

THE UNIVERSITY OF WYOMING
BOARD OF TRUSTEES' MINUTES
March 22-24, 2012

**The Final Minutes can be found on the University of Wyoming Board of Trustees website
at <http://uwadmnweb.uwyo.edu/trustees>**

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March 22-24, 2012

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THE UNIVERSITY OF WYOMING
MINUTES OF THE BOARD OF TRUSTEES
March 22-24, 2012
Coe Library, Meeting Room 506

The Board of Trustees of the University of Wyoming met in Laramie, Wyoming, on Thursday, March 22, and Friday, March 23. The meeting began with subcommittee meetings and a brief public session before attending the “Take a Trustee to Class” activities followed by lunch with faculty and administrators. The lunch was followed by public session until 4:00 p.m. when the Board adjourned to attend the 2012 President’s Speaker Series Presentation, *A Virologist Gone Buggy: A Journey from Tumor Viruses to Insect Cell BioTechnology*, by Professor of Molecular Biology Don Jarvis. The evening of Thursday, March 22, the Board attended an informal dinner at President Buchanan’s home.

Friday, March 23, the Board of Trustees met in public session briefly, followed by Executive Sessions. The Business Meeting was held on the afternoon of Friday, March 22, 2012.

AGENDA ITEM TITLE: Construction Contracts, Vinzant

- a. Approval of Architect/Engineer Services for Literacy Research Center and Clinic (LRCC)
- b. Approval of Finance Agreement for UW's ESCo Project

CHECK THE APPROPRIATE BOX(ES):

- Work Session
 Education Session
 Information Item
 Other Specify:

MINUTES OF THE MEETING:

Vice President for Administration Doug Vinzant presented the revised narrative with information regarding approval of the Architect/Engineer Services for Literacy Research Center and Clinic (LRCC). See inserted narrative below this Minutes section.

There were no questions from the Board regarding this item.

Vice President Vinzant then discussed the request for approval of the finance agreement for UW's ESCo Project. Vice President Vinzant referred the Board to the information found in the Board Report requesting authorization for administration to enter into a lease purchase financing agreement with Kaiser and Company for UW's energy performance project with Long Energy Solutions.

It was noted that both of these items were listed on the Consent Agenda.

Revised 3-20-12

The University of Wyoming
Board of Trustees' Report
March 22-23, 2012

AGENDA ITEM TITLE: **Literacy Research Center and Clinic (LRCC) - Architect/Engineer Services Approval**, Vinzant

CHECK THE APPROPRIATE BOX(ES):

- Work Session
 Education Session
 Information Item
 Other Specify: Approval of Architect/Engineer

BACKGROUND AND POLICY CONTEXT OF ISSUE:

The mission of the University of Wyoming Literacy Research Center and Clinic (LRCC) is to serve as the epicenter of literacy expertise in the state. The primary goals of the LRCC will be to improve the quality of literacy learning, literacy instruction, and literacy leadership in the state. Through the formation of partnerships with public schools, private schools, and community-based organizations for children and families, center personnel will engage in clinical and professional development activities both on the UW campus and across the state using state-of-the-art distance technologies. Research projects will be developed in relation to all clinical and professional development activities. At present, UW has planned outreach and research efforts that focus on the following key areas: (a) basic literacy processes (e.g., emergent literacy, vocabulary, comprehension); (b) struggling readers and writers; (c) genre-based, discipline-based literacy processes across the K-12 spectrum; (d) family literacy (particularly with poor, rural families and families who include English learners); and (e) the transition to post-secondary life.

The UW College of Education has become a focal point of scholarship and expertise in literacy, an area in which the College is poised for national prominence. Literacy is the undeniable cornerstone for success in schools and for future contributions to the national and state economy, and these issues are the bases for the contemporary public and political outcry to reform schools. School reform cannot occur without reaching out to the teachers and other school personnel to support them in improved instructional practice. It is through the continued research around literacy education that scholars can identify new instructional strategies and best practices to share with pre-service and in-service teachers. The Literacy Research Center and Clinic is focused on the needs of learners of all ages (birth through high school) and the improvement of the instructional capacity of classroom teachers to meet these needs on a daily basis through a three-pronged approach that includes pre-K-12 education, pre-service teacher education, and graduate education/research.

The location of choice for the LRCC is within the Education Annex Building to collocate the education and literacy functions of the college. The facility is located on Lewis Street and 13th Street. The existing 9,000 gross square feet of lower level space will be reconfigured for the

LRCC containing 5,780 net square feet. The estimated costs of \$3.85 million will be funded with private donations and matched by state appropriations. The project schedule would have design completed by August 2012 and construction completed by May 2013.

The professional architect/engineering services were publicly advertised with qualification responses received on March 2, 2012 with six Wyoming firms responding.

Interviews occurred on March 20, 2012. Twenty three packets of information describing the project have been requested by architects and engineers. Six submittals were received from interested firms. Three firms were selected for interviews, all Wyoming firms.

The priority ranking of the architect/engineering teams is as follows:

1. The Design Studio, Inc., Cheyenne, Wyoming
2. Malone Belton Abel, P.C., Sheridan, Wyoming and Laramie, Wyoming
3. GSG Architecture, Inc., Casper, Wyoming

All firms were qualified to provide services.

PRIOR RELATED BOARD DISCUSSIONS/ACTIONS:

None

WHY THIS ITEM IS BEFORE THE BOARD:

Authorization is required from the Board of Trustees to contract for the architect/engineering services for the LRCC.

ARGUMENTS IN SUPPORT:

The funding is available through private donations matched with an appropriation for the purposes of completing the design and construction of the Literacy Research Center and Clinic.

ARGUMENTS AGAINST:

None

ACTION REQUIRED AT THIS BOARD MEETING:

It is recommended that the Board of Trustees of the University of Wyoming authorize the contracting with The Design Studio, Inc., architect/engineer for the Literacy Research Center and Clinic.

PRESIDENT'S RECOMMENDATION:

The President concurs with the recommended action.

AGENDA ITEM TITLE: Introductions & Recognitions, Allen/Murdock

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify: Committee of the Whole (Consent Agenda)

MINUTES OF THE MEETING:

Provost and Vice President for Academic Affairs Myron Allen introduced Steve Holbrook, Professor of Geophysics in the Department of Geology and Geophysics, recently named Fellow of the American Geophysical Union—recognition made at a national and international level for contributions made in this discipline. Provost Allen briefly discussed his educational background and current research projects. He then recognized the department head in the Department of Geology and Geophysics.

Provost and Vice President for Academic Affairs Myron Allen introduced Karen Bartsch, Professor in the Department of Psychology, who was recently named Fellow of the Association of Psychological Science. This award is recognition for her contributions in this discipline. Provost Allen briefly discussed her educational background and current areas of study. He then recognized the department head in the Department of Psychology, Carolyn Pepper.

Vice President for Research and Economic Development Bill Gern recognized Jing Zhou, assistant professor in the Chemistry Department, who received the NSF CAREER Award. Provost Allen briefly discussed her educational background and current areas of study. (He then recognized the department head in the Chemistry Department.)

Dean of Students Dave Cozzens introduced Joanna Carter, the new director of Student Financial Aid. He provided some background regarding her career history and education.

Dean of Students Dave Cozzens then introduced Keith Evashevski, new Director of the University Counseling Center. He provided some background regarding his career history and education.

Vice President for Administration Doug Vinzant recognized those participants from the Leadership Academy who were in the audience. He noted that this is the first class to begin this 3-year program.

AGENDA ITEM TITLE: Legislative Update, Richards

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify:

MINUTES OF THE MEETING:

Don Richards, Director of Governmental and Community Relations, distributed materials outlining UW Funding for the 2012 Budget Session and an overview of UW-related bills from the 2012 Legislative Session. [Note: These documents can be found below this section of the Minutes.]

There was discussion by the Board regarding employee benefits, TIAACREF and the state retirement system, and comments regarding continuing to support the performing arts project.

UW Funding - 2012 Budget Session

The legislature *approved the standard budgets* for the agencies noted below, plus **WICHE (Agency 069)** and **EORC (Agency 070)**

UW Block Grant (Agency 067)

Libraries - \$1.8 million GF (General Funds)*

NCAR - \$1 million GF* (plus the \$1 million in the standard budget)

High Performance Computing - \$2.17 million GF (one-time)

Brucellosis Research - \$200,000 GF one-time (plus \$200,000 in the standard budget)

School of Energy Resources (SER) operations - \$20.4 million GF (own line item in 067 Budget)

*Increases to the standard budget of UW's "state aid" line item total of \$2.8 million.

Capital Construction (Agency 067)

Performing Arts - \$14.2 million FY12 PWMTF capital gains; authorization of up to \$14.2 million private matching or bonding

White Hall Renovation - \$10 million bonding authority

Engineering

- Level II - \$1,150,154 AML (Abandoned Mine Land -AML- funds)
- Building Account - \$30 million (\$14.2 million – GF; \$15.8 million – PWMTF capital gains (matching funds))

Half Acre Recreation Center - \$15 million GF, \$12 million bonding (with art requirement)

Infrastructure Improvements - \$5 million GF (steam tunnels and power lines)

Sheridan Watt Building – \$5.3 million (\$1.8 million – GF; \$3.5 million – AML)

Major Maintenance – \$19,033,964 GF (through Department of Administration and Information)

AML (Abandoned Mine Land Funds)

SER Strategic Plan - \$10 million AML; \$15 million AML in energy partnership matching funds

Clean Coal Task Force/Advanced Conversion Technology Task Force (CCTF) – \$10 million AML

SER Minerals to Value Added Products study - \$500,000 AML

Glass studies, as awarded by the CCTF - \$100,000 AML

Rare earth materials research to the College of Engineering - \$700,000 AML

SER for carbon storage and enhanced oil recovery - \$1 million in AML, with matching requirement

Arena Auditorium - \$10 million AML matching; \$10 million in private donations; \$10 million in bonding (athletic funds only)

Medical Education (Agency 167)

Casper Clinic – authorization to use \$4,492,476 in clinic revenue, consistent with the June 2011 B-11 transfer and imposition of a WDH/UW study

Cheyenne Clinic - \$2.3 million GF (one-time), along with a WDH/UW study

WWAMI - \$1.625 million GF for expanded class size, summer tuition, and tuition inflation

WYDENT - \$228,500 GF for tuition inflation

APN Psychiatry – standard budget approved, with a UW commitment to revert any unused funds

Accelerated Nursing – standard budget approved

Other Agencies or Bills (exception requests only):

Office of Water Programs - \$575,000 Water Account Funds (\$400,000 for statewide research and \$175,000 for operations)

Nuclear Hybrid Reactor Research - \$50,000 GF (available to SER, College of Business, or College of Engineering)

Seed Lab - \$50,000 GF

Wyoming Conservation Fund - \$100,000 GF

Wyoming Pipeline Authority, in conjunction with SER - \$2 million GF for CO2 pipeline corridors

Other

Distance Education/Video Conferencing – combined carryover with Governor's authority

Zero-based budgeting for 600 and 900 series

Budget reduction planning for FY14, first report of 4% budget reduction proposals due July 1, 2012.

2012 Legislative Session
UW-Related Bills
03-20-12

HB (House Bill) 26: Contractor Residency Provisions

The bill redefines “resident contractor” for purposes of preferences laws, modifies penalties, and creates a select legislative committee to study contractor preference laws. Passed and signed – 2012 Laws, Chapter (Ch.) 80

HB 29: Uranium Research Center Funds Extension

In 2008, the Legislature provided funds to the School of Energy Resources to support research in uranium. This bill extends the deadline for the expenditure of these funds from June 30, 2013 to June 30, 2015. There is approximately \$578,000 remaining that is available for grants. Passed and signed – 2012 Laws, Ch. 6

HB 41: Omnibus Water Bill – Planning

The Legislature annually appropriates funds from special accounts to support planning of water projects throughout Wyoming. This year’s bill provided \$575,000 for the biennium through the Wyoming Water Development Commission to UW’s Water Research Center - \$400,000 for statewide water research and \$175,000 for the Center’s operations. Passed and signed – ’12 Laws, Ch. 57

HB 67: Limited Alcoholic Beverage Permit

This bill would have permitted holders of a malt beverage permit to sell alcohol in limited quantities. It would have also provided the UW Board of Trustees with the ability to permit consumption of malt beverages and alcohol in other locations on campus in addition to the Student Union, including athletic venues and receptions. The bill failed introduction, meaning it did not receive the support of two-thirds vote of the House for introduction during a Budget Session.

