed with GEOG 4210. *Prerequisites:* GEOG 4200.
- 5211. Advanced Remote Sensing of the Environment. 4.** Includes lecture and laboratory. Specific topics include a review of remote sensing fundamentals and methods for using high spatial resolution data, hyperspectral data, active remote sensing, advanced image processing, advanced classification techniques and statistical techniques specific to exploring remotely sensed data. Dual listed with GEOG 4211; cross listed with BOT 5211. *Prerequisite:* BOT/GEOG/GEOL 4111/5111.
- 5220. Spatial Modeling and Geocomputation. 4.** Examines the theory and development of models of spatial patterns and process. Modeling these systems often requires techniques not readily available in GIS environment. Examines GIS and geocomputational methods to solve these problems as well as issues related to error, representation, and scale. Dual listed with GEOG 4220. *Prerequisite:* GEOG 4200/4210.
- 5310. Foundations of Sustainable Planning. 3.** Description and analysis of planning that involves a citizen involvement process to determine the future direction of a community or region. Sustainability concepts are described to provide a framework for social equity, environmental protection, and economic longevity, the fundamental elements of a community or regional comprehensive plan. Dual listed with GEOG 4310.
- 5325. Legal Aspects of Planning. 3.** Review of the U.S. Constitution, federal and state laws and statutes, and pertinent court cases that directly relate to planning policy at the federal, state and local level. Examination of the legal system to provide services and protect the health, safety, and welfare of citizens with regard to private property rights. Dual listed with GEOG 4325. *Prerequisite:* graduate standing.
- 5330. Land Use Planning. 3.** Advanced study of processes expressed as a specific activity on the land. An examination and analysis of the interacting environmental, economic, and social factors that produce the land activity. Dual listed with GEOG 4330. *Prerequisite:* graduate standing in GEOG.
- 5370. Environmental Planning. 3.** A planning-oriented approach to ecosystems theory based on the federal/legal regulatory foundation. An examination of scientific and alternative perspectives on the comparative dynamics of natural and human-oriented ecosystems and implementing strategies. Dual listed with GEOG 4370. *Prerequisite:* GEOG 4330/5330.
- 5390. Rural and Small Town Planning. 3.** A single community planning problem is assigned. Student teams play the role of community planning staff. Teams experience defining community goals; communicating with others about these goals and problem perceptions; accomplishing necessary research; perceived; selecting from among these solutions, and formulating a single, integrated, comprehensive plan, and documenting the plan and rationale behind it. Dual listed with GEOG 4390. *Prerequisite:* work at the 4000-level in one or more of the four substantive areas, and/or consent of the instructor.

- 5440. Advanced Global Climate Variability. 3 (Max. 9).** Climate varies. This fundamental aspect of the climate system can have major environmental and societal impacts to ecosystems, the hydrologic cycle and water resource management in arid environments such as the intermountain west. This course will utilize climate data and mapping tools to understand global and regional climate variability. Dual listed with GEOG 4440.
- 5450. Fluvial Geomorphology. 4.** A systematic examination of rivers and related land forms. Emphasizes understanding how processes of flow and sediment transport influence channel form and behavior. Considers rivers systems across a range of scales, from movement of individual sediment particles to organization of continental drainage basins. Explores connections to aquatic ecosystems and human impacts. Dual listed with GEOG 4450.
- 5455. Remote Sensing of Hydrologic Systems. 4.** Explores the application of remote sensing data and techniques to the study of the hydrological systems and introduces the physical principles that enable the different elements of the hydrological system to be inferred from different types of image data and analysis. Dual listed with GEOG 4455.
- 5470. Fire Ecology. 3.** Natural and human-caused fires are an important phenomenon affecting ecosystems and human communities throughout the world. Explores the geography, ecology, and management of fires. Dual listed with GEOG 4470. *Prerequisite:* GEOG 4460, BOT 4700, LIFE 3400 or graduate standing.
- 5502. Images of Wyoming and the West. 3.** The West is nothing more than a barren, desolate landscape to some while to others it offers great spiritual and cultural significance. Examines how individuals and groups perceive Wyoming and the West, how such perceptions have been constructed over time, and how these differing views create images of the region both real and imagined. Dual listed with GEOG 4502. *Prerequisite:* GEOG 1000 or GEOG 1020 and junior standing.
- 5560. Global Cities. 3.** Globalization accelerates urbanization processes and creates a new type of city, the global city. This course introduces debates over global cities, urban culture, new urban landscapes, urban planning practices, and social disparity. It uses case studies on the cities around the world to explore the diversity of global city formation processes. Dual Listed with GEOG 4560; cross listed with INST 5560. *Prerequisites:* 9 hours of international studies or geography.
- 5570. Cultural Geography. 3.** Cultural Geography is an overview in qualitative cultural landscape studies. The course emphasizes what a cultural landscape is, how it can be examined, and what can be learned from such landscapes. Students are exposed to readings in cultural geography from a wide array of viewpoints with an emphasis placed on classic works. Dual listed with GEOG 4570. *Prerequisite:* GEOG 1000 or GEOG 1020 and junior standing.
- 5580 [5572]. Sense of Place. 3.** Examines how individuals and groups perceive specific geographic locations, how such perceptions are constructed, and how these differing views and feelings play out in our everyday. Dual listed with GEOG 4580. *Prerequisites:* GEOG 1000 or GEOG 1020.
- 5590 [5574]. Geography of Conflicts. 3.** Explores the representation of place and how various groups often have differing views of how a place should be represented and/or thought of. Various local representations of contested land use, group place identity, and personal place identity are discussed. Dual listed with GEOG 4590. *Prerequisite:* GEOG 1000 or GEOG 1020 and junior standing.
- 5750. Public Land Management. 3.** Management of the federal and public lands of the United States. Includes consideration of management issues, agencies and organization, and management approaches for public lands and associated natural resources. Dual listed with GEOG 4750. *Prerequisite:* 6 hours in geography or ENR.

- 5790. Research Methods. 1-3 (Max. 9).** Introduction to the methodology of empirical research in related fields for advanced students. *Prerequisites:* 12 hours in the major and consent of instructor.
- 5870. Internship/Practicum. 1-12 (Max. 12).** Experience in applying student skills and training in an agency, organization, or business. Dual listed with GEOG 4870. *Prerequisite:* for majors only.
- 5875. Independent Study. 1-6 (Max. 6).** Considers current research topics in consultation with faculty member. Dual listed with GEOG 4875. *Prerequisite:* 9 hours in subject area of topic of current research.
- 5885. Seminar. 1-3 (Max. 6).** Faculty-student discussion, reading, and study focused on a selected topic of interest. *Prerequisite:* consent of instructor.
- 5900. Practicum in College Teaching. 1-3 (Max. 3).** Work in classroom with a major professor. Expected to give some lectures and gain classroom experience. *Prerequisite:* graduate standing.
- 5920. Continuing Registration: On Campus. 1-2 (Max. 16).** *Prerequisite:* advanced degree candidacy.
- 5940. Continuing Registration: Off Campus. 1-2 (Max. 16).** *Prerequisite:* advanced degree candidacy.
- 5959. Enrichment Studies. 1-3 (Max. 99).** Designed to provide an enrichment experience in a variety of topics. Note: Credit in this course may not be included in a graduate program of study for degree purposes.
- 5960. Thesis Research. 1-12 (Max. 24).** Graduate level course designed for students who are involved in research for their thesis project. Also used for students whose coursework is complete and are writing their thesis. *Prerequisites:* enrollment in a graduate degree program.
- 5990. Internship/Practicum. 1-12 (Max. 12).** Experience in applying student skills and training in an agency, organization, or business. Offered for S/U only. Dual listed with GEOG 4990. *Prerequisite:* graduate standing.

Appendix B: Courses by Area of Interest (omitting GIScience)

Focus on Physical Geography

GEOG 1010 Intro to Physical Geography (4)
GEOG 3010 Geomorphology (3)
GEOG 3450 Weather and Climate (3)
GEOG 3480 Environmental Change (3)
GEOG 3550 Natural Hazards and Society (3)
GEOG 4000 Terrain Analysis (3)
GEOG 4450 Fluvial Geomorphology (4)
GEOG 4460 Biogeography (3)
GEOG 4470 Fire Ecology (3)

Focus on Natural Resource Management

GEOG 4040 Conserv. of Nat Resources (3)
GEOG 1050 Intro Env & Nat Resources (3)
GEOG 2550 Recreation & Nat Resources (3)
GEOG 3400 Traditional Ecol. Knowledge (3)
GEOG 3550 Natural Hazards & Society (3)
GEOG 4000 Terrain Analysis (3)
GEOG 4051 Environmental Politics (3)
GEOG 4052 Federal Land Politics (3)
GEOG 4080 Mgmt. of Major River Basins (3)
GEOG 4111 Remote Sensing of Environ. (4)
GEOG 4310 Fdns Sustainable Planning (3)
GEOG 4340 NRM/Western Reservations (3)
GEOG 4370 Environmental Planning (3)
GEOG 4400 Nat Resource Policy (3)
GEOG 4420 Geography & Tourism (3)
GEOG 4460 Biogeography (3)
GEOG 4470 Fire Ecology
GEOG 4750 Public Land Mgt (3)

Focus on Human Geography

GEOG 1000 World Regional Geography (3)
GEOG 1020 Introduction to Human Geography
(3)
GEOG 3030 Geography & Development (3)
GEOG 3050 Economic Geography (3)
GEOG 3550 Natural Hazards & Society (3)
GEOG 4013 Political Geography (3)
GEOG 4310 Fdns of Sustainable Planning (3)
GEOG 4325 Legal Aspects of Planning (3)
GEOG 4330 Land Use Planning (3)
GEOG 4390 Rural/Small Town Planning (3)
GEOG 4420 Geography and Tourism (3)
GEOG 4500 The American Landscape (3)

GEOG 4502 Images of WY & the West (3)
GEOG 4540 Topics in Cultural Ecology (3)
GEOG 4550 Geography of Wine (3)
GEOG 4560 Global Cities (3)
GEOG 4570 Cultural Geography (3)
GEOG 4572 Sense of Place (3)
GEOG 4574 Geography of Conflicts (3)

Focus on Planning

GEOG 4310 Fdns of Sustainable Planning (3)
GEOG 4330 Land Use Planning (3)
GEOG 4325 Legal Aspects of Planning (3)
GEOG 4340 NRM/Western Reservations (3)
GEOG 4370 Environmental Planning (3)
GEOG 4390 Rural/Small Town Planning (3)
GEOG 4400 Natural Resource Policy (3)
GEOG 4750 Public Land Management (3)

AGENDA ITEM TITLE: Consideration and Action: Contracts and Grants, Synakowski

October 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
Agricultural Research Service/Department of Agriculture	\$149,600	Bret Hess		College of Agriculture & Natural Resources Deans Office	Enhancing Stakeholder Capacity for Risk Management and Adaptation in a Changing Climate in the Northern Plains
Agricultural Research Service/Department of Agriculture	\$100,000	Bret Hess		College of Agriculture & Natural Resources Deans Office	Adaptive and Flexible Grazing Management Strategies to Enhance Decision Making for Provision of Ecosystem Services in the High Plains
Altru Health System	\$62,500	Janelle Simpson		Wyoming Survey & Analysis Center	Grand Forks Drug Free Community Evaluation
Battelle Memorial Institute - Pacific Northwest Division	\$27,701	Xiaohong Liu		Atmospheric Science	Wildfires and Regional Climate Variability, Mechanisms, Modeling and Prediction - Purchase of Servers
Blue Cross Blue Shield of Wyoming	\$19,704	Robert Leduc		Wyoming Survey & Analysis Center	On-line Member Portal Summary of Benefits and Coverage (SBC) Maintenance FY18
Bureau of Land Management/Department of the Interior	\$25,000	Todd Surovell		Anthropology	Archeological Collections Curation and Management
Centers for Disease Control and Prevention/DHHS	\$223,356	David Jones		College of Health Sciences Deans Office	Medicare Cost Report Payments for the Casper and Cheyenne Residency Programs to Encounter Rate of Services Provided on their Annual Clinic Costs Reports
Department of Education	\$3,121,300	Michael Wade		Student Educational Opportunity	GEAR UP Wyoming 2018-2024 Scholarships
Environmental Protection Agency	\$2,800	John Connett		Ecosystem Science & Management	IPM Guides: Common Pests Found in Schools
Forest Service/Department of Agriculture	\$8,000	Zachary Wallace		Wyo Natural Diversity Database	Movements and Space-use of Ferruginous Hawks in Wyoming Oil and Gas Fields: Implications for Design of Energy Developments to Minimize Impacts on Nesting Raptors
Forest Service/Department of Agriculture	\$8,973	Maricka Arksey		Anthropology	SO AGR Curatorial Services and Database Upgrade

October 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
Incorporated Research Institutions for Seismology (IRIS)	\$37,166	Andrew Parsekian		Geology & Geophysics	NGEO: Enabling Discoveries in Multiscale Earth System Dynamics
Kansas State University	\$25,000	William Stump		Plant Sciences	Great Plains Diagnostic Network-Wyoming Component (16-17)
Kappa Omicron Nu	\$3,000	Christine Hime		Family & Consumer Sciences	Understanding Elder Family Financial Exploitation (EFFE): Identifying Risk and Protective Factors
Lawrence Berkeley National Laboratory	\$7,521	Bradley Carr		Geology & Geophysics	Geophysical Logging of LBL East River Boreholes Near Crested Butte, CO
National Aeronautics & Space Administration	\$79,102	Hannah Jang-Condell		Physics & Astronomy	Decoding the Origin, Structure, and Composition of Exoplanetary Debris Systems Through Multi-wavelength Studies - 2016-2017
National Aeronautics & Space Administration	\$28,170	Hannah Jang-Condell		Physics & Astronomy	Decoding the Origin, Structure, and Composition of Exploratory Debris Systems through Multi-wavelength Studies - subcontract
National Aeronautics & Space Administration	\$129,855	Dimitri Mavriplis		Mechanical Engineering	Efficient and Robust CFD Solvers for Exascale Architectures
National Institute of Food and Agriculture/Department of Agriculture	\$324,998	Randa Jabbour		Plant Sciences	Integration of Early Harvest with Biological Control for Sustainable Alfalfa Production
National Institute of Food and Agriculture/Department of Agriculture	\$88,000	Kelly Crane		Cooperative Extension Service	Wind River Federally Recognized Tribes Extension Program
National Institute of Food and Agriculture/Department of Agriculture	\$925,118	John Tanaka		Cooperative Extension Service	University of Wyoming Extension Programs: Smith Lever 3b & 3c

October 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
National Institutes of Health/DHHS	\$2,874,315	Peter Nathanielsz		Animal Science	Womb to Tomb:Developmental Programming and Aging Interactions in Primates
National Science Foundation	\$206,295	Jeffrey French		Atmospheric Science	Collaborative Research: SNOWIE: Seeded and Natural Orographic Wintertime Clouds: The Idaho Experiment - New IC Rate
National Science Foundation	\$132,629	Cynthia Weinig		Botany	A Systems Analysis of Plant Growth Promotion by the Rhizosphere Microbiome
National Science Foundation	\$259,402	Cynthia Weinig		Botany	Subcontracts - Growth promotion by the rhizosphere microblome
North Dakota State Univ	\$1,274,305	Michael Dillon		Zoology & Physiology	RII Track-2 FEC: Insect Cryobiology and Ecophysiology (ICE) Network: Integrating Genomics, Physiology, and Modeling
Serve WY	\$58,769	Christine McKibbin		Wyoming Institute for Disabilities WIND	UW Chronic Disease Self-Management AmeriCorps Program
Syngenta Crop Protection, LLC	\$5,000	Andrew Kniss		Plant Sciences	Weed Control in Small Grains
Tides Center	\$30,000	Laurie Nichols		Office of the President	WICHE Task Force on Closing Postsecondary Attainment Gaps
Treasure Valley Seed Co	\$800	James Heitholt		R&E Center Powell	Four-Variety Chickpea Trial in Powell for Treasure Valley Seed 2018
U.S. Dept of Ag Risk Management Agency (USDA)	\$287,000	John Hewlett		Agriculture & Applied Economics	Providing Risk Management Education on Forage, Livestock, and other Insurance Products, as well as Risk in Agriculture for Beginning, Retiring/Transitioning, and Other Farmers/Ranchers/Interested Individuals in Wyoming 2018-19
U.S. Fish & Wildlife Service/Department of the Interior	\$52,000	Frank Rahel		Zoology & Physiology	Research and Monitoring of Wyoming Toad Reintroductions
U.S. Geological Survey/Department of the Interior	\$70,755	Annika Walters		Wyoming Coop Unit	Research and Monitoring of Wyoming Toad Re-introductions: Linking Survival, Behavior, and Genetics to Inform Species Recovery

October 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
U.S. Geological Survey/Department of the Interior	\$46,226	Anna Lisa Chalfoun		Wyoming Coop Unit	Weather Variability and Sagebrush Songbird Demography
University of Utah	\$135,000	John Kaszuba		Geology & Geophysics	Multi-Scale Fluid-Solid Interactions in Architected and Natural Materials (MUSE)
University of Wyoming	\$61,000	Wendy Berelson		Wyoming Geographic Information Science Center	Enterprise Geographic Information System FY2019
Various Sponsors	\$5,500	Sandra Root-Elledge		Wyoming Institute for Disabilities WIND	VARIOUS SPONSORS UAP TRAINING
Various Sponsors	\$2,025	Jill Kline		Small Business Development Center	Program Income for FY17 SBDC SBA
Western Association of Fish and Wildlife Agencies	\$82,250	Matthew Kauffman		Wyoming Coop Unit	Identifying and Prioritizing Mule Deer Migration Corridors and Winter Ranges Across Sagebrush Ecosystems of the Western U.S.
WY Association of Sheriffs and Chiefs of Police	\$7,485	Chad Bade		University Police	Enforcement of Underage Drinking Laws
WY Business Council	\$2,009,857	David Bell		Manufacturing Works	Support of Division of Research programs 2018-19
WY Community Foundation	\$110,000	Laura Feldman		Wyoming Survey & Analysis Center	Kids Count
WY Cultural Trust Fund	\$7,500	Mark Ritchie		Visual & Literary Arts	Go West--Mid America Printmaking Council Conference
WY Cultural Trust Fund	\$5,000	Rani Robison		Visual & Literary Arts	Society for Photographic Education (SPE) Northwest Chapter Conference at AMK Ranch September 21-23, 2018
WY Dept of Education	\$100,000	Anne Houseal		Science & Math Teaching Center	Science and Mathematics Teaching Center Supported Professional Development for Wyoming Science Content and Performance
WY Dept of Health	\$110,000	Laran Despain		Wyoming Survey & Analysis Center	Annual Synar Surveys and Coverage Study FY 2019

October 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
WY Dept of Health	\$20,000	Rodney Wambeam		Wyoming Survey & Analysis Center	Wyoming Substance Abuse Prevention Evaluation - State
WY Dept of Health	\$125,000	Rodney Wambeam		Wyoming Survey & Analysis Center	Wyoming Substance Abuse Prevention Evaluation-Federal
WY Dept of Transportation	\$1,246,666	Paul Kunkel		Transit & Parking Services	FY2018 5311 Rural Public Transit Operating Funding
WY Dept of Transportation	\$608,419	Paul Kunkel		Transit & Parking Services	FY19 5339 Capital Request: Purchase Four (4) Large ADA Buses
WY Game + Fish	\$76,000	Zachary Wallace		Wyo Natural Diversity Database	Ferruginous Hawk and Golden Eagle Monitoring
WY Workforce Services	\$500,000	Sandra Root-Elledge		Wyoming Institute for Disabilities WIND	ACCESS Employment Pre-Employment Transition Services
Wyoming Bean Commission	\$4,000	James Heitholt		R&E Center Powell	2018 Cooperative Dry Bean Nursery
Wyoming Game and Fish Department	\$80,000	Gary Beauvais		Wyo Natural Diversity Database	Raptor Nest Data Programming
Wyoming Game and Fish Department	\$44,063	Anna Lisa Chalfoun		Wyoming Coop Unit	Decadal Abundance Trends of Avian SGCN in Wyoming's Natural Gas Fields
Wyoming Game and Fish Department	\$350,000	Kevin Monteith		Haub School of Environment & Natural Resources	Whiskey Mountain Bighorn Sheep
Wyoming Game and Fish Department	\$18,500	Matthew Kauffman		Wyoming Coop Unit	Cliff Creek Ungulate Nutrition Project
Wyoming Game and Fish Department	\$52,000	Ian Abernethy		Wyo Natural Diversity Database	Bird Database Compilation
Wyoming Game and Fish Department	\$22,856	Zachary Wallace		Wyo Natural Diversity Database	Coordinated Statewide Flammulated Owl Surveys
Wyoming Game and Fish Department	\$99,000	Ian Abernethy		Wyo Natural Diversity Database	Northern Long Eared Bat Maternity Roost
Wyoming Game and Fish Department	\$36,357	Anna Lisa Chalfoun		Zoology & Physiology	Effects of climate on non-game sagebrush bird demography and populations
Wyoming Humanities Council	\$5,000	Emilene Ostlind		Haub School of Environment & Natural Resources	Deer 139 Documentary Film Project

October 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
Wyoming Military Department	\$15,960	Todd Surovell		Anthropology	Archeological Repository Graduate Assistantship
Wyoming Wild Sheep Foundation	\$23,245	Jessica Western		Haub School of Environment & Natural Resources	Whiskey Mountain Big Horn Sheep Collaborative Process: Situation Assessment, Collaborative Design, and Facilitation of the Process
Wyoming Wildlife - The Foundation	\$55,000	Kevin Monteith		Haub School of Environment & Natural Resources	Lamb Survival, Disease, and Summer Nutrition
Wyoming Wildlife - The Foundation	\$20,000	Kevin Monteith		Haub School of Environment & Natural Resources	Cause-Specific Mortality of Moose in Snowies
Wyoming Wildlife - The Foundation	\$7,500	Kevin Monteith		Haub School of Environment & Natural Resources	Deer-Elk Ecology Research Project (DEER Project)
Wyoming Wildlife - The Foundation	\$7,500	Kevin Monteith		Haub School of Environment & Natural Resources	Winter Carryover and Deer Dynamics