HB 80: Remediation for Hathaway Recipients

This legislation would have required Wyoming school districts to reimburse UW and community colleges for the tuition costs of remedial classes to recipients of Hathaway scholarships at the Honor or Performance levels. UW determines if its incoming students require remedial work in math, but community colleges offer the class work. The bill failed introduction.

HB 90: Baseline Scientific Assessments

This legislation authorizes the Governor to supervise the collection of baseline scientific data on public lands which may impact agricultural, mineral, geological, historical or environmental resources. The Legislature appropriated \$500,000 to carry out the purposes of the bill and UW may contribute to the projects at the research level or as a library for the data, depending upon the Governor’s direction.

HB 91: Wyoming Retirement Act

Wyoming state government currently provides its employees and those working for school districts and political subdivisions with the option of participating in a defined benefits retirement plan. This bill would have closed the defined benefits plan to new enrollees and provided for a mandatory and optional defined contribution plan. The bill failed introduction.

HB 118: Deferred Compensation Program – State Contribution

This piece of legislation would have increased the state's maximum contribution for deferred compensation for state employees, including those at UW. Under this plan, the state matches contributions made by employees up to a level set by the Legislature. This bill would have increased that maximum amount from \$20 per month to two percent of the contributing employee's salary, per month. An appropriation of \$17,300,000 was included in the bill to fund the two percent contribution for state entities, including UW, for the FY13-14 biennium. The bill failed introduction.

HB 121: Abandoned Mine Land Funds

Through this bill, the Legislature appropriated approximately \$130 million in AML funds that included several UW capital construction and research projects. The disbursements were a combination of new AML funds and those the Legislature had previously appropriated, particularly to the Wyoming Carbon Underground Storage Project and Clean Coal Task Force. Passed and signed – '12 Laws, Ch. 27

SF (Senate File) 12: Nuclear Energy Task Force Extension

Last year, the legislature created a task force to explore nuclear energy production in the state. This bill reconstitutes the task force and extends its sunset date and funds its activities through the end of 2012. Passed and signed – '12 Laws, Ch. 40

SF 14: Nuclear and Hybrid Energy System Related Projects

The legislature is directing the Wyoming Business Council to explore the feasibility of locating a next generation nuclear plant and hybrid energy system facilities in the state. Of the \$250,000 appropriated to support this effort, the Council shall provide up to \$50,000 to UW's College of Business, College of Engineering and School of Energy Resources to assist with the research. Passed and signed – '12 Laws, Ch. 41

SF 15: Advanced Conversion Technologies Task Force Amendments

The Clean Coal Task Force has been renamed the Advanced Conversion Technologies Task Force. While it will continue to explore clean coal, its mission was expanded to include advanced conversion technologies, and the group's sunset date was extended to June 30, 2017. Passed and signed – '12 Laws, Ch. 12

SF 21: Savings Statute Application to Governmental Claims

The legislation would have directed that the extension of time to commence an action under the savings statute applies to actions and claims brought under the Wyoming Governmental Claims Act. The bill died in the Senate Judiciary Committee.

SF 25: Public Records

This piece of legislation clarifies which government records are open to public inspection, including those at UW. It also refines the process that members of the public can employ to gain access to these records. Specifically, while there is no timeline for producing the records, the custodian must notify the applicant within seven business days from the date of acknowledged receipt of the request of the availability of the records sought. Passed and signed – '12 Laws, Ch. 74

SF 27: Public Meetings

This Senate File clarifies the state's statutes governing the definition of public meetings, particularly with regard to the preparation of minutes, notice of meetings, special meetings and executive sessions held by government entities. The bill defines "assembly" and requires any motion to hold an executive session to specify the reason for meeting, as broadly set forth in statute, e.g., W.S. 16-4-405(a)(iii), pending or proposed litigation. Passed and signed – '12 Laws, Ch. 75

SF 28: Governmental Claims Liability Limits

This legislation would have increased the maximum liability of a governmental entity and public employees under the Wyoming Governmental Claims Act from \$250,000 per claimant and \$500,000 for all claimants per occurrence to \$500,000 per claimant and \$1.5 million for all claimants per occurrence. The bill died on third reading in the Senate on a tie vote.

SF 31: Advanced Conversion Technologies Study

The School of Energy Resources and Advanced Conversion Technologies Task Force would have issued requests for proposals for a mineral to liquid fuel commercial facility to be built in the state. \$10 million would have been appropriated to fund one or more engineering and design studies for the plant. The bill died in the Senate Minerals, Business and Economic Development Committee since the provisions of this legislation, in concept, were incorporated into HB121 which appropriates \$500,000 to the task force studies and \$9 million to the Governor for such a project.

SF 33: Department of Enterprise Technology Services

The Legislature created a new department by consolidating the various functions in state government pertaining to information technology (IT). Personnel and budget will be transferred to the new entity over the next two years. The current statutes that give UW oversight of its IT will remain in place, and the university will be required to participate in development of statewide technology plans and coordination with state agencies. Passed and signed – '12 Laws, Ch. 30

SF 35: Higher Education Reserve Accounts

This bill provides for the retention of investment earnings in the Hathaway Scholarship and Excellence in Higher Education reserve accounts rather than being directed to the General Fund. This will help increase the solvency of both accounts over the long-term. Passed and signed – '12 Laws, Ch. 22

SF 54: Meningococcal Vaccination

Due to concerns over the deadly and contagiousness nature of the meningococcal virus, this legislation would have required all students born after 1994 and attending UW at its Laramie campus to be vaccinated. Students would cover the costs of the shot, which would range between \$25 and \$150. The bill passed the Senate Labor, Health and Social Services Committee, but the Senate did not consider it. The bill failed.

SF 59: Public Employee Retirement Plans Benefit Increases

Due to concerns over the funding strength of the Wyoming State Retirement Plan, the Legislature, rather than the State Retirement Board, will approve all COLAs (cost-of-living – adjustments). The Board may submit a request for cost of living increases to the Legislature for approval, but only if the resulting actuarial funded ratio is above 100%. There is an employee notification requirement for UW and all participating employers, through the Board. Passed – SEA (Senate Enrolled Act) 66

SF 65: Applied Agricultural Research Funding Program

The Legislature appropriated \$250,000 to the Wyoming Department of Agriculture to contract with appropriate educational institutions to conduct research on agricultural topics identified by the Board of Agriculture and applicants. While UW is not specifically mentioned in the final version of the bill, it could qualify for these research grants. Passed and signed – '12 Laws, Ch. 73

SF 68: Time Limits for Veteran and Dependent Tuition and Fees

The bill removed the time limits on when overseas combat veterans and their spouses can enroll with free tuition at UW or a Wyoming community college. Eligibility was also expanded to include all overseas veterans, as well as their spouses and dependents under the age of 22. Passed and signed – '12 Laws, Ch. 92

SF 77: Expenditure of Public Funds and Government Competition

UW was specifically included as a participating state agency for purposes of participating in a Wyoming public finance and expenditure funds website, located at <http://www.wyoming.gov/transparency.html>. This site will also be required to offer a means for members of the public to submit complaints about unfair competition with the private sector. Passed and signed – '12 Laws, Ch. 94

SF 93: Casper Aquifer – Land Acquisition

Using an appropriation of up to \$15 million, the Office of State Lands and Investment, with the advice of the Attorney General, could have purchased a portion of the land lying above the Casper aquifer east of Laramie to protect water quality. The agency could have also used the funds to purchase an interest in the property. The bill failed in the Senate Minerals, Business and Economic Development Committee.

SF 97: Wyoming Retirement Act

Provisions that determine the level of benefits in the State Retirement Plan will change for employees entering it starting September 1, 2012. While it will remain a defined benefit plan, benefits will be restructured (diminished) for the new employees as a means of increasing the fiduciary soundness of the plan. Passed and signed – SEA0041

SF 98: Higher Education - Civic Service Programs

The legislation would have required Hathaway Scholarship recipients to perform twelve hours of civic service each semester to retain their scholarships. UW would have arranged opportunities – on civic service Saturdays - for students to fulfill this requirement. The bill passed the Senate Education Committee, but the Senate did not consider it.

SF 102: State Lands - Management

The State Land Board would have assumed oversight of all purchases, leases and disposal of state-owned land in Wyoming, including those lands owned by UW. Any proceeds from the sale of the land would have been deposited in the general fund. The bill died in the Senate Minerals, Business and Economic Development Committee.

SF 107: Public Works Contracts

This legislation continues a temporary bill adopted last year (2011) relating to procurement requirements for expenditures for capital construction projects, especially those using alternative construction delivery methods. The bill also imposes new bond requirements, expands enforcement and notice requirements for public works contracts, and modifies penalties. Passed – '12 Laws, Ch. 106

AGENDA ITEM TITLE: July Bond Package, Vinzant/Richards

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify:

MINUTES OF THE MEETING:

Vice President for Administration Douglas Vinzant and Director of Governmental and Community Affairs Don Richards briefed the Board on bonding for Half Acre Gym and the Performing Arts Building, noting that information will be presented to the Board in the coming weeks and the Board will be asked to approve the items at the May Trustees meeting.

AGENDA ITEM TITLE: Tuition and Fees, Vinzant

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify:

MINUTES OF THE MEETING:

Vice President for Administration Doug Vinzant provided a powerpoint (below) outlining the proposed tuition and fees increase.

Vice President Vinzant noted that the administration has had discussion with ASUW regarding the proposal.

The Board discussed the various options as presented. There was conversation regarding raising tuition too high for out-of-state students, as well as discussion regarding the perception of the level of tuition being too low and therefore the University not providing quality education. Trustee Davis removed the tuition and fees items from the Consent Agenda to be discussed later.

There was a lengthy discussion by the Board regarding the proposed percentage increases with a consensus from the Board for support of a tuition increase of 2 percent annually for FY 2013 and an additional 2 percent annually for FY 2014 for all *resident* undergraduate and graduate students.

ASUW President Megan Degenfelder commented that the 2% increase and 2% increase is the better option for students and students would appreciate the consistency.

Vice President Vinzant noted that the tuition proposal will generate new revenue which will be allocated to Libraries, Classroom Technology and Instructional Excellence.

Trustees Mead and Davis expressed their concerns that the increase is not high enough and the university should consider larger increases in the future.

Several Trustees commented that they hope to see the administration continue to consider options for addressing the salaries of university faculty and staff.

Vice President Vinzant noted that the discussions regarding tuition and fees have been considered, and he will bring forward a revised proposal for the Board to review and approve during the Business Meeting (modified presentation found at end of these Minutes).