Sponsored Programs

TOTAL 10/2018 \$12,363,297

Total From 7/2018 \$9,097,077

Total From 8/2018 \$8,590,870

Total From 9/2018 \$13,150,867

Total Year to Date \$43,202,112

7/2018/-6/2019

Sponsor	Amount	Principal Investigator (PI)	Co-PI	Dept	Description
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October 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
Air Force Reserve Officer's Training Corps	\$114,164	Debra Hintz		Scholarships & Financial Aid	Air Force ROTC 2017-18
Department of Education	\$16,561,645	Debra Hintz		Scholarships & Financial Aid	Direct Student Loans 2018-19
Department of Education	\$4,698,405	Debra Hintz		Scholarships & Financial Aid	Pell Grant 2018-19
Department of Education	\$3,735	Debra Hintz		Scholarships & Financial Aid	D-ED Teacher Education Assistance for College & Higher Ed (TEACH) 18-19
Department of Education	\$49,062	Debra Hintz		Scholarships & Financial Aid	Direct Student Loans 2017-18
Total Insitutional Awards	\$21,374,214				
Grand Total	\$64,576,326				

November 2018

Sponsor	Award Funding Amount	PI Name	Co-PI Name	Organization	Award Name
Administration for Community Living/DHHS	\$341,395	Robin Barry		Psychology	Enhancing Dementia-Capable Wyoming Through Community Partnerships
Administration for Community Living/DHHS	\$31,290	Sandra Root-Elledge		Wyoming Institute for Disabilities WIND	Wyoming State Plan for Assistive Technology 2018-2020: Wyoming Assistive Technology Resources (WATR)
Albany County	\$156,846	Canyon Hardesty		Wyoming Institute for Disabilities WIND	Wyoming Consortium of Veterans Activities Adaptive Sports Programming
Association of University Centers on Disabilities	\$180,000	Sandra Root-Elledge		Wyoming Institute for Disabilities WIND	A Collaborative Training Initiative Addressing Neonatal Abstinence Syndrome: Adapting ECHO to Support Young Children Impacted by the Opioid Crisis
Ball State University	\$6,909	Eric Nigh		Politics Public Affairs & International Studies	Stevens' Initiative
Bayer Inc.	\$4,000	Brian Mealor		Plant Sciences	Research and Extension in Invasive Weed Management
California Department of Fish and Wildlife	\$125,015	Holly Ernest		Veterinary Science	Mountain Lion Genetics Research
Department of Energy	\$3,480,346	Scott Quillinan		School of Energy Resources Directors Office	Commercial-Scale Carbon Storage Complex Feasibility Study at Dry Fork Station, Wyoming
Disa, LLC	\$16,463	Scott Quillinan		School of Energy Resources Directors Office	Materials Isolation Analysis
Dow AgroSciences	\$17,000	Brian Mealor		Plant Sciences	Rangeland Weed Research and Education
Kansas State University	\$25,057	Johnathan Despain		Cooperative Extension Service	4-H Military partnership Subaward from KSU from DOD

November 2018

Montana State University	\$464,751	Benjamin Rashford		Agriculture & Applied Economics	Integrating Sustainable Social, Ecological and Technological Innovation for Achieving Global Climate Stabilization through Negative CO2 Emission Policies (NSF EPSCoR RII Track 2)
National Institute of Food and Agriculture/Department of Agriculture	\$137,000	William Laegreid		Veterinary Science	National Animal Health Laboratory Network (NAHLN) Testing
National Institute of Food and Agriculture/Department of Agriculture	\$155,982	Melinda Meuli		Family & Consumer Sciences	FFY18 (2017-2022) EFNEP Main
National Institute of Food and Agriculture/Department of Agriculture	\$39,207	Thomas Foulke		Agriculture & Applied Economics	Wyoming First-grain Project
National Institute of Food and Agriculture/Department of Agriculture	\$1,276,455	John Tanaka		Agriculture Experiment Station	FFY19 (2018-2020) Hatch Regular Capacity
National Institute of Food and Agriculture/Department of Agriculture	\$1,640,926	Bret Hess		Cooperative Extension Service	FFY19 Smith Lever 3(b) & (c) (2018-2023)
National Institute of Food and Agriculture/Department of Agriculture	\$729,248	John Tanaka		Agriculture Experiment Station	FFY19 (2018-2020) Hatch Multi-State (Regional Research)
National Institute of Food and Agriculture/Department of Agriculture	\$43,951	Bret Hess		Cooperative Extension Service	FFY19 Smith Lever 3(b) & (c) Special Needs (2018-2023)

November 2018

National Institute of Neurological Disorders and Stroke/NIH/DHHS	\$94,757	Qian-Quan Sun		Zoology & Physiology	Mechanisms Underlying Continuous Spike-Waves during Slow-Wave Sleep in a Mouse Model of Focal Cortical Dysplasia - Year 4
National Institutes of Health/DHHS	\$11,055	Qian-Quan Sun		Zoology & Physiology	Wyoming Sensory Biology COBRE - Program Income
Office of Naval Research	\$215,365	Dimitri Mavriplis		Mechanical Engineering	Aero-thermo-servo-elastic Analysis and Optimization for High Speed Vehicles Yr 2 and 3
Regents of the University of Michigan	\$72,909	Travis Brown		School of Pharmacy	Exploring the Link Between Reactive Oxygen Species and CP-AMPA Up-Regulation in Addiction
Serve WY	\$155,224	Patrick Harrington		Residence Life Administration	2018/2019 Wyoming Conservation Corps AmeriCorps Grant
State of Oregon	\$349,000	Rodney Wambeam		Wyoming Survey & Analysis Center	Oregon SPF-SIG Evaluation
U.S. Geological Survey/Department of the Interior	\$139,143	Kyle Palmquist		Botany	Big Sagebrush Plant Community Response to Wildfire and Invasive Annual Grasses in the 21st Century
University of Washington, Seattle	\$71,725	Xiaohong Liu		Atmospheric Science	Improving GCM Representation of Convective Cloud Microphysics by Using ARM Raman Lidar and Cloud Radar Observations
University of Wyoming	\$16,420	Suresh Muknahallipatna		Electrical & Computer Engineering	Graduate Student for NCAR Grant
Various Sponsors	\$4,038	Jill Kline		Small Business Development Center	Market Research Center Program Income
Various Sponsors	\$1,234	Gary Beauvais		Wyo Natural Diversity Database	VAR SPON DATABASE MANAGEMENT

November 2018

WY Association of Sheriffs and Chiefs of Police	\$5,505	Chad Bade		University Police	Selective Traffic Enforcement Program - DUI and Speed Enforcement
WY Dept of Agriculture	\$2,250	Tana Stith		Cooperative Extension Service	Category 906 Rights-of-way Vegetation Management Online Training Program
WY Office of Homeland Security	\$32,000	Mohamed Ahmed		Civil & Architectural Engineering	Examining An Automated Recognition System for Hazardous Materials Transportation - Goshen County
Wyoming Bean Commission	\$7,500	Vivek Sharma		Plant Sciences	2018 Evapotranspiration and Response to Drought for Different Dry Bean Genotypes in Wyoming
Wyoming Bean Commission	\$13,500	Vivek Sharma		Plant Sciences	2018 Evaluation of Pop-up/Starter and Foliar Fertilizer Application on Drybean Production
Wyoming Game and Fish Department	\$9,100	Ian Abernethy		Wyo Natural Diversity Database	Support for Revision of Bat Plans
Wyoming Pathways, Inc.	\$2,734	Leonard Smutko		Haub School of Environment & Natural Resources	To Organize Convene and facilitate a Public Charrette for Lander Community Trails

Sponsored Programs

TOTAL 11/2018 \$10,075,300

Total From 7/2018 \$9,097,077

Total From 8/2018 \$8,590,870

Total From 9/2018 \$13,150,867

Total From 10/2019 \$12,363,297

Total Year to Date \$53,277,412

7/2018/-6/2019

INFORMATION ONLY

AGENDA ITEM TITLE: Contracts and Procurement Report, Evans

UW Regulation 7-2 (Signature Authority) Contracts Board Report - October 16, 2018 - December 15, 2018

Contract Number	Contract Header Name	Contract Type	Department	Supplier	Signed Date	Agreed Amount	Signer Name	Signer Job Title
24001_Elliott Aviation_Nov2018	Flight Safety	Services Contract	Auxiliary Services	Elliott Aviation Inc	11/27/18	\$459,745.00	Neil Theobald	Vice President, Finance & Admin
12106WildlifeAir,LLCOct2018	Agreement for Services	Services Contract	College of Agriculture & Natural Resources	Wildlife Air LLC	10/28/18	\$82,482.60	Bret Hess	Interim Dean/Professor
17016TCAREDecember2018	TCARE System License and Services Agreement	Services Contract	College of Arts & Sciences	Tailored Care Enterprises Inc	12/12/18	\$114,350.00	Paula Lutz	Dean/Professor
17104340BasicsDEC2018	340Basics Administrative Services Agreement	Services Contract	College of Health Sciences	340 Basics	12/11/18	\$450,000.00	David Jones	Interim Dean/Professor
17014-Olympus-Nov2018	QT-U1222145	Services Contract	College of Health Sciences	Olympus America Inc	12/12/18	\$69,761.36	David Jones	Interim Dean/Professor
17104Radosevich, TomNov2018	Thomas Radosevich OB Call Agreement	Services Contract	College of Health Sciences	Radosevich, Tom	12/3/18	\$100,000.00	David Jones	Interim Dean/Professor
18003LexisNexisOnlineJune2018	Law School Subscription Pricing Agreement	Services Contract	College of Law	Lexis-Nexis	12/11/18	\$192,295.00	Klinton Alexander	Dean/Professor
18003-BloombergBNA-Sept2018	Bloomberg BNA License Agreement	Services Contract	College of Law	Bloomberg BNA	10/29/18	\$88,610.00	Klinton Alexander	Dean/Professor
26001DuffyCrane&HaulingOct2018	Agreement for Services	Services Contract	General University Operations	Duffy Crane Inc.	10/28/18	\$76,160.00	Neil Theobald	Vice President, Finance & Admin
40003-Oracle 18810624-Nov 2018	Oracle Support Service Number 18810624	Services Contract	Information Technology	Oracle America, Inc.	11/18/18	\$75,000.00	Robert Aylward	Vice President for Information Technology & CIO
40002-Wolfram Research Inc-Oct 2018	Wolfram Agreement	Services Contract	Information Technology	Wolfram Research Inc	11/20/18	\$101,436.30	Robert Aylward	Vice President for Information Technology & CIO
40003-Huron Consulting Services-Nov 2018	Statement of Work	Services Contract	Information Technology	Huron Consulting Services	11/7/18	\$52,000.00	Neil Theobald	Vice President, Finance & Admin
90101TIGERWOODSCHARITYNOVEMBER2018		Services Contract	Intercollegiate Athletics	Tiger Woods Charity Event Corporation	11/19/18	\$50,000.00	Matthew Whisenant	Deputy Director, Athletics
90251NewHorizonsOctober2018	Women's Basketball Charter Flights	Services Contract	Intercollegiate Athletics	New Horizons Travel	10/22/18	\$161,250.05	Billy Sparks	Sr Assoc Ath Dir/Business Ops
90202-Team Air Express-October 2018	Team Air Express dba Team Worldwide	Services Contract	Intercollegiate Athletics	Team Worldwide	10/24/18	\$52,354.38	Billy Sparks	Sr Assoc Ath Dir/Business Ops
90201NewHorizonsOctober2018	Men's Basketball Charter Flights	Services Contract	Intercollegiate Athletics	New Horizons Travel	10/22/18	\$152,594.56	Billy Sparks	Sr Assoc Ath Dir/Business Ops
10045-EducationNorthwest-November2017	Fixed Price Contract - Education Northwest	Services Contract	Provost	Education Northwest, Inc.	11/14/18	\$120,000.00	Kate Miller	Provost & Vice Pres, Acad Affairs
10001AcademicAnalyticsOct2018	Master License Agreement	Services Contract	Provost	Academic Analytics LLC	10/30/18	\$562,700.00	Robert Aylward	Vice President for Information Technology & CIO
21602-EntangledSolutions-March2018	Agreement for Services	Services Contract	Provost	Entangled Solutions LLC	12/3/18	\$325,000.00	Laurie Nichols	President
13402UFSurveyResearchCenterOct2018	AGREEMENT FOR SERVICES BETWEEN THE UNIVERSITY OF WYOMING AND UF SURVEY RESEARCH CENTER	Services Contract	Research & Economic Development	University of Florida	10/15/18	\$53,393.00	Diana Hulme	Dir Operations & Communication
10501SeismicExchange	Seismic Exchange	Services Contract	School of Energy Resources	Seismic Exchange Inc	10/28/18	\$109,720.20	Mark Northam	Executive Director, SER
19002GWLA-WileyLicenseDec2018	Memo of Agreement -Wiley participation	Services Contract	University Libraries	Greater Western Library Alliance	12/13/18	\$440,044.00	Ivan Gaetz	Dean
19002-EBSCO-Dec2018	EBSCO Product Order Form	Services Contract	University Libraries	EBSCO Information Services	12/9/18	\$151,253.00	Ivan Gaetz	Dean
19002-Infobase-Nov2018	Digital License Agreement - Films on Demand Subscription Plan	Services Contract	University Libraries	Infobase Learning	11/13/18	\$51,499.98	Ivan Gaetz	Dean
26001EGPowerEngineering,Inc.Dec2018	Consultant Agreement	Services Contract	University Operations	EG Power Engineering Inc	12/13/18	\$50,000.00	Neil Theobald	Vice President, Finance & Admin

26001GLHNArchitectsandEngineers,Inc,Dec2018	Amendment No. 1	Services Contract	University Operations	GLHN Architects & Engineers, Inc	12/14/18	\$1,295,000.00	Laurie Nichols	President*
26001TerraconDec2018	Consultant Agreement	Services Contract	University Operations	Terracon Consultants Inc	12/13/18	\$50,000.00	Neil Theobald	Vice President, Finance & Admin
26001BrownNoteProductions,Inc.Sept2018	Agreement Between Owner and Contractor	Services Contract	University Operations	Brown Note Productions Inc	11/13/18	\$285,988.56	Neil Theobald	Vice President, Finance & Admin
26001SimonContractorsSept2018CO1	Change Order No. 1	Services Contract	University Operations	Simon Contractors	10/31/18	\$59,492.06	Neil Theobald	Vice President, Finance & Admin
26001ECSEngineersOct2018	Consultant Agreement	Services Contract	University Operations	Environmental & Civil Solutions LLC	10/31/18	\$50,000.00	Neil Theobald	Vice President, Finance & Admin
26001DSConsulting,Inc.Nov2018	Consultant Agreement	Services Contract	University Operations	DS Environmental Consulting Inc	11/11/18	\$50,000.00	Neil Theobald	Vice President, Finance & Admin
26001CTL/Thompson,Inc.Oct2018	Consultant Agreement	Services Contract	University Operations	CTL Thompson Inc	10/22/18	\$50,000.00	Neil Theobald	Vice President, Finance & Admin
26001IMEGOct2018	Consultant Agreement	Services Contract	University Operations	IMEG Corp	10/28/18	\$50,000.00	Neil Theobald	Vice President, Finance & Admin
26001ADPLemco,Inc.Oct2018	Agreement Between Owner and Contractor	Services Contract	University Operations	ADP Lemco Inc	11/6/18	\$120,840.00	Neil Theobald	Vice President, Finance & Admin
26001MagnaIVEngineering,Inc.Oct2018	Consultant Agreement	Services Contract	University Operations	Magna IV Engineering Inc.	10/28/18	\$50,000.00	Neil Theobald	Vice President, Finance & Admin
26001IconergySept2018	Consultant Agreement	Services Contract	University Operations	Iconergy Ltd	11/27/18	\$189,895.00	Neil Theobald	Vice President, Finance & Admin

*Board of Trustees approved original agreement on July 13, 2016

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UW Regulation 7-2 (Signature Authority) Procurement Board Report - October 16, 2018 - December 15, 2018										
Creation Date	Supplier Name	Line No	Description	Quantity	Line Unit Price	Total Line Price	Total PO Amount	Department	Last Approver	Title of Approver
10/16/2018	Basketball Promotions & Events LLC	1	Basketball Promotions & Events-MBB Tournament	1	\$170,000.00	\$170,000.00	\$170,000.00	Mens Basketball	Bill Sparks - 10/16	Sr Assoc Ath Dir./Business Ops
10/19/2018	Brown Company	1	Used 2014 New Holland T5115	1	\$53,000.00	\$53,000.00	\$53,000.00	R. & E Center Laramie	Caterine Harris - 10/16	Business Manager, Executive, Agriculture
10/19/2018	Elucian Company L.P.	1	CRM Advance License Fee 10/10/2018-09/03/2019	1	\$103,920.00	\$103,920.00	\$103,920.00	Institutional Advancement & UW Foundation	Jeremy Page - 10/19	Controller, Foundation
10/19/2018	YBP Library Services	1	Replenish deposit account from which we buy books from YBP	1	\$400,000.00	\$400,000.00	\$400,000.00	University Library Collection Development	Kate Miller - 10/19	Provost & Vice Pres, Acad Affairs
10/29/2018	Officescapes	1	Old Main Room 101 Accounting Office Furniture Quote 55117		\$53,572.47	\$53,572.47	\$53,572.47	AVP of Fiscal Administration	Katy Hudson - 10/23	Coordinator, Fin Svcs, Assoc VP Admin
10/24/2018	Contract Furnishings, Inc.	1	Full Furniture Package-Furnish and Install		\$830,088.91	\$830,088.91	\$830,088.91	Facilities Construction Mgt	Laurie Nichols - 10/23	President
10/25/2018	Extherid Biosciences LLC	1	Extend Biosciences Amendment No 2, develop a novel, dual-acting broad spectrum multi-drug resistant organism biofilm preventative product that actively promotes wound healing.		\$76,572.13	\$76,572.13	\$76,572.13	School of Pharmacy	Laurie Kempert 10/24	Business Manager, Executive, Health Sciences Dean
10/30/2018	NWCCD Sheridan College	1	Payment for Dental Hygiene students Fall 2018		\$87,384.00	\$87,384.00	\$87,384.00	Distance Education	Sandra Roller - 10/30	Business Manager, Executive, VP Academic Affairs
10/30/2018	Chemical Abstracts Service	1	Subscription renewal to Scilnder, Academic Unlimited Access Plan Database		\$105,550.00	\$105,550.00	\$105,550.00	University Library Collection Development	Ivan Gaetz - 10/30	Dean, Univ Libraries
10/31/2018	Wildlife Air LLC	1	Telemetry flights using fixed-wing aircraft to locate greater -sage		\$82,482.60	\$82,482.60	\$82,482.60	Ecosystems Science & Management	Catherine Harris - 10/31	Business Manager, Executive, Agriculture
10/31/2018	Team Worldwide	1	Transport of FB Equipment to Hawaii (10/2/18)		\$52,354.38	\$52,354.38	\$52,354.38	Men's Football	Rachael Hulet - 10/29	Asst AD/Business Operations, Athletics
11/5/2018	ThyssenKrupp Elevator Corporation	1	Law Elevator #1 & #2: Modernizations		\$226,900.00	\$226,900.00	\$226,900.00	Facilities Construction Mgt	John Davis - 11/5	Assoc VP for Univ Operations
11/6/2018	Marketing Communication Resource, Inc.	1	Mailing #20796, Printing & mailing services		\$72,670.37	\$72,670.37	\$72,670.37	Institutional Advancement & UW Foundation	Jeremy Page - 11/1	Controller, Foundation
11/7/2018	Huron Consulting Services	1	Implementation of eCRT for time and effort reporting		\$150,000.00	\$150,000.00	\$150,000.00	VP for Research & Economic Development Office	Diane Hulme - 11/7	Assoc VP, Research
11/9/2018	Aerodyne Research, Inc.	1	Compact single-laser trace gas analyzer as per quote		\$134,800.00	\$134,800.00	\$134,800.00	Engineering & Applied Science Deans Office	Michael Pishko - 11/9	Dean, Engineering
11/13/2018	Duffy Crane Inc.	1	Crane & Rigging Services to move incinerator into new facility		\$76,160.00	\$76,160.00	\$76,160.00	Facilities Construction Mgt	Darcy Bryant - 11/9	VP/Asst Director, Business Serv, Univ Ops
11/16/2018	University of Northern Colorado	1	University of Northern Colorado MBB Game Guarantee-December		\$78,000.00	\$78,000.00	\$78,000.00	Mens Basketball	Rachael Hulet - 11/15	Asst AD/Business Operations, Athletics
11/16/2018	EBSCO Information Services	1	Subscription renewal for 2019 for the UW Library Collection		\$1,104,188.49	\$1,104,188.49	\$1,104,188.49	University Library Collection Development	Laurie Nichols - 11/13	President*
11/19/2018	BKD LLP	1	UW External Audit FY18 Invoice BK00944524 Office of Research-Single audit \$7,300, single audit expenses \$2,200, Financials audit-\$55,000, Financials expenses-\$10,000=\$74,500		\$74,500.00	\$74,500.00		VP for Research & Economic Development Office	Diane Hulme - 11/15	Assoc VP, Research
11/19/2018	BKD LLP	2	UW External Audit Fees FY18 Invoice BK00944524 NCAA Audit-\$18,000, NCAA expenses-\$2,240=\$18,240		\$18,240.00	\$18,240.00		Intercollegiate Athletics Directors Office	Bill Sparks - 11/13	Sr Assoc Ath Dir./Business Ops
11/19/2018	BKD LLP	3	UW External Audit Fees FY18 Invoice BK00944524 Cowboy Joe Club Audit-\$11,375, CJC compilation \$125.00, CJC fin statements-\$1,000, CJC expenses-\$1,570 = \$14,370		\$14,370.00	\$14,370.00		Cowboy Joe Club	Bill Sparks - 11/13	Sr Assoc Ath Dir./Business Ops
11/19/2018	BKD LLP	4	UW External Audit Fees FY18 Invoice BK00944524 Wyoming Public Media Audit-\$11,000 Wyoming Public Media Expenses-\$1,500=\$12,500		\$12,500.00	\$12,500.00	\$119,610.00	Wyoming Public Media	Diane Hulme - 11/15	Assoc VP, Research
11/19/2018	Y6 Feeders	1	Y6 Feeders Feed and care of Cattle for Cowboy Joe Club		\$80,000.00	\$80,000.00	\$80,000.00	Cowboy Joe Club	Rachael Hulet - 11/16	Asst AD/Business Operations, Athletics
11/20/2018	Buffalo Noel Levitz LLC	1	first year Payment for the contract professional services to provide to UW enrollment		\$69,000.00	\$69,000.00	\$69,000.00	Scholarship & Financial Aid	Sandra Roller - 11/16	Business Manager, Executive, VP Academic Affairs
11/20/2018	ADP Lemco Inc.	1	All Labor Materials for installment of safety wall pads at the indoor practice facility		\$120,840.00	\$120,840.00	\$120,840.00	Facilities Mgt	Darcy Bryant - 11/20 - temporary approval authority provided per vacation rule from John Davis	Deputy Director, Business Serv, Univ Ops
11/21/2018	Barbizon Light of the Rockies	1	ETC D60 DESIRE (SEL-D60-L1)	16	\$2,090.00	\$33,440.00		Facilities Construction Mgt	Darcy Bryant - 11/19	Deputy Director, Business Serv, Univ Ops
11/21/2018	Barbizon Light of the Rockies	2	ETC ETC COLOR SOURCE CYC (CSCYC)	16	\$1,240.00	\$19,840.00		Facilities Construction Mgt	Darcy Bryant - 11/19	Deputy Director, Business Serv, Univ Ops
11/21/2018	Barbizon Light of the Rockies	3	POWERCON POWER THROUGH 10 FT (12/3-PC-PC-10)	30	\$36.00	\$1,080.00		Facilities Construction Mgt	Darcy Bryant - 11/19	Deputy Director, Business Serv, Univ Ops
11/21/2018	Barbizon Light of the Rockies	4	DATAPLEX DMX CABLE: 10 FT (5P-DP-10)	15	\$27.00	\$405.00		Facilities Construction Mgt	Darcy Bryant - 11/19	Deputy Director, Business Serv, Univ Ops