Overview

- General Tuition Program
- Differential Tuition Rates for 4 Professional Programs
- Outreach School 4 Year Transition Plan (Non-residents only)
- Mandatory Fee Proposals
- Non-mandatory Fee Proposals
- UW Fee Book FY 2013- FY 2014 Biennium



Board of Trustees Discussions

- January 2012 BOT meeting
- March 13-14th BOT committees (A&R), (SAAIT), (FLAC)
- March 2012 BOT meeting – approval of Tuition and Fees for 2013-2014 Biennium

ASUW discussions:

- Committees – November 2011 and March 2012
- ASUW Senate– January 2012, March 6, 2012, and March 20, 2012



General Tuition Program State Support and Education Pricing

- UW enjoys one of the highest levels of state appropriation support among public universities nationwide
- Cost of education for UW students is subsidized by taxpayer support, reducing price students pay
- Result: UW tuition and fees are among the lowest in the entire country (resident undergrad, resident grad)



President Buchanan's Recommendation to the Board of Trustees

- **Resident** undergraduate and graduate students – 2 percent increase in FY 2013 and in FY 2014
- **Non-resident** undergraduate and graduate students – 4 percent increase in FY 2013 and 2 percent increase in FY 2014
- **Differential Tuition** for the four professional programs (J.D., Pharm. D., MBA, DNP)
 - **Resident students** - 2 percent increase in FY 2013 and in FY 2014
 - **Non-resident students** – 4 percent in FY 2013 and 2 percent in FY 2014
- **Outreach School Non-resident Four Year Transition Plan**



Resident and Non-Resident Rates (per credit hour) **FY 2013 and FY 2014**

	FY 2013			FY 2014	
	Current Rate	Proposed Rate	\$ Increase	Proposed Rate	\$ Increase
Resident Undergraduate	\$ 104	\$ 106	\$ 2	\$ 108	\$ 2
Resident Graduate	\$ 202	\$ 206	\$ 4	\$ 210	\$ 4
Non-Resident Undergraduate	\$ 395	\$ 411	\$ 16	\$ 419	\$ 8
Non-Resident Graduate	\$ 576	\$ 599	\$ 23	\$ 611	\$ 12



2013-2014 Biennium Tuition Revenue

2013-2014 Biennium Tuition Revenue Increase				
(\$s in millions)				
		Resident	Non-Resident	FY Total
	1%	\$ 0.2	0.3	\$ 0.5
President Buchanan's Recommendation:				
	FY 2013	-- 2% Resident, 4% Non-resident		
	FY 2014	-- 2% Resident, 2% Non-resident		
Annual Revenue from Alternative Tuition Increases				
Alternative %	(\$s in millions)			
	Non-resident			
Increases		2%	4%	6%
Resident	2%	\$ 1.0	\$ 1.6	\$ 2.2
	4%	\$ 1.4	\$ 2.0	\$ 2.6
	6%	\$ 1.8	\$ 2.4	\$ 3.0



2013-2014 Biennium

Program Priorities/Needs Supported with Tuition

- Focused set of academic program priorities
- The tuition proposal will provide new revenue of \$1.6 million in FY 2013 and an additional \$1 million in FY 2014 which will support:
 - improvements in *libraries* (annual recurring support of up to \$0.9 million);
 - *classroom technology* (annual recurring support of up to \$1.3 million); and
 - *instructional excellence* (annual recurring support of at least \$0.4 million).

All initiatives contribute directly to improvements in students' educational experience.



Addressing Needs with Tuition Revenues (\$s in millions)

Three Program Priorities:	FY 2013	FY 2014
Library Resources	\$0.9	\$0.9
Classroom Technology	0.7	1.3
Instructional Excellence	0.0	0.4
Total	\$1.6	\$2.6*

** Cumulative value -- \$1.6M (FY 2013) + \$1.0M (FY 2014) = \$2.6M cumulative annual recurring increase in tuition revenue.*



2011-12 Resident Undergraduate Tuition & Fees Amongst U.S. Public Doctoral Institutions

1 - University of Pittsburgh - Pittsburgh Campus	\$16,132	51 - Georgia Institute of Technology	\$9,662	101 - Oregon State University	\$7,600
2 - Penn State University	\$15,984	52 - University of Akron	\$9,546	102 - University of Nebraska - Lincoln	\$7,562
3 - University of New Hampshire	\$15,250	53 - Indiana University	\$9,524	103 - Oklahoma State University	\$7,493
4 - University of California - Davis	\$15,123	54 - Virginia Commonwealth University	\$9,517	104 - Iowa State University	\$7,496
5 - University of Vermont	\$14,794	55 - Purdue University	\$9,479	105 - SUNY - Buffalo	\$7,462
6 - University of California - Berkeley	\$14,626	56 - University of Georgia	\$9,472	106 - Texas Southern University	\$7,462
7 - Colorado School of Mines	\$14,454	57 - George Mason University	\$9,446	107 - North Dakota State University	\$7,270
8 - University of Illinois at Urbana - Champaign	\$14,414	58 - Georgia State University	\$9,410	108 - SUNY - Binghamton	\$7,216
9 - New Jersey Institute of Technology	\$14,174	59 - Kent State University	\$9,346	109 - University of South Dakota	\$7,209
10 - University of California - Irvine	\$13,970	60 - University of Arizona	\$9,319	110 - University of Arkansas - Fayetteville	\$7,174
11 - University of California - Los Angeles	\$13,910	61 - University of Kansas - Main Campus	\$9,222	111 - University of North Dakota	\$7,062
12 - Temple University	\$13,596	62 - University of Houston	\$9,211	112 - North Carolina State University	\$7,018
13 - University of California - Santa Barbara	\$13,576	63 - University of Colorado - Boulder	\$9,152	113 - Middle Tennessee State University	\$7,018
14 - University of California - Santa Cruz	\$13,417	64 - University of Kentucky	\$9,128	114 - University of North Carolina - Chapel Hill	\$7,009
15 - Miami University - Oxford	\$13,213	65 - University of Hawaii at Manoa	\$9,100	115 - SUNY - Stony Brook	\$6,994
16 - University of California - San Diego	\$13,202	66 - Missouri University of Science & Technology	\$9,084	116 - South Dakota State University	\$6,887
17 - College of William and Mary	\$13,132	67 - University of Missouri - St. Louis	\$9,038	117 - SUNY - Albany	\$6,872
18 - University of Minnesota - Twin Cities	\$13,022	68 - University of Missouri - Kansas City	\$9,029	118 - University of Nevada - Las Vegas	\$6,854
19 - University of Michigan	\$12,893	69 - Cleveland State University	\$9,002	119 - University of Utah	\$6,763
20 - Michigan Technological University	\$12,853	70 - University of Missouri - Columbia	\$8,989	120 - Texas Woman's University	\$6,687
21 - University of Massachusetts Amherst	\$12,797	71 - University of Maryland - Baltimore	\$8,966	121 - San Diego State University	\$6,578
22 - Rutgers State University - New Brunswick	\$12,754	72 - University of Louisville	\$8,930	122 - Montana State University - Bozeman	\$6,428
23 - University of Illinois - Chicago	\$12,666	73 - University of Texas - Arlington	\$8,879	123 - Louisiana State University	\$6,354
24 - University of California - Riverside	\$12,535	74 - Northern Arizona University	\$8,830	124 - Tennessee State University	\$6,346
25 - Case Western Reserve University	\$12,404	75 - University of Oregon	\$8,799	125 - SUNY - College of Environ. Science & Forestry	\$6,339
26 - Rutgers State University - Newark	\$12,294	76 - University of Toledo	\$8,788	126 - University of Nevada - Reno	\$6,306
27 - Illinois State University	\$12,230	77 - Texas Tech University	\$8,765	127 - Texas A&M University - Commerce	\$6,283
28 - Michigan State University	\$12,203	78 - Auburn University	\$8,698	128 - Wichita State University	\$6,190
29 - University of Virginia	\$11,794	79 - University of Wisconsin - Milwaukee	\$8,675	129 - University of Alaska - Fairbanks	\$6,075
30 - University of Massachusetts - Lowell	\$11,497	80 - University of Maryland - College Park	\$8,665	130 - Louisiana Tech University	\$5,955
31 - University of Rhode Island	\$11,366	81 - University of Alabama	\$8,600	131 - University of Idaho	\$5,866
32 - University of Delaware	\$11,192	82 - Ball State University	\$8,568	132 - University of Southern Mississippi	\$5,834
33 - University of Texas - Dallas	\$11,168	83 - Texas A&M University - Main Campus	\$8,421	133 - New Mexico State University	\$5,827
34 - Southern Illinois University - Carbondale	\$11,038	84 - University of Tennessee - Knoxville	\$8,396	134 - Florida State University	\$5,825
35 - Northern Illinois University	\$11,013	85 - Indiana University of Pennsylvania	\$8,362	135 - University of New Mexico	\$5,809
36 - Washington State University	\$10,799	86 - University of North Texas	\$8,349	136 - Mississippi State University	\$5,805
37 - University of Connecticut	\$10,670	87 - University of Oklahoma - Norman	\$8,325	137 - Idaho State University	\$5,796
38 - University of Maine	\$10,588	88 - Indiana University - Purdue Univ Indianapolis	\$8,243	138 - University of Mississippi	\$5,790
39 - University of Washington	\$10,574	89 - Old Dominion University	\$8,144	139 - University of South Florida	\$5,732
40 - Virginia Tech	\$10,509	90 - University of Northern Colorado	\$8,132	140 - University of Montana	\$5,722
41 - University of Cincinnati	\$10,419	91 - University of Alabama in Huntsville	\$8,094	141 - Florida International University	\$5,688
42 - University of South Carolina - Columbia	\$10,168	92 - Wright State University	\$8,070	142 - West Virginia University	\$5,674
43 - Bowling Green State University	\$10,044	93 - Colorado State University	\$8,042	143 - University of Florida	\$5,667
44 - Ohio University	\$9,936	94 - Indiana State University	\$7,982	144 - University of Central Florida	\$5,584
45 - Western Michigan University	\$9,906	95 - University of Colorado - Denver	\$7,834	145 - Utah State University	\$5,563
46 - University of Wisconsin - Madison	\$9,872	96 - University of Iowa	\$7,785	146 - Florida Atlantic University	\$5,330
47 - Wayne State University	\$9,809	97 - Portland State University	\$7,764	147 - University of North Carolina - Greensboro	\$5,275
48 - University of Texas - Austin	\$9,794	98 - University of Alabama at Birmingham	\$7,740	148 - University of New Orleans	\$5,257
49 - Ohio State University	\$9,735	99 - University of Memphis	\$7,696	149 - University of Louisiana at Lafayette	\$4,902
50 - Arizona State University	\$9,720	100 - Kansas State University	\$7,667	150 - UNIVERSITY OF WYOMING	\$4,125

FY 2013
 \$4,278



FY 2013 Annual Res UG Tuition Increases Under Consideration Among Western Public Universities

Institution	Resident Undergraduates		
	2011-2012	\$ Increase	% Increase
University of California (Davis)	\$ 11,220	\$ 1,077	9.6%
University of California (Berkeley)	\$ 11,220	\$ 1,077	9.6%
University of California (Irvine)	\$ 11,220	\$ 1,077	9.6%
University of California (Los Angeles)	\$ 11,220	\$ 1,077	9.6%
University of California (Santa Barbara)	\$ 11,220	\$ 1,077	9.6%
University of California (San Diego)	\$ 11,220	\$ 1,077	9.6%
University of Northern Colorado	\$ 5,300	\$ 795	15.0%
Colorado State University	\$ 6,307	\$ 568	9.0%
University of Colorado - Boulder	\$ 7,672	\$ 514	6.7%
Oregon State University	\$ 6,228	\$ 492	7.9%
University of Nevada - Reno	\$ 5,678	\$ 454	8.0%
University of Utah	\$ 5,850	\$ 409	7.0%
Utah State University	\$ 4,737	\$ 331	7.0%
University of Texas - Austin	\$ 9,794	\$ 255	2.6%
Montana State University*	\$ 5,077	\$ 254	5.0%
University of Iowa*	\$ 6,436	\$ 241	3.8%
University of Missouri-Columbia	\$ 7,848	\$ 234	3.0%
University of Missouri-Kansas City	\$ 7,737	\$ 232	3.0%
University of Missouri-St. Louis	\$ 7,737	\$ 232	3.0%
University of Arizona	\$ 8,364	\$ 226	2.7%
Texas A&M University	\$ 5,297	\$ 209	4.0%
University of Montana*	\$ 4,164	\$ 209	5.0%
Arizona State University	\$ 9,208	\$ -	0.0%
University of Wyoming	\$ 3,120	\$ 60	2.0%

* These rate increases have been approved. All others are **proposed** and not yet final.