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11/21/2018	Barbizon Light of the Rockies	5	DATAPLEX DMX CABLE: 15 FT (5P-DP-15)	15	\$29.00	\$435.00		Facilities Construction Mgt.	Darcy Bryant - 11/19	Deputy Director, Business Serv, Univ Ops
11/21/2018	Barbizon Light of the Rockies	6	GRANDMA3 COMPACT CONSOLE WITH TRAINING	1	\$29,580.00	\$29,580.00		Facilities Construction Mgt.	Darcy Bryant - 11/19	Deputy Director, Business Serv, Univ Ops
11/21/2018	Barbizon Light of the Rockies	7	FREIGHT	1	\$946.00	\$946.00	\$85,726.00	Facilities Construction Mgt.	Darcy Bryant - 11/19	Deputy Director, Business Serv, Univ Ops
11/21/2018	University of Colorado Denver	1	Steward, Mechanisms of placental, fetal brain and renal outcomes of IUGR - Year 04		\$117,370.00	\$117,370.00	\$117,370.00	Animal Science	Bret Hess - 11/21	Interim Dean/Professor, Ag
11/22/2018	Oracle America, Inc.	1	PeopleSoft Enterprise Payroll Support service Number	1	\$75,000.00	\$75,000.00	\$75,000.00	Application & Database services	Nicole Lester - 11/26 - temporary approval authority provided per vacation rule from Mergaux Christensen	Asst to the VP, Info Tech
11/27/2018	Tiger Woods Charity Event Corporation	1	Tiger Woods Charity-Genesis Open Collegiate Showcase		\$50,000.00	\$50,000.00	\$50,000.00	Cowboy Joe Club	Rachael Hulet - 11/20	Asst AD/Business Operations, Athletics
11/29/2018	University Corporation for Atmospheric Research	1	Ninth Annual installment of NCAR support agreement		\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	VP for Administration Office	Laurie Nichols - 11/26	President**
12/3/2018	Mountain West Conference	1	Mountain West Officiating fees for 2018 Men's Basketball		\$179,800.00	\$179,800.00	\$179,800.00	Game Management	Bill Sparks - 12/1	Sr Assoc Ath Dir/Business Ops
12/3/2018	TA Instruments Inc	1	ARES-G2 Rheometer for Carbon Engineering project use		\$117,765.00	\$117,765.00		School of Energy Resources	Kate Miller - 12/2	Provost & Vice Pres./Acad. Affairs
12/3/2018	TA Instruments Inc	2	Academic Support Plan (ASP) for the rheometer		\$113,567.00	\$113,567.00		Center of Innovation for How Through Porous Media	Kate Miller - 12/2	Provost & Vice Pres./Acad. Affairs
12/3/2018	TA Instruments Inc	3	Academic Support Plan (ASP) for the rheometer		\$22,673.00	\$22,673.00	\$254,005.00	School of Energy Resources	Kate Miller - 12/2	Provost & Vice Pres./Acad. Affairs
12/4/2018	Barbizon Light of the Rockies	1	RAMBUSCH RS-351-LED-2X2000-30-SWB-ELD-RETRO	33	\$1,185.00	\$39,105.00		Facilities Engineering	Darcy Bryant - 11/30	Deputy Director, Business Serv, Univ Ops
12/4/2018	Barbizon Light of the Rockies	2	RAMBUSCH RD-LED-1X5000-35-40-LC-VERT-STD-ELD-RETRO	20	\$951.00	\$19,020.00		Facilities Engineering	Darcy Bryant - 11/30	Deputy Director, Business Serv, Univ Ops
12/4/2018	Barbizon Light of the Rockies	3	RAMBUSCH RS RD-LED-1X5000-30-30-LC-T30-STD-ELD-RETRO	8	\$951.00	\$7,608.00		Facilities Engineering	Darcy Bryant - 11/30	Deputy Director, Business Serv, Univ Ops
12/4/2018	Barbizon Light of the Rockies	4	RAMBUSCH RA-60-LED-1X5000-30-30-ELD-RETRO	26	\$871.00	\$22,646.00		Facilities Engineering	Darcy Bryant - 11/30	Deputy Director, Business Serv, Univ Ops
12/4/2018	Barbizon Light of the Rockies	5	SHIPPING/FREIGHT	1	\$977.00	\$977.00	\$89,356.00	Facilities Engineering	Darcy Bryant - 11/30	Deputy Director, Business Serv, Univ Ops
12/6/2018	Bob McCloskey Insurance	1	Funding of claim payment account		\$56,645.76	\$56,645.76	\$56,645.76	Sports Medicine	Rachael Hulet - 12/5	Asst AD/Business Operations, Athletics
12/6/2018	Sunshine Consulting	1	Consulting services for Oregon SHF-SIG Evaluation from 10/1/18 to 9/30/19		\$125,000.00	\$125,000.00	\$125,000.00	Wyoming Survey and Analysis Center	Diana Hume - 12/5	Assoc VP, Research
12/7/2018	Ford Audio-Video	1	Mediasite Customer Care - Mediasite Video Platform 1 Year per attached bid	1	\$2,200.00	\$2,200.00		Client Support Services	Robert Aylward - 12/5	VP Info Tech & CIO
12/7/2018	Ford Audio-Video	2	My Mediasite - Campus per attached bid	1	\$10,000.00	\$10,000.00		Client Support Services	Robert Aylward - 12/5	VP Info Tech & CIO
12/7/2018	Ford Audio-Video	3	Mediasite Customer Care - HL Recorder 1 Year per attached bid	3	\$2,000.00	\$6,000.00		Client Support Services	Robert Aylward - 12/5	VP Info Tech & CIO
12/7/2018	Ford Audio-Video	4	Mediasite Customer Care - HL Recorder 1 Year (Qty. 18) per attached bid		\$3,900.00	\$3,900.00		Client Support Services	Robert Aylward - 12/5	VP Info Tech & CIO
12/7/2018	Ford Audio-Video	4	Mediasite Customer Care - HL Recorder 1 Year (Qty. 18) per attached bid		\$5,850.00	\$5,850.00		Client Support Services	Robert Aylward - 12/5	VP Info Tech & CIO
12/7/2018	Ford Audio-Video	4	Mediasite Customer Care - HL Recorder 1 Year (Qty. 18) per attached bid		\$25,350.00	\$25,350.00	\$53,300.00	Client Support Services	Robert Aylward - 12/5	VP Info Tech & CIO
12/10/2018	OPAL-RT Technologies Inc	1	Real Time Hybrid Digital Simulator for Power Systems Simulation; Quote #MECBQ1493		\$1,345,518.72	\$1,345,518.72	\$1,345,518.72	Electrical & Computer Engineering	Laurie Nichols - 12/7	President***
12/10/2018	University of Wyoming Foundation	1	Reimburse Pledge payment on Pledge#2018.25111 from Em1 Technologies		\$50,000.00	\$50,000.00	\$50,000.00	Cowboy Joe Club	Rachael Hulet - 12/10	Asst AD/Business Operations, Athletics
12/14/2018	Olympus America Inc	1	BXS1W1 Microscope per Quote	1	\$69,761.36	\$69,761.36	\$69,761.36	School of Pharmacy	Laurie Kempert - 12/13	Business Manager, Executive, Health Sciences Dean

*Per Board of Trustees meeting on March 21-23, 2018, subscriptions do not require Board of Trustees approval
**Original MOU for NCAR support payments was signed in 2010
***Board of Trustees approved purchase on November 16, 2018 per UW Regulation 7-2

INFORMATION ONLY:

AGENDA ITEM TITLE: Capital Construction Report, Theobald

SESSION TYPE:

- Work Session
 Education Session
 Information Item
 Other:
[Committee of the Whole – Items for Approval]

APPLIES TO STRATEGIC PLAN:

- Yes (select below):
 Driving Excellence
 Inspiring Students
 Impacting Communities
 High-Performing University
 No [Regular Business]

Attachments are provided with the narrative—refer to Supplemental Materials Report.

EXECUTIVE SUMMARY:

Construction Update as of December 4, 2018

BSL – 3 Update

- Final commissioning is underway.
- A project has started to commission the existing vet lab spaces, the incinerator project and the BSL 3 space under one umbrella.
- The new incinerator is installed.
- Mechanical, electrical and architectural finishes are underway.
- Anticipate project to be substantially complete by the end of the month.

Engineering Update

- Exterior masonry installation is complete.
- Installation of exterior glazing systems are complete, trim and sun shades in progress.
- Drywall and first coat paint is complete through level 4.
- Mechanical and plumbing roughs are complete, select equipment start-up and commissioning has commenced.
- Electrical roughs are complete, fixture installation and trim is in progress.
- Site utilities are complete and final grading, hardscapes, site walls, and irrigation mains are underway.
- Site curb, gutter, sidewalk, and asphalt patches are complete.
- Interior finishes are underway, lab casework, fume hoods, and corridor built-in furnishings.

Arena Auditorium Phase II

- Punch list items remain.
- Metal panel work remains outstanding.

Mick and Susie McMurry High Altitude Performance Center (AKA RAC 2)

- Punch list items remain.

WWAMI

- Punch walks complete.
- Mechanical and electrical commissioning underway.

- Installation of FF&E in progress.

Science Initiative

- Design team is proceeding with construction documents, anticipate 50% construction documents mid-December.
- Abatement and site clearing and civil preparatory work is scheduled to be complete this month.
- Anticipate 95% construction documents in April.

Law School Addition

- Consultant selection process is underway, anticipate January meeting for Board approval.

Campus Master Plan

- Consultant Selection is complete.

AMK Ranch

- Exploratory work required for the design of the septic and well system was completed in November 2018.
- Design of the septic and well systems is underway.
- Anticipate bidding the project in March.

West Campus Satellite Energy Plant

- Anticipate 50% construction documents in April.

Capital Construction

Progress Report as of December 4, 2018

The following is an accounting of the progress and activity of construction and design since the last Trustees meeting. Also reported are approved change orders.

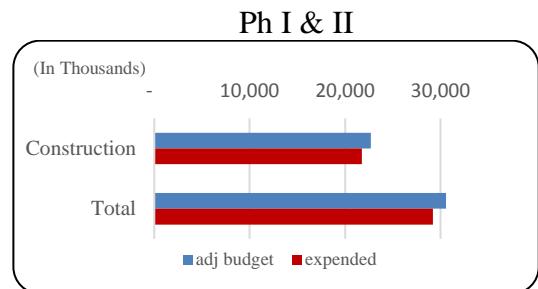
PROJECTS IN CONSTRUCTION

1. Arena Auditorium Renovation

Phase I

Contractor: Haselden Wyoming Constructors
 Casper, WY

Original Project Budget \$12,850,000 (a)
 Adjusted Project Budget \$12,982,109 (d)



<u>Funding Sources:</u>	<u>Original Anticipated:</u>	<u>Actual:</u>
Foundation	5,000,000	3,149,951
State Match	5,000,000	3,900,049
State Appropriation	2,850,000	5,120,000
Athletics	-	812,109
Total Funding	12,850,000	12,982,109

Guaranteed Maximum Price \$ 7,056,730
 Contract Substantial Completion Date March 27, 2014

(In Thousands)	Budget	Additional Funding	Use of Contingency	Adj Budget	Expenditures	Obligations	Remaining Balance
	(a)	(b)	(c)	(a+b+c)=(d)	(e)	(f)	(d+e+f)=(g)

Construction	7,057	911	360	8,328	(8,328)	-	-
Contingency	360	-	(360)	-	-	-	-
Design	1,059	-	-	1,059	(1,042)	(17)	-
FF&E	3,758	(460)	-	3,298	(3,298)	-	-
Tech	250	(250)	-	-	-	-	-
Admin	366	(69)	-	297	(297)	-	-
Total	12,850	132	-	12,982	(12,965)	(17)	-

Phase II

Contractor- pre construction: Haselden Wyoming Constructors, Casper, WY
Contractor – Design/Bid/Build: Sletten Construction of Wyoming, Inc.

Original Budget for Phase I and Phase II was \$30,000,000. Funding remaining from Phase I was applied to Phase II. See additional funding (b) below.

Original Project Budget \$17,150,000 (a)
Adjusted Project Budget \$17,830,000 (d)

Funding Sources:	Original Anticipated:	Actual:
Foundation	5,000,000	6,850,049
State Match	5,000,000	6,099,951
State Appropriation	7,150,000	4,880,000
Athletics Master Landscaping Project		(243,061)
Total Funding	17,150,000	17,586,939

Contract Price \$13,282,982
Contract Substantial Completion Date October 16, 2017

Note: Funds have been reallocated among the budget categories. The adjusted budget has not changed in total. Corresponding expenditures and obligations have also been reallocated. The project has changed from CMAR to Design/Bid/Build.

(In Thousands)	Budget	Additional Funding	Use of Contingency	Adj Budget	Expenditures	Obligations	Remaining Balance
	(a)	(b)	(c)	(a+b+c)=(d)	(e)	(f)	(d+e+f)=(g)
Construction	12,709	574	1,082	14,365	(13,445)	(920)	-
Contingency	1,198	167	(1,105)	260	-	-	260
Design	1,835	379	-	2,214	(2,173)	(19)	22
FF&E	663	(368)	6	301	(301)	-	-
Tech	270	(250)	-	20	(20)	-	-
Admin	475	(65)	17	427	(309)	(118)	-
Total	17,150	437	-	17,587	(16,248)	(1,057)	282

Statement of Contract Amount

Original contract		13,282,982
Change order #1	Drilled pier over run quantity	34,646
Change order #2	Changes to commissary foundation and statue base	11,418
Change order #3	Replacement of missing CMU bond beam above vestibule doors	1,149

Change order #4	Miscellaneous structural items: steel columns, modification to foundation pilaster	3,179
Change order #5	Changes to concession stands	4,545
Change order #6	Added dimming controls for concourse lights	4,556
Change order #7	Revised toilet partition specifications	(1,936)
Change order #8	Revised specification on temperature control system controller	4,962
Change order #9	Modifications to existing mechanical vent stacks	14,537
Change order #10	Added drywall soffit for mechanical diffusers at east entry vestibules	7,121
Change order #11	Revised sliding grille security to overhead coiling grille for new North & South concessions	23,732
Change order #12	Revised location of recessed light fixture Z at the Sailors gallery	3,657
Change order #13	Additional fire alarm work related to smoke exhaust fan dampers	9,972
Change order #14	Delete relocation of fire hydrant, credit to owner	(10,604)
Change order #15	Repairs to existing damaged waste piping at East Concourse as requested and **funded by UW Operations	**47,942
Change order #16	Change concrete subcontractors	97,371
Change order #17	Revisions to new emergency generator electrical feed for sub-concourse telecom room D-20	2,069
Change order #18	Add stainless steel doors and entrance trim for the elevator	7,954
Change order #19	Add bar buckle sign supports	6,404
Change order #20	Wall tile upgrade for new concessions (more durable wall finish)	16,775
Change order #21	Revisions to interior panel signs, various modifications, addition of existing restroom signage	3,232
Change order #22	Revisions to roof flashings and roof parapet cap metal revision	(780)
Change order #23	Sod replacement	19,356
Change order #24	Polished concrete upgrades	170,688
Change order #25	Painting of existing truck tunnel	10,014
Change order #26	Walnut upgrade from veneer at entry addition	12,096
Change order #27	Mirror replacement at existing restrooms	11,601
Change order #28	Modifications to four concession counters for movable beer dispensing equipment	7,211
Change order #29	Addition of exterior signage	82,108

Change order #30R	Addition of lights for added concession signs	5,209
Change order #31R	Delete work to move existing truck ramp condensing unit	(3,992)
Change order #32	Addition of specialty millwork to include custom walnut oversized trophy cases for Sailors gallery, the concourse and two enlarged pedestals for interactive Hall of Fame displays	67,521
Change order #33	Revisions to security cameras; revisions to exterior cameras, camera models and arena central located security cameras	19,016
Change order #34	Replacement of all existing faucets in existing restrooms on the concourse	34,000
Change order #35	Additional interior graphics and signage	14,731
Change order #36	Added lit portal signs at the concourse and arena sides of 16 portals	100,912
Change order #37	UL testing for main switch (pringle switch) required by state electrical inspector	10,616
Change order #38	Added door at concession 2, added athletic specialty lights, security separation door added at concession 2 for beer/wine sale vendor operation, four revolving special event lights added to north and south lobbies	4,810
Change order #39	Added donor wall display and hall of fame dimensional letters	29,573
Change order #40	Credit: back charges for additional landscape pre-con meeting & site visit; back charges for (2) additional site visits by food service design consultant	(5,303)
Change order #41	Exterior painting of metal roof panels	23,200
Change order #42	Credit: back charge for replacement of water damaged furniture at existing ticket office	(7,503)
Change order #43	Relocation of the FDC on the east side of building	8,640
Change order #44	Light pillar additional steel angle supports	13,629
Change order #45	Additional work for addition of stainless steel base and corner guards for added durability	34,139
Change order #46	Willet west concrete replacement	144,096
Change order #47	Concourse data and power outlets for concessions	14,873
Change order #48	Additional work related to grinding and resealing existing concrete floors in existing restrooms and concession stands	16,832
Adj Contract		14,412,956

Work Completed/In Progress:

- Metal panel work.

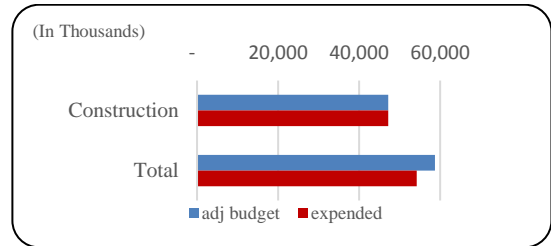
Issues Encountered with Proposed Resolution for Each:
<ul style="list-style-type: none"> None at this time.

Work Planned for the Upcoming Month:
<ul style="list-style-type: none"> Metal panel replacement.

2. High Bay Research Facility

Contractor: Haselden Wyoming Constructors
 Casper, WY

Original Project Budget
 (not including donated equipment) \$64,800,000 (a)
 Adjusted Project Budget
 (not including donated equipment) \$67,883,458 (d)



Funding Sources:	Original Anticipated:	Actual:
Foundation	16,300,000	16,300,000
Grants (AML sponsored programs)	15,000,000	15,000,000
State Appropriations	14,800,000	14,800,000
Foundation donor restricted for equipment	11,200,000	11,200,000
State Matching 2014	7,500,000	7,500,000
Loss of donor funding \$1M/match \$1M *	-	-
Reserve for cost overrun	-	4,484,000
Reserve Account	-	599,458
Total Funding	64,800,000	69,883,458
Donation of Physical Equipment eligible for State match	2,500,000	2,500,000
Total Project	67,300,000	72,383,458

Guaranteed Maximum Price \$42,925,724
 Budget includes amounts restricted for equipment purchase only under Tech.
 Contract Substantial Completion Date January 2017
Note: The amount of restricted donation funds has been moved out of Tech and represented as Restricted for Tech for clarification.

(In Thousands)	Budget (a)	Additional Funding (b)	Use of Contingency (c)	Adj Budget (a+b+c)=(d)	Expenditures (e)	Obligations (f)	Remaining Balance (d+e+f)=(g)
Restricted for Tech	11,200	-	-	11,200	(6,196)	(5,004)	-
Restricted Equip Donation	2,500	-	-	2,500	(2,500)	-	-
(In Thousands)	Budget (a)	Additional Funding (b)	Use of Contingency (c)	Adj Budget (a+b+c)=(d)	Expenditures (e)	Obligations (f)	Remaining Balance (d+e+f)=(g)
Construction	42,926	0	4,229	47,155	(47,155)	-	-

Contingency	3,125	5,084	(6,677)	1,532	-	-	1,532
Design	4,741		121	4,862	(4,664)	-	198
FF&E	1,288	-	142	1,430	(1,360)	(38)	32
Tech	644	-	80	724	(246)	(166)	312
Admin	876	-	2,105	2,981	(808)	(1,989)	184
Total	53,600	5,084	-	58,684	(54,233)	(2,193)	2,258

Statement of Contract Amount

Original contract		42,925,724
Change Order #1	Additional Concrete Work, Gas Meter, Manifold & Piping, Equipment Relocation	86,647
Change Order #2	Additional Costs for Extended Contract Date and Mechanical Systems Changes	4,952,341
Change Order #3	Door and Exterior Detail Changes, Bike Racks	10,563
Change Order #4	Radiation Shielding at South Walls	15,411
Change Order #5	Credits: Door Card Reader, Roof Davit	(11,559)
Change Order #6	Deleted Casework, Truck Turning Layout, Floor Radiation Shielding	(13,366)
Change Order #7	Heat recovery, fume hoods, electrical changes	(76,674)
Change Order #8	Chiller Vibration Isolation, Epoxy Flooring, Add End Switches to Control Valves	7,791
Change Order #9	Vibration Isolation for Pumps, Vertical Wire Management Sleeve	9,226
Change Order #10	Isolation valves, Additional ceramic tile, Elimination of tempered at lead glazing, Credit for UW personnel related to a hit conduit within steam tunnel, Destat fan, Electrical panel	(563)
Change Order #11	Balancing dampers, Catwalk guard, fire hydrant extensions, VPS power	11,980
Change Order #12	Mechanical: Circulation pump sequence	5,132
Change Order #13	Return of remaining construction contingency	(712,316)
Change Order #14	Return of GMP savings	(55,254)
Adj Contract		47,155,083

Work Completed/In Progress:
<ul style="list-style-type: none"> • Installation of Board approved miscellaneous projects.