FY 2013 Annual Non-res UG Tuition Increases Under Consideration Among Western Public Universities

Institution	<i>Non-Resident Undergraduates</i>		
	2011-12	\$ Increase	% Increase
University of Missouri-St. Louis	\$ 19,905	\$ 1,632	8.2%
Missouri University of Science & Technology	\$ 20,643	\$ 1,548	7.5%
University of Missouri-Columbia	\$ 20,643	\$ 1,548	7.5%
University of Utah	\$ 20,476	\$ 1,433	7.0%
University of Texas - Austin	\$ 32,380	\$ 1,166	3.6%
University of Iowa*	\$ 23,770	\$ 1,129	4.8%
Utah State University	\$ 15,253	\$ 1,068	7.0%
University of Montana*	\$ 18,469	\$ 924	5.0%
Oregon State University	\$ 19,944	\$ 897	4.5%
Montana State University*	\$ 17,714	\$ 886	5.0%
University of Arizona	\$ 25,500	\$ 731	2.9%
Arizona State University	\$ 21,807	\$ 654	3.0%
University of Missouri-Kansas City	\$ 19,905	\$ 597	3.0%
University of Wyoming	\$ 11,850	\$ 480	4.0%

These rate increases have been approved. All others are **proposed and not yet final.*



Professional Program Tuition Rate Proposals

- Proposals presented in two year framework (FY 2013 and FY 2014)
- Proposals included for 4 professional programs:
 - Law (J.D.)
 - Pharmacy (Pharm. D.)
 - Business (MBA)
 - Nursing (DNP) – *NEW*
- Tuition increase proposals for differentials mirror general University tuition program
- Differential increase \$s are returned to Programs



Professional Programs (Base + Differential per credit hour) FY 2013 and FY 2014

		FY 2013			FY 2014	
		Current Rate	Proposed Rate	\$ Increase	Proposed Rate	\$ Increase
J.D.	Resident	\$ 403	\$ 411	\$ 8	\$ 419	\$ 8
Pharm. D.	Resident	\$ 372	\$ 379	\$ 7	\$ 387	\$ 8
MBA	Resident	\$ 519	\$ 529	\$ 10	\$ 540	\$ 11
DNP	Resident	\$ ---	\$ 298	NEW	\$ 304	\$ 6
J.D.	Non-Resident	\$ 814	\$ 847	\$ 33	\$ 864	\$ 17
Pharm. D.	Non-Resident	\$ 747	\$ 777	\$ 30	\$ 793	\$ 16
MBA	Non-Resident	\$ 753	\$ 783	\$ 30	\$ 799	\$ 16
DNP	Non-Resident	\$ ---	\$ 615	NEW	\$ 627	\$ 12



Outreach School Four-Year Transition Plan--2013-2017 (Non-residents only)

- UW recommends revising the existing tuition pricing schedule for programs delivered through the Outreach School
- Make tuition pricing consistent with UW on-campus courses by having same resident and non-resident rate structure
- Transition from current resident-only rate structure to resident/non-resident structure over 4-year period
- Revised tuition pricing would help the Outreach School implement recommendations from study that called for consistent, transparent, and scalable programs and processes

<u>Outreach Non-resident Transition Plan</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>
Undergraduate (per credit hour)	\$104	\$108	\$148
Graduate (per credit hour)	\$202	\$210	\$288



Mandatory Fees

- Mandatory fees are paid by all Laramie campus full-time and part-time students
- Six Mandatory fees support Student Union, Student Services*, Student Health Service, Athletics, Campus Recreation, and Transit

* Student Services fee supports ASUW, Student Media, Recycling, Wellness, AWARE, Music/Theatre, and Service, Leadership & Community Engagement.



Summary of Mandatory Fee Proposals for FY2013 and FY 2014

<u>Mandatory Student Fees¹</u>	2012	FY 2013	FY 2014
Wyoming Union	\$ 274.24	\$ 275.74	\$ 276.74
Student Services	\$ 165.96	\$ 169.58	\$ 170.90
Student Health Service	\$ 207.44	\$ 209.18	\$ 210.46
Intercollegiate Athletics	\$ 155.00	\$ 180.00	\$ 205.00
Campus Recreation Programs ²	\$ 134.66	\$ 185.48	\$ 220.00
Transit Fee	\$ 67.92	\$ 77.90	\$ 81.28
Total Mandatory Student Fees	\$1,005.22	\$1,097.88	\$1,164.38
Total Annual \$ Increase	-	\$ 92.66	\$ 66.50

¹Fees are shown on an annual basis

² Half Acre Gym renovation and expansion--\$27M total project; \$12M from student fees and \$15M from General Fund; requires increase of \$84 per student per year to cover debt service payments for \$12M, \$50 per student per year in FY 2013 and \$34 per student per year in FY 2014.



UW Tuition and Mandatory Fees 2013-2014 Biennium

	<u>FY 2012</u>	FY 2013	FY 2014
Tuition (<i>Resident Undergraduate</i>)	\$3,120.00	\$3,180.00	\$3,240.00
Total Mandatory Student Fees	\$1,005.22	\$1,097.88	\$1,164.38
Total Tuition and Mandatory Fees	\$4,125.22	\$ 4,277.88	\$4,404.38
\$ Increase		\$152.66	\$126.50
% Increase		3.7%	3.0%



Non-Mandatory Fees

- Residence Life and Dining Services
 - Room (FY 2013 ~ 3.6%; FY 2014 ~ 3.2%)
 - Board (FY 2013 ~ 4.3%; FY 2014 ~ 3.5%)
 - Rent (FY 2013 ~ 4.0%; FY 2014 ~ 1.3%)
- Program/course specific fees
- User Fees also include charges for facility usage, technology fees for scanning and cataloging printed material, golf course and day-care fees, and parking and transit fees. The majority of these fees are charged to non-students.
- All other Non-mandatory Fees are listed in the University of Wyoming Fee Book publication



Recommended Board Actions

- Both items are on the Consent Agenda
- Approve the tuition rates for resident and non-resident students (including the non-resident tuition rate transition plan for the Outreach School) and the differential tuition rates for professional programs (p. 8 in the Board Report)
- Approve the Mandatory and Non-Mandatory Fees for FY 2013 and FY 2014 as presented in the Fee Book publication (p.15 in the Board Report)



AGENDA ITEM TITLE: Plus/Minus Grading, Neiman (Faculty Senate & ASUW)

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify:

MINUTES OF THE MEETING:

Faculty Senate Chair Warrie Means presented information in support of changing the university grading system to plus/minus, noting that if such a system were in place it would allow the professors to do their jobs better. He noted that some of the University's best faculty are in support of this proposal.

ASUW President Megan Degenfelder stated that the students have found no strong evidence that changing the grading system will be advantageous to the students. She stated that the best students at the University are not in support of this proposal.

There was discussion by the Board regarding the split support for and against this proposal from the faculty and staff, and if approved, how and when this grading system would be implemented.

Trustee Willson moved to table this item and not add it to the Consent Agenda. The Board supported this recommendation and asked that ASUW and Faculty Senate continue to have conversations regarding the proposal. Faculty Senate Chair Means will prepare a summary of the literature in support of changing the grading system.

AGENDA ITEM TITLE: UW Economic Development and Company Creation, Gern


CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify:

MINUTES OF THE MEETING:

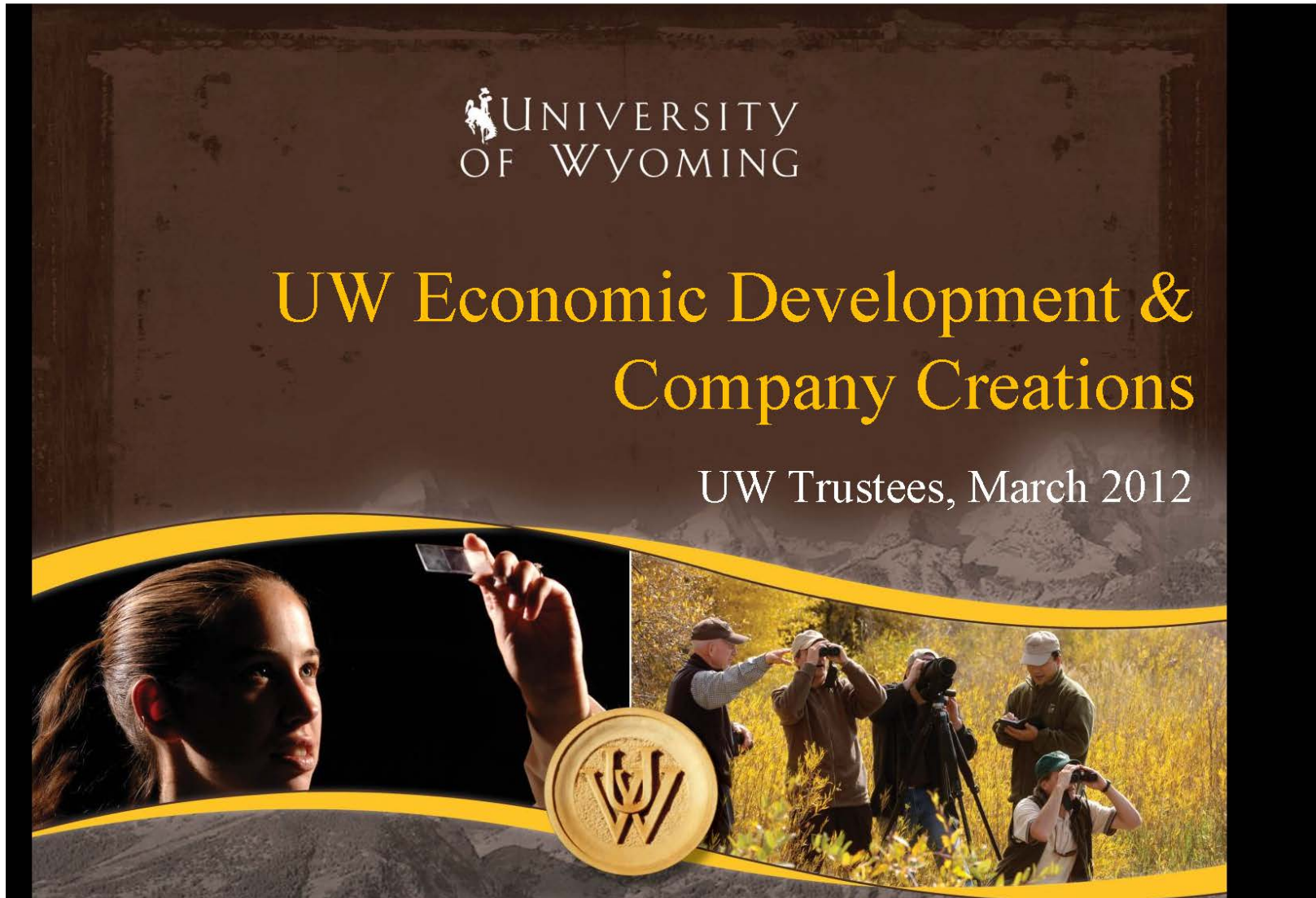
Dr. Jon Benson, Director of University Incubation Services and CEO of the Wyoming Technology Business Center (WTBC) provided a presentation to the Board (below) regarding the economic development at the University and current work being done at the WTBC.

The Board suggested an annual report card be produced by the WTBC and presented to the Board so they are aware of the work being done.