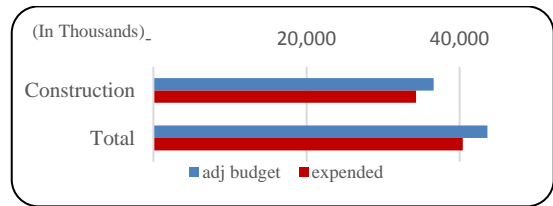
Issues Encountered with Proposed Resolution for Each:
<ul style="list-style-type: none"> • None at this time.

Work Planned for the Upcoming Month:
<ul style="list-style-type: none"> • Installation of Board approved miscellaneous projects.

3. Mick and Susie McMurry High Altitude Performance Center

Contractor: GE Johnson Construction Wyoming
 Jackson, WY

Original Project Budget \$ 44,000,000 (a)
 Adjusted Project Budget \$ 44,019,000 (d)



Funding Sources:	Original Anticipated:	Actual:
Foundation	3,000,000.00	3,000,000.00
Foundation	21,000,000.00	21,000,000.00
State Match	20,000,000.00	20,000,000.00
Athletic Gifts	-	18,844.89
Athletics	-	80,875.00
Athletics Master Landscaping Project		(400,000.00)
Athletics – IT equipment		(65,000.00)
Total Project	44,000,000.00	43,634,719.89

Guaranteed Maximum Price \$34,638,119
 Contract Substantial Completion Date June 1, 2018

(In Thousands)	Budget (a)	Additional Funding/Adj (b)	Use of Contingency (c)	Adj Budget (a+b+c)=(d)	Expenditures (e)	Obligations (f)	Remaining Balance (d+e+f)=(g)
Construction	34,638	813	1,197	36,648	(34,331)	(2,317)	-
Contingency	1,582	-	(1,208)	374	-	-	374
Design	3,494	81	-	3,575	(3,381)	(194)	-
FF&E	2,001	100	-	2,101	(2,051)	(50)	-
Tech	1,000	(813)	-	187	(176)	(11)	-
Admin	1,285	(546)	11	750	(480)	(270)	-
Total	44,000	(365)	-	43,635	(40,419)	(2,842)	374

Statement of Contract Amount

Original contract		\$34,638,119
Change order #1	Add cement board in lieu of drywall - area S-2	8,389
Change order #2	Exploratory excavation to locate buried water lines	11,010
Change order #3	Pricing for ASI-100, civil plan updates	543
Change order #4	Increase grease interceptor size	4,547
Change order #5	Switch from aluminum to copper bussing at all panel boards & switchboards	7,293
Change order #6	Labor & material credit for elimination of manhole #3 due to resizing the grease interceptor	(8,659)
Change order #7	Provide power to floor box 6 at the squad room and training table	1,240
Change order #8	Prep, prime and paint exposed HSS columns in the recovery pool room with epoxy based paint	3,280
Change order #9	Remove and replace door, frame and hardware at opening L204	4,166
Change order #10	Sink discrepancies at sports med exam rooms	6,220

Change order #11	Furnish and install 3 exit signs	1,341
Change order #12	Furnish and install fixtures and occupancy sensor	1,166
Change order #13	Parts & labor to provide power to SP-1, sump pump for new elevator	1,969
Change order #14	Parts & labor for elevator tube steel	7,225
Change order #15	Parts & labor for rubber flooring at landings - S7	3,630
Change order #16	Parts and labor credit for static control tile	(8,264)
Change order #17	Materials & labor for epoxy paint at wet areas	8,741
Change order #18	Changes to the building envelope to satisfy UW standards & commissioning consultants suggestions; credit to switch from Plae and Mondo rubber flooring to Regupol	(125,200)
Change order #19	Eliminate the permeable pavers and have concrete hardscapes at all drive lanes – reflects costs to add all necessary storm water storage vessels, re-work storm water infrastructure and add concrete	27,761
Change order #20	Modify select fixtures to mitigate maintenance issues	12,017
Change order #21	Added costs for necessary parts and labor to install door holds and alarm infrastructure at the affected openings due to design team oversight	4,307
Change order #22	Design deficiency – includes all necessary materials and labor to fabricate a parapet cap that sheds water away from the building	2,555
Change order #23	Multiple lighting deficiencies and discrepancies in the lighting plan – includes all necessary additions and revisions	23,673
Change order #24	UW Athletics wanted to add power and data at (2) locations in the new weight room to accommodate bikes	4,104
Change order #25	Response/cost reconciliation to audit report; CCD's 1-4; revised schedule/phasing plans associated with code review changes (schedule extension has not added cost)	360,178
Change order #26	New exterior knox box at north elevation; install owner furnished Morpho Lite biometric readers; install (14) owner furnished cameras.	813,342
Change order #27	Furnish and install complete commercial kitchen package for HAPC training table and fueling station	314,053
Change order #28	Furnish and install 3-Form Ceiling lettering in football locker room	60,295
Change order #29	Adding south tower access panel, fabricating and installing west loading lock trickle channel,	23,809

	changing glazing at south landing to tempered, axiom trim diffusers modifications in the squad room and adding solid surface sill on recovery pool exterior wall for durability	
Change order #30	Additional cost to convert (5) ADA lockers to full sized lockers with benches	9,566
Change order #31	Demolish and re-install existing fixtures to increase shower head count	67,252
Change order #32	Upgrade furnishings in copy/kitchen area	34,698
Change order #33	Furnish & install the great hall donor wall	56,775
Change order #34	Furnish & install locker room ramp glass	11,949
Change order #35	Furnish & install custom lectern for squad room	2,097
Change order #36	Keysets, door hardware, repainting, furnish and install manual shades, patch drywall, run domestic waterlines to L2 walk-ins, provide wall protection east of toilets/grooming areas relocate receptacles and monitors	166,009
Change order #37	Provide and install dryfall paint to Olympic Weight Room ceiling, paint ceiling control joints in corridor C205, paint ceiling to first soffit in existing main stairwell	14,019
Change order #38	Electrical modifications	13,790
Change order #39	Demolish and salvage existing monument sign, install HSS tube knife plates, re-install signage	10,916
Change order #40	Furnish and install additional framing and finishing details at exterior north vestibule	2,897
Change order #41	Provide underlayment in Olympic Weight Room to meet threshold for relative humidity prior to rubber flooring installation	16,558
Change order #42	Installation of door hardware, biometric readers, prime and paint walls for screen lowering, lower displays in Olympic Weight Room, additional tile in women's room	29,062
Adj Contract		\$36,648,438

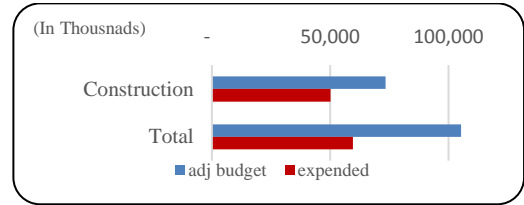
Work Completed/In Progress:
<ul style="list-style-type: none"> Punch list items remain.

Issues Encountered with Proposed Resolution for Each:
<ul style="list-style-type: none"> None at this time.

Work Planned for Upcoming Month:
<ul style="list-style-type: none"> Punch list work.

4. Engineering Education and Research Building (EERB)

Contractor: GE Johnson Construction Wyoming
 Jackson, WY
 Original Project Budget \$ 105,358,910 (a)



Funding Sources:	Original Anticipated:	Actual:
Grant – AML funds	350,000.00	350,000.00
Grant 2 – AML funds	750,154.00	750,154.00
State appropriation	55,000,000.00	55,000,000.00
Reduced by 2015 legislative action	(8,570,000.00)	(8,570,000.00)
Reduced by 2015 legislative action	(3,475,737)	(3,475,737)
State gen fun from AML – held until match	15,800,000.00	15,800,000.00
State matching funds	14,200,000.00	14,200,000.00
State Sec I swap for cap construction	10,000,000.00	10,000,000.00
2016 Appropriation	14,500,000.00	14,500,000.00
2015 DEQ redirected funds	3,475,737	3,475,737
Foundation donation	3,328,756	3,328,756
Total Project	105,358,910.00	105,358,910.00
Equipment: Foundation funds	3,106,100	3,106,100

Guaranteed Maximum Price \$69,014,882

Contract Substantial Completion Date February 13, 2019

Note: Funds have been reallocated among the budget categories. The adjusted budget has not changed in total.

(In Thousands)	Budget (a)	Additional Funding (b)	Use of Contingency (c)	Adj Budget (a+b+c)=(d)	Expenditures (e)	Obligations (f)	Remaining Balance (d+e+f)=(g)
Equipment	-	3,106	-	3,106	(2,330)	(776)	-
(In Thousands)	Budget (a)	Additional Funding (b)	Use of Contingency (c)	Adj Budget (a+b+c)=(d)	Expenditures (e)	Obligations (f)	Remaining Balance (d+e+f)=(g)
Construction	72,491	886	-	73,377	(50,152)	(19,651)	3,574
Contingency	8,205	(4,362)	-	3,843	-	-	3,843
Reserve	5,243	3,369	-	8,612	-	-	8,612
Design	7,943	(129)	-	7,814	(7,466)	(344)	4
FF&E	3,993	(75)	-	3,918	-	-	3,918
Tech	3,474	(75)	-	3,399	(10)	-	3,389
Admin	4,010	386	-	4,396	(2,013)	(321)	2,062
Total	105,359	-	-	105,359	(59,641)	(20,316)	25,402

Statement of Contract Amount

Original contract		\$69,014,882
Change order #1	Owner requested changes to AV/IT base bid package	762,148
Change order #2	Owner requested changes to boardroom AV/IT base bid package	279,003

Adj Contract	\$69,777,030
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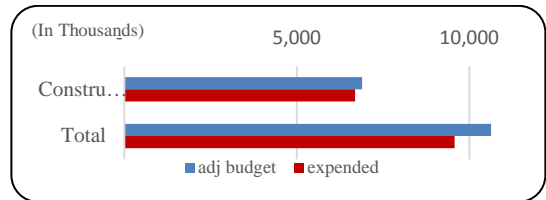
Work Completed/In Progress:
<ul style="list-style-type: none"> • Exterior masonry installation is complete. • Installation of exterior glazing systems are complete, trim and sun shades in progress. • Drywall and first coat paint is complete through level 4. • Mechanical and plumbing roughs are complete, select equipment start-up and commissioning has commenced. • Electrical roughs are complete, fixture installation and trim installation is in progress. • Site utilities are complete and final grading, hardscapes, site walls, and irrigation mains are underway. • Site curb, gutter, sidewalk, and asphalt patches are complete. • Interior finishes are underway, lab casework, fume hoods, and corridor built-in furnishings.

Issues Encountered with Proposed Resolution for Each:
<ul style="list-style-type: none"> • None at this time.

Work Planned for the Upcoming Month:
<ul style="list-style-type: none"> • Items included above will continue.