 UNIVERSITY
OF WYOMING

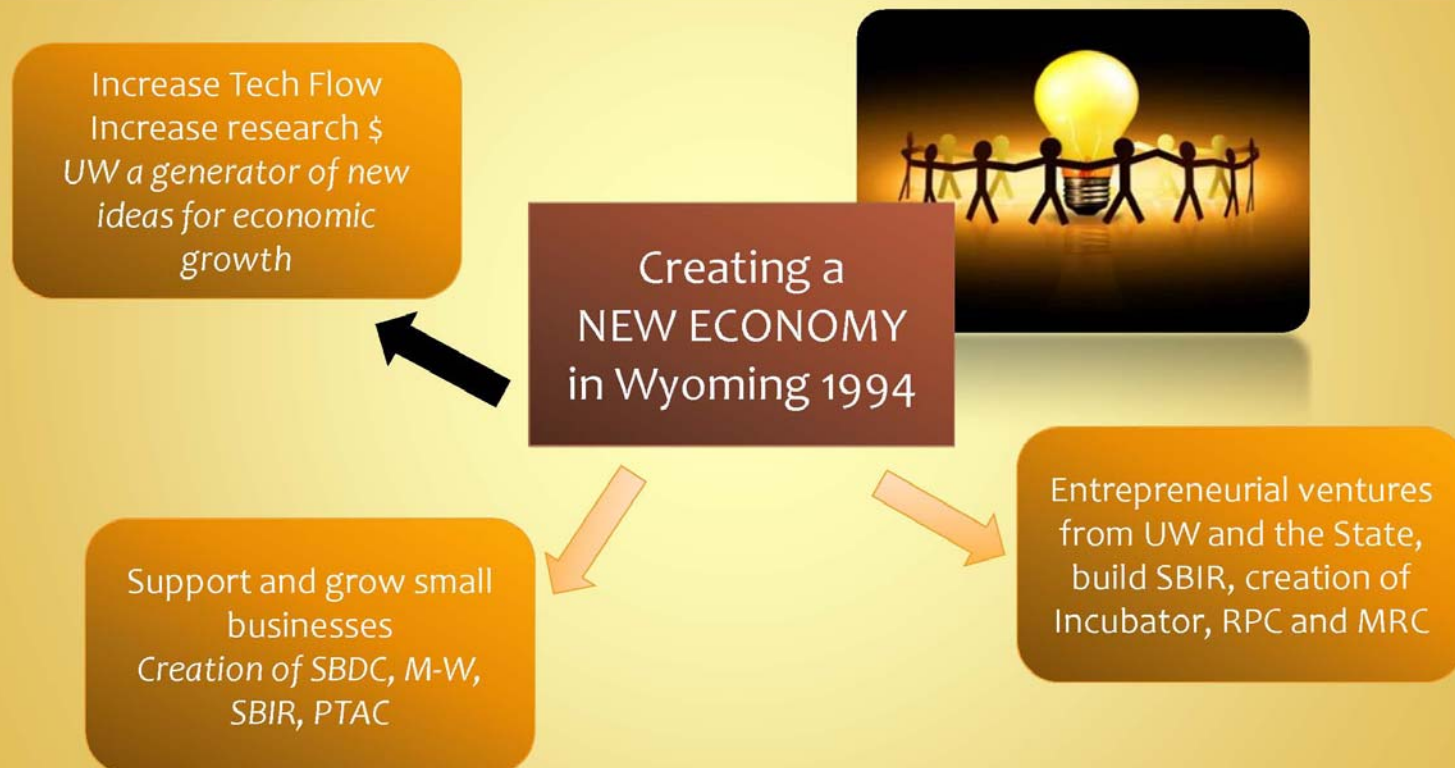
UW Economic Development & Company Creations

UW Trustees, March 2012



The Concept

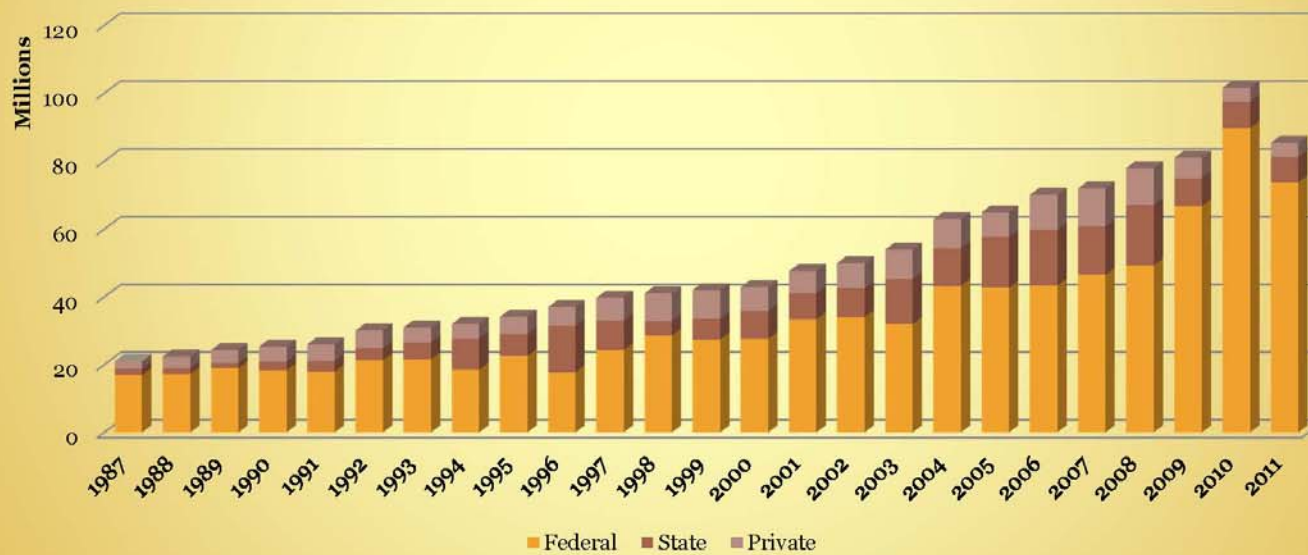
Committing UW to Economic Development



Research Growth

FY 1987 - 2010

Note: Totals listed represent External Sponsored Projects Accounted for through the Research Office



The Concept

Committing UW to Economic Development

Increase Tech Flow
Increase research \$
*UW a generator of new
ideas for economic
growth*

Creating a
NEW ECONOMY
in Wyoming 1994



Support and grow small
businesses
*Creation of SBDC, M-W,
SBIR, PTAC*

Entrepreneurial ventures
from UW and the State,
build SBIR, creation of
Incubator, RPC and MRC

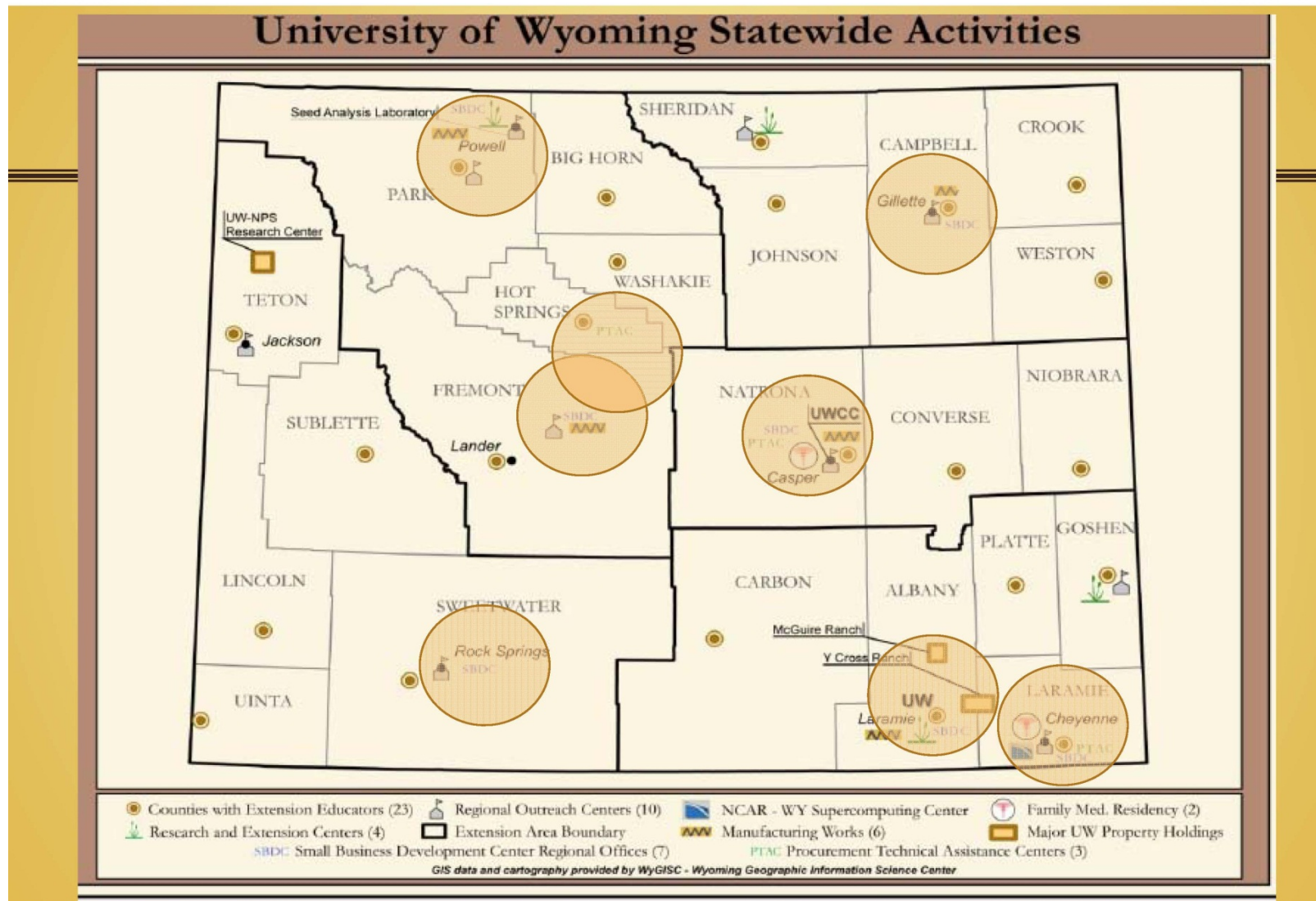
UW-WBC and Economic Development

Economic Development Outreach Programs – Resources at your fingertips

- ❖ Small Business Development Centers 1994
 - PTAC 2000
 - Market Research Center 1999
- ❖ Manufacturing-Works 1995
- ❖ Wyoming SBIR/STTR 1995
- ❖ Research Products Center 1998
- ❖ Wyoming Technology Business Center 2006



Became a partnership when the Wyoming Business Council was formed in 1998





Small Business Development Centers

The SBDC provides both general and specific advising, educational and training services for small business owners and aspiring entrepreneurs:

- business plans
- marketing plans
- financial health checkup
- business valuation
- eCommerce
- succession planning
- international trade
- tourism marketing
- market research
- business ethics
- social media
- software training



FY11*

- **\$ 14,019,428 capital impact**
- **846 jobs created or retained**
- 1670 clients assisted
- 46 training events – 833 attendees, 1,630 training hours

Fifteen years of assisting clients*

- **\$173,749,119 capital impact**
- **7,196 jobs created or retained**
- 35,375 clients have been served

*determined by independent agency audit

Funding
Federal (SBA) \$627,777
State (WBC) \$806,278
UW also provides matching

Procurement Technical Assistance Center (PTAC)

The Wyoming Entrepreneur Procurement Technical Assistance Center's mission is to assist Wyoming firms with identifying and securing federal, state, and local government contracting opportunities.

FY11*

- ❖ 193 total contracts
- ❖ **\$11,776,777 total dollar value of prime contract and subcontract awards received by all small business concerns**
- ❖ 235 jobs created or retained
- ❖ 513 attendees trained on procurement topics

Twelve years assisting clients*

- ❖ **\$119,377,516 total dollar value of prime contract and subcontract awards received by all small business concerns**
- ❖ 2738 jobs created or retained

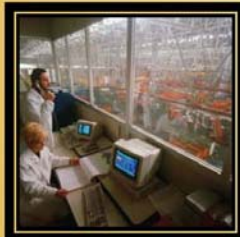
*determined by independent agency audit





Manufacturing-Works

The National Institutes of Standards and Technology is the federal partner offering the Manufacturing Extension Partnership, of which Wyoming's Manufacturing-Works is a member. This program provides a set of specific services to assist manufacturing businesses (as determined by NAICS Code) throughout Wyoming.



FY 11*

- ❖ **\$4,658,800 capital impact**
 - \$4,204,923 decreased costs
 - \$14,046,100 increased sales
- ❖ **1,736 jobs created or retained**
- ❖ 346 clients assisted

Sixteen years of assisting clients*

- ❖ **\$48,876,702 capital impact**
 - \$177,684,230 increased sales
 - \$74,600,768 in decreased costs
- ❖ **1,736 jobs created or retained**

*determined by independent agency audit

Funding
Federal (NIST) \$372,049
State (WBC) \$608,853
UW also provides matching



Wyoming SBIR/STTR Initiative

The Mission of the WSSI is to assist all qualified Wyoming small businesses and individuals in accessing the federal funding opportunities provided by the Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) Programs; ~\$2 billion annually.

When developed in 1995 Wyoming's SBIR/STTR program was unique; now it is highly emulated.