5. BSL3 – State Vet Lab

Contractor: Sampson Construction Co, Inc.
 Original Project Budget \$8,372,000 (a)
 Adjusted Project Budget \$10,572,065



Funding Sources:	Original Anticipated:	Actual:
State of Wyoming Reimbursement	8,372,000.00	9,497,065.02
UW		1,328,945
Total Project	8,372,000.00	10,826,010.02

Contract Substantial Completion Date June 26, 2017

(In Thousands)	Budget (a)	Additional Funding (b)	Use of Contingency (c)	Adj Budget (a+b+c)=(d)	Expenditures (e)	Obligations (f)	Remaining Balance (d+e+f)=(g)
Construction	6,512		378	6,890	(6,690)	(200)	-
Specialized Equipment	-	2,454	-	2,454	(1,628)	(814)	12
Contingency	496		(386)	110			110
Design	766		112	878	(789)	(89)	-
Admin	598		(104)	494	(465)	(9)	20
Total	8,372	2,454	-	10,826	(9,572)	(1,112)	142

Statement of Contract Amount

Original contract	6,512,000
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Change Order #1	Re-feed supply & exhaust air to corridor, storage & incinerator rooms	8,780
Change Order #2	Provide/install floor sink for new autoclaves	1,289
Change Order #3	Remove existing floor drain	699
Change Order #4	Repair stated existing problems (Wazee crane report)	5,067
Change Order #5	Delete 42 door guards	(4,620)
Change Order #6	Eliminate demo of existing Clayton steam boiler	(2,625)
Change Order #7	Eliminate installation of floor sink & cold water drop in cagewash	(888)
Change Order #8	Add new 2" floor drain for emergency shower/eyewash	1,503
Change Order #9	Add 10 new 3/4" valves for emergency shower/eyewash	2,486
Change Order #10	Change 1000 AMP breaker to free standing disconnect	(1,873)
Change Order #11	Add 6 new 3/4" isolation valves for emergency eyewashes	2,178
Change Order #12	Existing floor sink drain to be relocated to meet code, revise outlet size for combination waste & vent	614
Change Order #13	Add new floor drain in necropsy storage	2,725
Change Order #14	Add new stainless steel supply diffuser in necropsy; modify duct to avoid crane rail	3,724
Change Order #15	Remove excess concrete floor grout to structural concrete in necropsy room	6,000
Change Order #16	Delete perimeter drain around exterior entrance addition foundation	(199)
Change Order #17	Flash in mechanical curb to maintain water-tight integrity	906
Change Order #18	Relocate existing boiler feed water equipment, along with electrical relocation	7,340
Change Order #19	Revise exterior transformer	(1,552)
Change Order #20	Demo/replace CO2 lines & hangers/isolation valve for CO2 system; test when complete	7,132
Change Order #21	Demo/re-install secondary containment system	16,791
Change Order #22	Relocate existing piping into new walls	11,260
Change Order #23	Provide/install new data cabling	14,639
Change Order #24	Change specified LR25D model pass-thru refrigerator to a LR55D model	3,282
Change Order #25	Provide & install a weather-resistant fire alarm horn/strobe devise on north wall of necropsy, caulk accordingly	174
Change Order #26	Provide new floor sink, FS-1, with waste & vent lines	2,469
Change Order #27	Fabricate enclosures for existing blower equipment for exterior usage (manufacturer defect)	958

Change Order #28	Cut, remove, replace existing concrete slab; install new 3" floor sink w/ pipe & fittings to tie into existing 4" drain line	1,738
Change Order #29	Provide & install 2-3" swing check valves, new feed water pipe & fittings, hangers & supports; controls work to modify BFU control panel & reconfigure boiler controls	16,413
Change Order #30	Prep/re-surface floor with shock-crete and topcoat to build up floor slope	46,358
Change Order #31	Delete work in incinerator room 1138	(7,401)
Change Order #32	Fabricate (5) stainless steel enclosures for CO2 panels	1,581
Change Order #33	Credit 10% overhead and profit of prior owner approved change orders (#5,6,7,10,16,19) – per article 39 of specifications	(1,176)
Change Order #34	Delete re-install of autoclaves, owner will complete and credit 10% overhead and profit	(17,091)
Change Order #35	Add porcelain tile and epoxy paint finishes; delete FRP finishes	11,565
Change Order #36	Provide and install PT-2; credit resign tops and sinks	6,565
Change Order #37	Credit (3) door cylinders	(262)
Change Order #38	Install water lines for (3) purified water units, provide and install supports for additional lines	867
Change Order #39	Relocate steam and condensate lines; provide additional hangers and supports	3,941
Change Order #40	Provide power and lighting to roof top fan housing enclosure	1,081
Change Order #41	Reconfigure existing EDS waste lines and add (2) clean-outs	20,599
Change Order #42	Provide new circuit for (4) jacket heaters	731
Change Order #43	Tie onto existing dry pipe sprinkler system	1,279
Change Order #44	Supply and install cabinet back panels and bottoms	4,146
Change Order #45	Purchase single door sterilizer in lieu of renting temporary sterilizer	9,367
Change Order #46	Add VHP piping and ports to decon room 1122; install VHP lines utilizing 1-1/2" PVC pipe; provide & install isolation valves & quick connects	4,752
Change Order #47	Fabricate & install 10" stainless steel duct for exhaust air into decon room 1122; provide new 24"x12" stainless steel exhaust grill; provide & install new bubble tight damper; additional balancing	12,625
Change Order #48	Remove demolition of floor, cove base in corridor	(3,328)
Change Order #49	Provide compressed air to new cage wash equipment	1,124
Change Order #50	Remove and replace existing electrical conduit in Necropsy CMU walls	69,365
Change Order #51	Fix and repair 2 nd floor mechanical room door leak	821

Change Order #52	Install new light fixtures by autoclaves	1,675
Change Order #53	Replace eyewash fixtures with hoses; install stainless steel caps to infill existing counter tops	3,893
Change Order #54	Demolish concrete/asphalt; provide new curb and slab; add fencing and gates, including utilities for exterior temporary incinerator	27,509
Change Order #55	Remove and replace (25) HEPA filters and pre-filters	16,255
Change Order #56	Provide reimbursable cost for Rocky Mountain Power utility work paid by UW	(1,750)
Change Order #57	Run additional conduit from Panel UPS to BSL3 mezzanine for back-up power to Johnson Controls controllers	1,865
Change Order #58	Provide and install (6) door closure kits	590
Change Order #59	Extend substantial completion date	-
Change Order #60	Provide & install new door hardware for door 1151A	741
Change Order #61	Cut hole in floor and install a 2" floor drain in corridor C1140 to help with existing drainage	6,714
Change Order #62	Patch open drywall holes; firestop multiple openings; take down and replace existing electrical and security wiring and conduit not installed per code	18,380
Change Order #63	Re-coat and re-texture flooring in corridor C1140 & C1140A	2,259
Change Order #64	Supply and install three (3) additional egress buttons	1,413
Change Order #65	Fix multiple construction discrepancy items as detailed in log	56,657
Change Order #66	Credit back allowance not needed for installation	(108,583)
Change Order #67	Remove and re-install HEPA filter housing unit EE-12 to correct orientation for proper air flow; re-work hangers and supports as required for re-installation	1,996
Change Order #68	Provide and install additional shelving for DI water system equipment	543
Change Order #69	Provide & install (2) 32"x32" backdraft dampers for AHU-4 supply fans; fabricate & install duct flanges & galvanized sleeves for installation and support of backdraft dampers	5,206
Change Order #70	Repair and replacement of two existing cards in existing transfer switches	2,962
Change Order #71	Extend 208V amp circuit from north wall of BSL3 mezzanine to west wall for additional power source for VHP machine	494
Change Order #72	Rewire phoenix controllers to a 24V system from 120V	2,322
Change Order #73	Remove existing door hardware; replace with new hardware and have VTI wire accordingly	1,732
Change Order #74	Provide and install new trench drain trap seals serving the EDS system	1,259

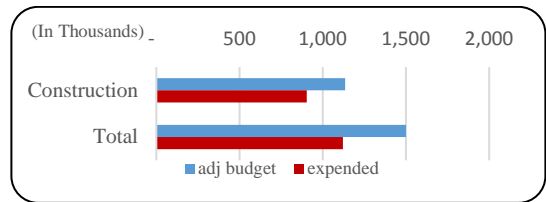
Change Order #75	Provide and install (15) door louvers (to address air flow issues)	36,173
Change Order #76	Replace damper actuators on cooling tower #1 and #2	19,424
Change Order #77	Remove existing door seals and re-paint due to balancing requirements	6,968
Change Order #78	Supply new door sweeps	1,153
Adj Contract		\$6,893,769

Work Completed/In Progress:
<ul style="list-style-type: none"> Working through air flow balancing issues. Delivery and installation of the new incinerator is complete. Construction of the incinerator addition continues.
Issues Encountered with Proposed Resolution for Each:
<ul style="list-style-type: none"> None at this time.

Work Planned for the Upcoming Month:
<ul style="list-style-type: none"> Project completion. Commissioning of newly installed exhaust fans in the existing BSL-2 spaces, BSL-3 space and the incinerator project.

6. WWAMI – Lab Renovation

Contractor: Arcon, Inc., Laramie, WY
 Original Project Budget \$1,500,000 (a)
 Adjusted Project Budget \$1,500,000



Funding Sources:	Original Anticipated:	Actual:
WWAMI Income	643,000	643,000
Academic Affairs Medical Education Quasi Account	197,000	197,000
College of Health Sciences Building Account	360,000	360,000
State Appropriation (FY17/18 Budget) for Level II study	300,000	300,000
Total Project	1,500,000	1,500,000

Contract Substantial Completion Date November 30, 2018

(In Thousands)	Budget (a)	Additional Funding/Adj (b)	Use of Contingency (c)	Adj Budget (a+b+c)=(d)	Expenditures (e)	Obligations (f)	Remaining Balance (d+e+f)=(g)
Construction	1,063	71	-	1,134	(903)	(231)	-
Contingency	71	-	(7)	64	-	-	64
Design	168	10	7	185	(172)	(13)	-
FF&E	81	(81)	-	-	-	-	-
IT/Tech	68	(68)	-	-	-	-	-
Admin	49	68	-	117	(46)	(10)	61

Total	1,500	-	-	1,500	(1,121)	(254)	125
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Statement of Contract Amount

Original contract		1,101,500
Change order #1	Reroute glass waste piping, chase demolition and reworking	14,410
Change order #2	Add accent color to the rooms 338A 338 338B 340	4,723
Change order #3	Change base in rooms 338 338A 338B 340 from specified match RT1 flooring to Flexco's Health design base	3,319
Change order #4	Demolish concrete benches, demolish four doors and frames, frame and finish openings	5,412
Change order #5	Replace floor drain with floor sink to accommodate slab thickness	243
Change order #6	Add mechanical chase access	1,816
Change order #7	Window sills in prep lab room 338A	2,633
Change order #8	Relocate mop sink and revise door opening in rom 338A	685
Change order #9	Revise window size to match existing and structural details to address existing wall construction	(4,000)
Change order #10	Infill existing alcoves with salvaged glassed structural tile	2,131
Change order #11	Install oak chamfer to join existing sill and furring	1,165
Adj Contract		\$1,134,037

Work Completed/In Progress:
<ul style="list-style-type: none"> • Punch list walk through is complete. • Mechanical and electrical commissioning underway. • Installation of FF&E in progress.

Issues Encountered with Proposed Resolution for Each:
<ul style="list-style-type: none"> • Per previous air quality results, installation of one additional exhaust air duct is proposed to complete mechanical system in new gross anatomy lab.

Work Planned for the Upcoming Month:
<ul style="list-style-type: none"> • Punch list items.