FY 11

- ❖ **Total Federal \$3,400,000**
- ❖ Total awards 12 Phase I and Phase II Awards

14 years of assisting clients

- ❖ **Total Federal \$48,200,000**
- ❖ Total awards 140



Funding*

State \$304,128

*only the federal awards made to Wyoming Small Technology Businesses reported above, there is no federal administrative program available.

The Concept

Committing UW to Economic Development

Increase Tech Flow
Increase research \$
UW a generator of new ideas for economic growth



Creating a
NEW ECONOMY
in Wyoming 1994

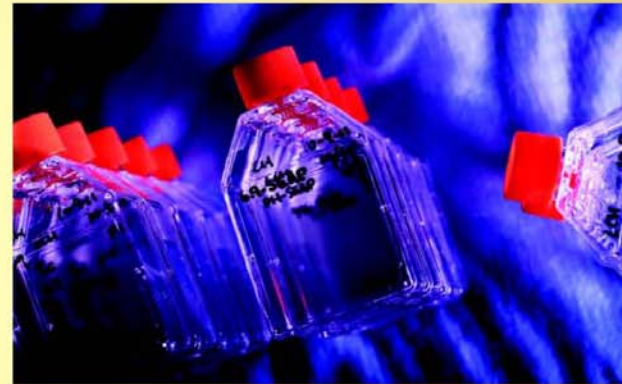
Support and grow small businesses
Creation of SBDC, M-W, SBIR, PTAC

Entrepreneurial ventures from UW and the State,
build SBIR, creation of Incubator, RPC and MRC

Research Products Center

Federal law allows UW to own technology stemming from federal research

- ❖ Works with faculty to identify new discoveries
- ❖ Determine the proper protection strategy
- ❖ Work with patent counsel to prepare, file and examine patent applications
- ❖ Develop marketing and licensing strategies with UW General Counsel
- ❖ Work with inventors statewide on general IP topics

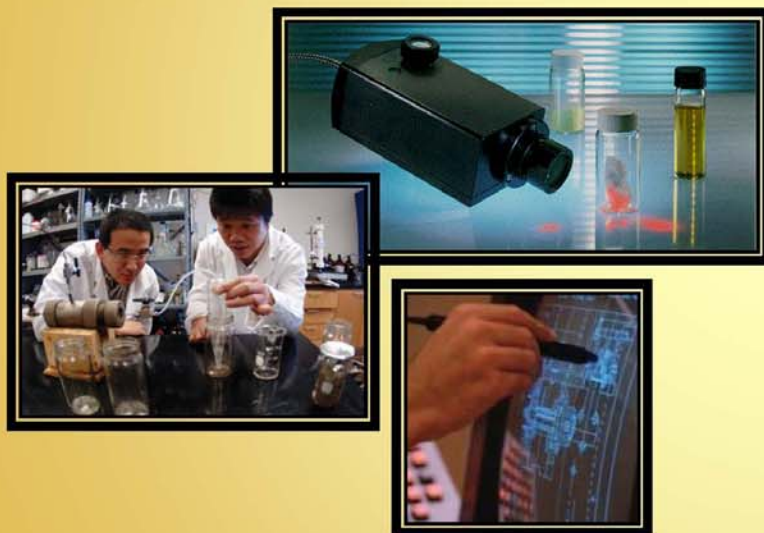


In 1994 Laramie had 8 technology-businesses, now there are more than 60 technology-related businesses.

Technology businesses like to be located near universities

RPC Growth

Since the development of the Research Products Center in 1998-99 the following activities have been reported:



Funding*

State \$98,295

UW provides salary and benefits for the state director,

*no federal program available, this program is unique to Wyoming

FY11

- **7 licenses granted**
- 7 provisional patent applications
- 25 utility patent applications
- 6 patents issued
- 80 UW IP Agreements signed
- 155 Independent Wyoming Inventor IP projects

11 years cumulative activity

- **53 licenses granted**
- 162 provisional patent applications
- 172 UW Utility patent applications
- 597 filed or co-owned patent applications
- 54 UW patents issued
- 596 UW IP Agreements signed
- 585 independent Wyoming inventor IP projects

Davona Douglass, Director, RPC

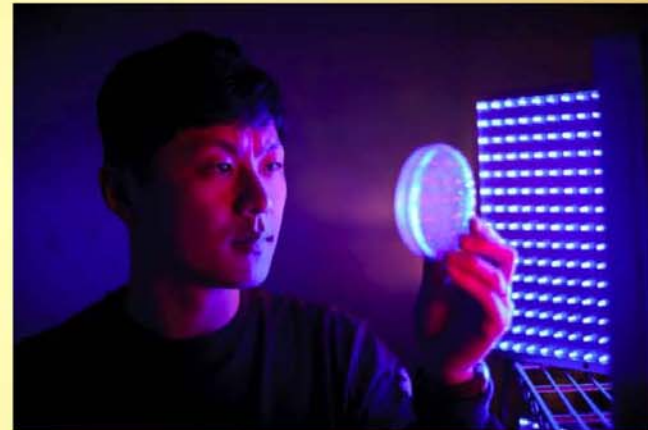
- Cheyenne native
- BS Molecular Biology
- JD – UW College of Law
 - Intellectual property specialist
 - Member of AUTM and the Licensing Executives Society



Bayh-Dole Act 1980

Major provisions of the Act include:

- ❖ Non-profits, including universities, may elect to retain title to innovations developed under federally-funded research programs
- ❖ Universities are encouraged to collaborate with commercial concerns to promote the utilization of inventions arising from federal funding
- ❖ Universities are expected to file patents on inventions they elect to own; thus placing the IP into the public domain
- ❖ Universities are expected to give licensing preference to small businesses
- ❖ Government retains a non-exclusive license to practice the patent throughout the world
- ❖ Government retains march-in rights



UniReg 641 – Patents & Copyrights



- ❖ Aligns UW with Bayh-Dole Act
- ❖ Policies apply to all UW employees and students when using:
 - UW time
 - Research funding
 - University facilities and equipment
- ❖ UW owns IP (works for hire, inventions and some copyrights)
- ❖ Condition of employment
- ❖ Income distribution from Licenses

UniReg 641 continued...

Net Revenue Distribution

- ❖ 60% to inventors
- ❖ 40% retained by UW
 - 20% to RPC*
 - 20% to Department/College

Royalty Realities

- ❖ Funds RPC
 - Partially funds patent and licensing costs
- ❖ Required distributions

*RPC is Section II funded



Major Licensing Terms

- UW retains ownership
- Describes:
 - ❖ Specific field of use
 - ❖ Geographic territory
 - ❖ Exclusive vs. non-exclusive
 - ❖ Considerations
 - Equity
 - Royalty
 - License fees
 - ❖ Patent responsibility
 - ❖ Development milestones
 - ❖ Reserved rights
 - ❖ Maintains UW and state standard terms



AUTM Case Study: Sobering Statistics

Stanford Case Study:

- ❖ 47%-50% of their cases produce less than \$10k
- ❖ 1 in 4,600 is a BIG WINNER
- ❖ 47 cases out of 371 cases in 2001 brought in \$100,000 or more
- ❖ “can not count on royalties for university operating expenses” - Stanford University
- ❖ Required 15 years for Stanford's TT office to “break even”

Patience

- ❖ DNA cloning was invented in 1973 – significant revenues in 1993

University of Wyoming

- ❖ Patent costs range between \$10-\$50k
- ❖ Approximate yearly earned royalties of \$200k
- ❖ UW’s important role is economic development through technology transfer
 - Facilitation of a Wyoming tech sector

Why do we do this?

- ❖ Provide opportunities to our communities – economic development
 - Positive impact on the market place
 - New products
 - Giving back to the public at large

Spin-outs and Start-ups

Spin-out
a company holding UW technology

Recent Spin-outs

- Detection Limit, Inc.
- The Blue Sky Group (owner of WellDog company and Nanomaterials Discovery Corporation);
- SoftRay, Inc.
- DeltaNu, LLC
- Bright Agrotech, LLC
- Firehole Composites, LLC
- GlycoBac, LLC
- Supercritical Fluids, LLC
- EnWyo, LLC



Start-up
a company vested with UW expertise

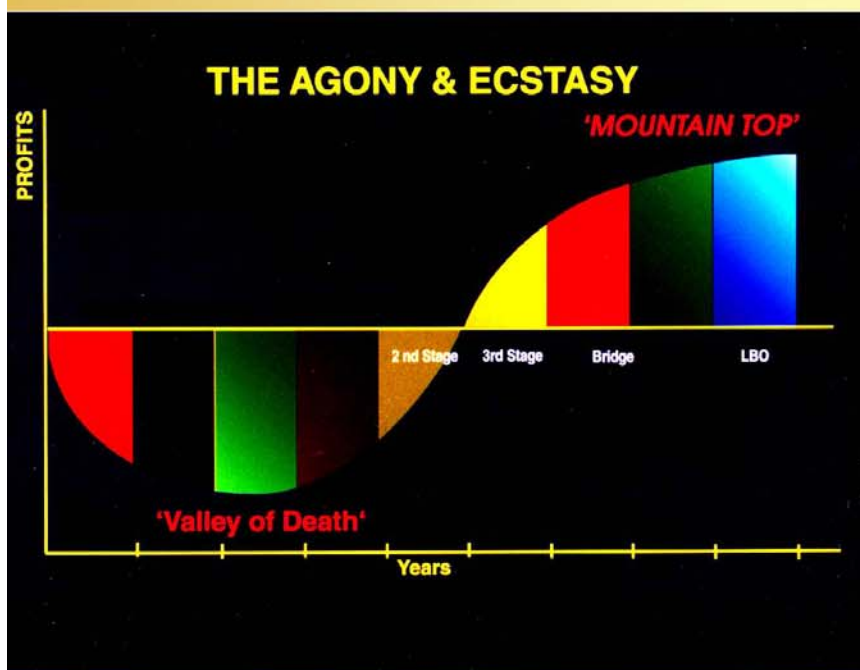
Recent Start-ups and WTBC Graduates

- Analogic Engineering, Inc.
- BridgeTech
- Falcon Technologies
- Happy Jack Software
- IDES
- Medicine Bow Technologies
- Pronghorn Technologies, Inc.
- TigerTree, Inc.
- Z4 Energy Systems, LLC
- Health E-Bridge



FALCON

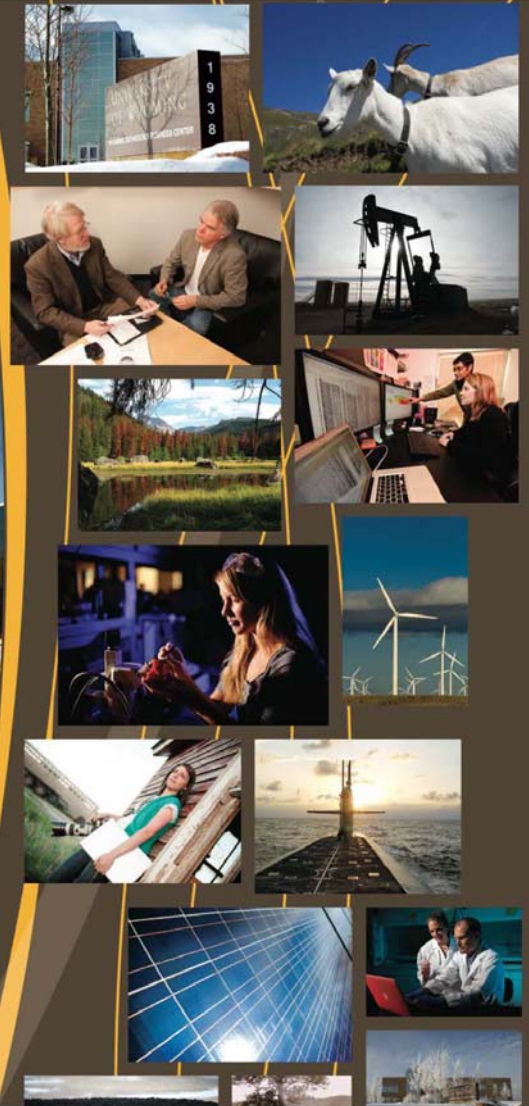
Early Stage Tech Valuation



Year	Event	Percent Success	Annual Research Costs	Discounted Value
1	Discovery		\$300,000	<u>\$138,687</u>
2			\$300,000	\$473,782
3			\$300,000	\$835,684
4	Phase I Testing	50	\$300,000	\$1,226,539
5			\$300,000	\$2,973,325
6			\$300,000	\$3,535,191
7			\$300,000	\$4,142,006
8	Phase II Testing	60	\$300,000	\$4,797,366
9			\$300,000	\$8,959,259
10	Sales		\$300,000	<u>\$10,000,000</u>

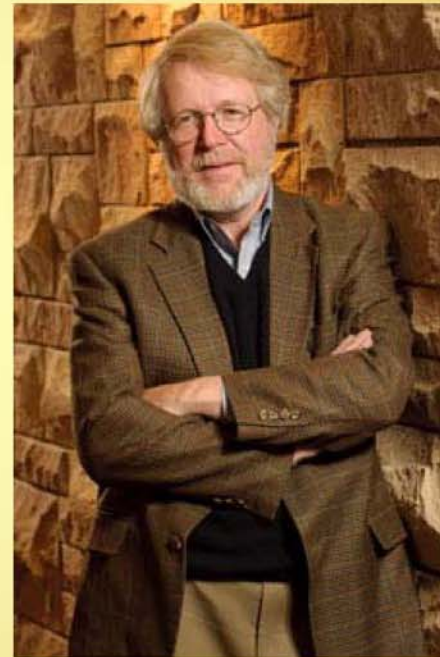


A place that brings ideas into business



Dr. Jon Benson, Director of University Incubation Services and CEO of WTBC

- ❖ CEO of an early stage medical device company
- ❖ Founder and CEO of The Ben Craig Center, Inc (a technology-related business incubator)
- ❖ Program Manager with NSF SBIR
- ❖ BA Miami University
- ❖ MA, Ph.D. Ohio State University



Wyoming Technology Business Center

The WTBC focuses on developing early stage, technology-based companies with an emphasis on high-growth firms.

- ❖ One-on-one business counseling program
- ❖ Executive coaching services
- ❖ Incubator/Outreach (Laramie and Statewide)
- ❖ e2e events - statewide networking opportunities

Business development program, 30,000 sq. ft. facility with

- ❖ Laboratories
- ❖ Office space
- ❖ Shared conference room space for client companies
- ❖ State-of-the-art data center



WTBC Graduates



HAPPYJACK SOFTWARE

"DELIVERING SOFTWARE SUCCESS"

FALCON



WTBC Graduates

-83 employees

-Avg Income: \$65,000/yr.



WTBC Incubator Clients

- OTRATech, LLC
- Bright Agrotech, LLC
- Pronghorn Technologies, LLC
- Analogic Engineering, Inc.
- Z4 Energy Systems, LLC
- Thought Equity Motion, Inc.
- WCTI
- TigerTree, Inc.
- Mt. Baker Bio, LLC
- SoftRay, LLC



Pronghorn Technologies *LLC*

Pure Sensors, Pure Solutions



- Founded in 2008, Pronghorn Technologies, LLC, specializes in water quality control systems.
- In February of 2011, Pronghorn Technologies, LLC, received a \$1.05M NAVSEA Phase II SBIR contract for their Total Residual Oxidant Sensor (TRO). They also received a Phase I SBIR contract for \$70,000 from the U.S. Navy. Previous funding for \$300K was received from the U.S. Department of Defense and NAVSEA in June of 2010.
- Pronghorn Technologies, LLC, is in the final stages of development for their TRO Marine Sensor, which is specifically developed for the automation of water disinfection systems in highly salinity environments.



- University of Wyoming Agronomy PhD student, Nate Storey and University of Wyoming graduate, Paul Bennick, founded Bright Agrotech, LLC in May of 2009.
- Bright Agrotech, LLC has developed several products to encourage people to farm. Their products include the Hanging ZipGrow™ Tower and ZipGrow Matrix Media™ Replacement. These hydroponic production towers are highly productive, modular, and are functional in a variety of plant production settings.
- Bright Agrotech, LLC has designed a product that can be used for commercial greens production as well as landscape design. Their product allows produce to be displayed whole and un-harvested in the marketplace and gives consumers the ultimate experience in freshness, nutrition, and flavor.



**KCWY News 13 - Video Request
"Student Founder"**

**Segments are in the order that
originally aired.**

05:00PM Newscast

03-14-2012

Thank You!



UNIVERSITY OF WYOMING

WTBC Incubator Clients

- OTRATech
 - Bright Agrotech, LLC
 - Pronghorn Technologies, LLC
 - Analogic Engineering, Inc.
 - Z4 Energy Systems, LLC
 - Thought Equity Motion
 - WCTI
 - TigerTree, Inc.
 - Mt. Baker Bio
 - SoftRay
- Graduates
 - Falcon Computers
 - Happy Jack Software
 - Fire Hole Composites
 - Medicine Bow Technologies
 - 65 g

UW Research Enterprise

Last year UW received \$77,995,000 from Federal and industrial sources (non-State of Wyoming)



What's the impact?

- Typically 66% of each grant is salary or \$51,477,000
- That injected into an economy produces another ~ \$105,000,000 in secondary economy
- This makes the UW's Research Enterprise about the 4th largest element in the Wyoming Service Sector economy
- Largest employer of UW undergraduate students

AGENDA ITEM TITLE: Tenure and Promotion Checkup, Ballenger

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify:

MINUTES OF THE MEETING:

Associate Provost Nicole Ballenger presented a powerpoint (below) to the Board regarding the tenure and promotion process and results of a recent statistical analysis of faculty retention and tenure outcomes for the tenure-track faculty hired from 2000 through 2005.



Tenure & Promotion Checkup

March 2012

Matt Andersen

Department of Agricultural & Applied Economics
and

Nicole Ballenger

Office of Academic Affairs



Outline

- What's a T&P Checkup? Why do it?
- How did we do it?
 - Data
 - Methods
- What did we find out?
 - What factors are correlated with tenure outcomes?
 - Are they the factors that we think should matter?
 - Does the review process need a tune up?



What's a T&P Checkup?

And why do it?

- Background
 - Tenure track hires require national or international searches
 - Spousal hires may receive an advertising exception
 - The T&P process is systematic. It's annual, multileveled involving reviews by faculty peers and administrators, and rigorous
 - Most probationary periods are six years
 - Prior experience can count as credit toward tenure



What's a T&P Checkup?

And why do it?

- The T&P process is clear and well-defined by regulation, but does it produce “good” outcomes?
 - Some factors should matter
 - Prior training and experience
 - Accomplishments on the job (teaching, scholarship, service)
 - Feedback during the process
 - Others shouldn't matter (“happenstance of birth”)
 - Gender
 - Age
 - Ethnicity
 - Citizenship



What's a T&P Checkup?

And why do it?

- The checkup uses statistical models to examine the relationships between the should- matter and should-not matter variables and the retention outcome
 - Helps us determine if the system is working as we think it should. Is it equitable and effective?
 - Caveat: A significant number of tenure-track hires leave UW before tenure for reasons other than weak performance.



How did we do it?

- Statistical sampling

Population is UW tenure-track faculty

Six years of sample data, 2000 through 2005

207 tenure-track hires during this period

135 (65 percent) retained

For each hire

- demographic characteristics
- prior experience
- performance indicators
- t&p process feedback
- Outcome (either “received tenure” or “resigned in or prior to tenure year”)



Data Description

	Mean
207 observations	
Retained	65%
Demographic	
Gender (% female)	37%
Age	38.2
Spousal accommodation	19%
US Citizen	81%
Performance	
Previous experience (years)	4.6
Post-doc	26%
Previous academic appt.	33%
Publications (number at hire)	9.1
Grant dollars	\$384,158
Credit at hire	30%
Salary at hire (real 2010 base)	\$64,471
T&P Process	
Met with UT&P Committee	25%
Negative votes	25%
Conflicted case	11%



How did we do it?

– Statistical tests

- Pairwise correlation coefficients: do the outcome variable and the independent variables tend to move together, e.g. as age goes up does tenure become less likely?
- Statistical tests of independence, e.g. are the probabilities of receiving tenure different for women and men?



How did we do it?

- Regression analysis
 - Logistical regression models measure how much each variable (including those we believe should matter and those we believe should not matter) contributes to the probability of retention
 - For example, we found that being hired with a year of credit toward tenure—which is highly correlated with previous academic experience—raises the probability of being tenured by 5%.



What did we find out?

- Credit at hire (a shorter tenure clock) is associated with higher rates of retention suggesting experience can be a predictor of success
- Spousal accommodation (mixed evidence)
 - Primary spouse associated with higher retention (86% retained)
 - Trailing spouse no higher or lower rate of retention
- Publications at hire is weakly associated with higher retention
- Grant dollars is a strong indicator of retention
- Faculty that had negative votes, or had a conflicted case were less likely to be retained



What did we find out?

- Variables that shouldn't matter don't
 - Demographic characteristics (“happenstance of birth”) not significantly related with retention outcome
- Variables that should matter do
 - Some performance characteristics are significantly related with retention outcome
 - T&P process variables are significantly related with retention outcome
- Credit toward tenure at hire and spousal accommodations are retention tools



Question?

- Is a tune up needed right now?
- Should we stop worrying about it?



Friday, March 23, 2012

Business Meeting, scheduled 1:00-2:30 p.m.

Coe Library, Meeting Room 506

Trustee Neiman called the meeting to order at 2:14 p.m.

Roll Call

Secretary for the Board of Trustees Warren Lauer, took roll.

Members present included: Trustees Dave Bostrom, Dick Davis, Warren Lauer, John MacPherson, Jeff Marsh, Brad Mead, Jim Neiman, Dave Palmerlee, Ann Rochelle, James Trospier, and Howard Willson (via conference phone). Ex-officio Trustees UW President Tom Buchanan, State Superintendent for Public Instruction Cindy Hill, and ASUW President Megan Degenfelder were in attendance. Ex-officio Trustee Governor Matt Mead was not in attendance; Mary Kay Hill Education Policy Advisor to the Governor attended on his behalf. Trustee Fear was not in attendance.

Approval of Board of Trustees' Meeting Minutes

January 19-21, 2012

November 17-19, 2011 [The vote was held from January Board Meeting]

Approval of Executive Session Meeting Minutes

January 19-21, 2012

November 17-19, 2011 [The vote was held from January Board Meeting]

Approval of Special Meeting Minutes (Conference Call)

December 13, 2011 [The vote was held from January Board Meeting]

Trustee Mead moved to approve all sets of minutes as presented; Trustee Bostrom seconded the motion which passed unanimously.

Reports

ASUW

ASUW President Megan Degenfelder stated that ASUW has been working on the Half Acre initiative and thanked the administration for its support on this project. ASUW has earmarked funds to purchase a Steamboat statue for Prexy's Pasture to celebrate its 100th anniversary, ASUW recently passed the fee package, are working on the budget and planning for the next year, working with Foundation on the Gateway Center project, and are holding elections soon.

Staff Senate

Staff Senate President Cheri Frank noted that Staff Recognition Day is scheduled for April 18, 2012, and an invitation for the Board to attend this event can be found in the Trustees' folders. At this event, the Staff Senate will present approximately \$15,000 in staff awards, with the event being sponsored by UniWyo Federal Credit Union and Pepsi.

Ms. Frank noted that the Staff Senate has elected a new Staff Senate President, Ben Marks from Residence Life and Dining Services. Ben will begin his term in the coming months.

Faculty Senate

Faculty Senate Chair Warrie Means provided an update on current initiatives of the Faculty Senate including work on the plus/minus grading proposal and USP review. He noted that the new Faculty Senate Chair has been identified and will attend the next Board of Trustees meeting.

Faculty Senate Chair Means thanked the Board for the good discussions regarding faculty and salary concerns.

Trustee Palmerlee inquired if there has been consideration for Faculty Senate Chairs to serve 2 year terms.

Trustee Neiman thanked all three persons, ASUW President, Staff Senate President and Faculty Senate Chair, for their service this past year.

Public Testimony

There was no Public Testimony.

Committee of the Whole- REGULAR BUSINESS

Board of Trustees Committee Reports

A. Academics and Research Committee (Allen) Trustee Palmerlee, Committee Chair
Trustee Palmerlee stated that the Academics and Research subcommittee reviewed the discussion of the plus/minus grading proposal.

B. Fiscal and Legal Affairs Committee (Vinzant) Trustee Davis, Committee Chair
Trustee Davis stated that the FLAC discussed the renewal of the external audit firm, internal audit report, and were briefed on the bond issue by Vice President Vinzant.

C. Student Affairs/Athletics/Administration/Information Technology Committee (Axelson)
Trustee Mead, Committee Chair
Trustee Mead stated that the subcommittee discussed Safe Ride and how it will be transitioning to transit and parking services and received an update regarding Bison Run apartments.

D. Alumni Board
Trustee Lauer, Board Liaison
Trustee Lauer stated that the Alumni Association Director has been in recent conversations with the Foundation Board regarding the proposed Gateway Center and what role the Alumni Association will have in the new facility.

E. Foundation Board
Trustees Davis and Bostrom, Board Liaisons
Trustee Bostrom stated that a number of Trustees and administrators attended the recent Foundation Board meeting in Phoenix, Arizona. Trustee Davis was impressed by the Foundation Board's members and their expertise and support of the University of Wyoming. The Foundation Board has discussed payout rates and the fees charged for management of the assets. The Foundation Board has also discussed the Gateway Center, what it will offer and how it will look, noting that this facility is not a "Foundation building" but rather a university project and point of contact for the Alumni Association, UW career services office, Foundation, etc.

F. Ruckelshaus Institute of Environment and Natural Resources (RIENR) Board
Trustee Davis, Board Liaison
Trustee Davis discussed the Open Spaces publication and the collaboration of efforts with the natural resource conservation and natural wildlife trust fund. He noted that the RIENR Board will be meeting in the coming weeks and are considering adding new board members.

G. Energy Resource Council (ERC)

Trustee Palmerlee, Board Liaison

Trustee Palmerlee noted that the ERC would be meeting in the coming week, so there was nothing to report at this time.

President Buchanan called attention to the personnel section in the Board of Trustees Report, noting Don Richards's title change from Director to Vice President. He then thanked Mr. Richards and Special Assistant to the President Mike Massie for their work during the legislative session, saying that it was a job well done and that he is extremely pleased with the outcome.

Committee of the Whole- Consent Agenda

1. Approval of Contracts and Grants, Gern
2. Personnel, Allen
3. Approval of Revisions to UW Regulations
 - a. Deletion of UW Regulation 7-501, "Career Development Guide for Extension Agents, Agricultural Extension Service", Allen
 - b. List of Proposed Changes to UW Regulations to Accommodate Name Changes in Agriculture and Natural Resources, Allen
 - c. Faculty Senate Bill 323, "A Bill to Revise UW Regulation 5-801, 'Procedures for Dismissal of Faculty Members'", Allen
4. ~~Approval of Tuition, Vinzant~~ (*moved off of the Consent Agenda during conversations in Work Session – Marsh*) Item to be voted on as a separate item.
5. ~~Approval of Fees, Vinzant~~ (*moved off of the Consent Agenda during conversations in Work Session – Marsh*) Item to be voted on as a separate item.
6. Approval of Program Name Change from International Studies to Global and Area Studies, Hansen
7. Approval of Program Name Change for Ph.D. in Education, Hansen
8. Annual Review and Reappointment of the External Audit Firm, Vinzant
9. Approval of Architect/Engineer Services for Literacy Research Center and Clinic (LRCC), Vinzant
10. Approval of Finance Agreement for UW's ESCo Project, Vinzant
11. Approval of Nomination for Award of Merit (*as discussed during Executive Session – Marsh*)

Consideration of Tuition and Fees Proposal

4. ~~Approval of Tuition, Vinzant~~ (*moved off of the Consent Agenda during conversations in Work Session – Marsh*) Item to be voted on as a separate item.

~~5. Approval of Fees, Vinzant~~ (moved off of the Consent Agenda during conversations in Work Session – Marsh) Item to be voted on as a separate item.

Trustee Davis moved to approve the Consent Agenda, items 1-3 and items 6-11; second by Trustee Marsh. Motion passed unanimously.

Trustee Marsh moved to approve item 4- *Approval of Tuition*, and item 5- *Approval of Fees*, as recommended by administration (see revised recommendation attached below):

*A tuition increase of 2 percent annually for FY 2013 and an additional 2 percent annually for FY 2014 is recommended for all **resident** undergraduate and graduate students; it is also recommended that the tuition for **non-resident** undergraduate students and graduate students be increased by 4.5 percent in FY 2013 and an additional 4.5 percent in FY 2014.*

Trustee Lauer seconded the motion. Trustee Davis asked for clarification regarding differential fees, with response from Vice President Vinzant that the differential fees were included. The motion passed with majority vote; Trustee Mead opposed.

Trustee Neiman commented that this topic, tuition and fees, could be reviewed again in the coming year.

New Business

No new business.

Date of Next Meeting

May 2-4, 2012, in Laramie, Wyoming

Adjournment

The meeting adjourned at 2:54 p.m.

Respectfully submitted,



Shannon Sanchez
Deputy Secretary, Board of Trustees

Revised 3-22-12

The University of Wyoming
 Board of Trustees' Report
 March 22-23, 2012

AGENDA ITEM TITLE: **Tuition**, Vinzant

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other Specify:

BACKGROUND AND POLICY CONTEXT OF ISSUE:

The Trustees of the University of Wyoming, a constitutional body, are responsible for the “management of the university” (Wyoming Constitution, Article 7, 17). UW Regulation 8-1 stipulates that “all student fees, charges, refunds and deposits shall be fixed by resolution of the Trustees and shall be published in the appropriate university publications.”

A tuition increase of 2 percent annually for FY 2013 and an additional 2 percent annually for FY 2014 is recommended for all *resident* undergraduate and graduate students; it is also recommended that the tuition for *non-resident* undergraduate students and graduate students be increased by 4.5 percent in FY 2013 and an additional 4.5 percent in FY 2014. The tuition costs per credit hour that result from these recommended increases are:

	\$ per credit hour		
	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>
<u>General Tuition Program</u>			
Undergraduate			
Resident	\$104	\$106	\$108
Non-resident	\$395	\$413	\$432
Graduate			
Resident	\$202	\$206	\$210
Non-resident	\$576	\$602	\$629
<u>Outreach Non-resident Transition Plan</u>			
Undergraduate	\$104	\$109	\$152
Graduate	\$202	\$211	\$294
<u>Tuition Rates for Programs with Differential Rates</u>			
Law			
Resident	\$403	\$411	\$419
Non-resident	\$814	\$851	\$889

Pharmacy

Resident	\$372	\$379	\$387
Non-resident	\$747	\$781	\$816

MBA

Resident	\$519	\$529	\$540
Non-resident	\$753	\$787	\$822

DNP

Resident	\$ --	\$298	\$304
Non-resident	\$ --	\$615	\$643

Proceeds from the general tuition increase will be used to support UW's top non-salary academic program priorities, including university libraries, classroom technology, instructional excellence, and STEM initiatives. These investments will directly enhance the quality of the educational experience for UW students.

The tuition proposal will generate new revenue of \$1.75M/year in FY 2013 and an additional \$1.75M/year in FY 2014 (a total of \$3.5M/year in recurring annual revenue by FY 2014). The new revenue will be allocated as follows:

	<u>FY 2013</u>	<u>FY 2014</u>
Libraries	\$0.9M/year	\$0.9M/year
Classroom Technology	\$0.7M/year	\$1.3M/year
Instructional Excellence	\$0.15M/year	\$1.0M/year
STEM Initiatives	\$ --	\$0.3M/year
Total New Revenue	\$1.75M/year	\$3.5M/year

(Dollar amounts in the table above represent cumulative additions to these budgets from new tuition revenues during the biennium. For example, the total increase to the libraries from new tuition revenues during the biennium will be \$0.9M/year, to fully fund UW's goal to obtain library resources sufficient to secure Greater Western Library Association (GWLA) membership.)

PRIOR RELATED BOARD DISCUSSIONS/ACTIONS:

The Board discussed tuition policy at the January 2012 meeting. Data and analyses have also been provided to the Board at their March 13-14, 2012 committee meetings.

WHY THIS ITEM IS BEFORE THE BOARD:

The Board of Trustees approves the tuition rates for the University of Wyoming.

ARGUMENTS IN SUPPORT:

- The proposed investment of tuition dollars in libraries, classroom technology, and instructional excellence will enhance the quality of the education UW students receive.
- Generous support from general fund appropriations provided by taxpayers of the State of Wyoming substantially underwrites the cost of education for Wyoming resident students.
- Tuition and mandatory fees for resident undergraduates at the UW are the lowest in the country among all public doctoral universities. If the proposed tuition increase is adopted, UW will continue to have the lowest tuition and mandatory fee rates for resident undergraduates nationwide among public doctoral universities.
- The Outreach School's four-year transition plan will bring non-resident tuition rates in line with UW on-campus non-resident rates by FY 2017.
- Tuition differentials for the professional programs leading to the J.D., M.B.A., and Pharm.D. degrees will increase by the same rates as the general undergraduate and graduate rates. The D.N.P. degree program is new in FY 2013, and this tuition proposal simply establishes a new tuition differential rate.
- The differential rate adjustments will provide additional resources directly to the four professional degree programs, enhancing the quality of those programs for the students who pay the tuition differentials.

ARGUMENTS AGAINST:

None

ACTION REQUIRED AT THIS BOARD MEETING:

It is recommended that the Board of Trustees of the University of Wyoming approve the tuition rates for resident and non-resident students (including the non-resident tuition rate transition plan for the Outreach School) and the differential tuition rates for professional programs as presented in this item for Fiscal Year 2013 and Fiscal Year 2014.

PRESIDENT'S RECOMMENDATION:

The President recommends approval of the tuition program as presented in this item.

(Revised powerpoint attached below)



Overview

- General Tuition Program
- Differential Tuition Rates for 4 Professional Programs
- Outreach School 4 Year Transition Plan (Non-residents only)
- Mandatory Fee Proposals
- Non-mandatory Fee Proposals
- UW Fee Book FY 2013- FY 2014 Biennium



Board of Trustees Discussions

- January 2012 BOT meeting
- March 13-14th BOT committees (A&R), (SAAIT), (FLAC)
- March 2012 BOT meeting – approval of Tuition and Fees for 2013-2014 Biennium

ASUW discussions:

- Committees – November 2011 and March 2012
- ASUW Senate– January 2012, March 6, 2012, and March 20, 2012



General Tuition Program State Support and Education Pricing

- UW enjoys one of the highest levels of state appropriation support among public universities nationwide
- Cost of education for UW students is subsidized by taxpayer support, reducing price students pay
- Result: UW tuition and fees are among the lowest in the entire country (resident undergrad, resident grad)



President Buchanan's Recommendation to the Board of Trustees

- **Resident** undergraduate and graduate students – 2 percent increase in FY 2013 and in FY 2014
- **Non-resident** undergraduate and graduate students – 4 percent increase in FY 2013 and 2 percent increase in FY 2014
- **Differential Tuition** for the four professional programs (J.D., Pharm. D., MBA, DNP)
 - **Resident students** - 2 percent increase in FY 2013 and in FY 2014
 - **Non-resident students** – 4 percent in FY 2013 and 2 percent in FY 2014
- **Outreach School Non-resident Four Year Transition Plan**



Option #1: President Buchanan's Proposal
FY 13 (2% R, 4% NR); FY 14 (2% R, 2% NR)
Resident and Non-Resident Rates
(per credit hour)

	FY 2013			FY 2014	
	Current Rate	Proposed Rate	\$ Increase	Proposed Rate	\$ Increase
Resident Undergraduate	\$ 104	\$ 106	\$ 2	\$ 108	\$ 2
Resident Graduate	\$ 202	\$ 206	\$ 4	\$ 210	\$ 4
Non-Resident Undergraduate	\$ 395	\$ 411	\$ 16	\$ 419	\$ 8
Non-Resident Graduate	\$ 576	\$ 599	\$ 23	\$ 611	\$ 12



Option #2: FY 13 (2% R, 4% NR); FY 14 (2% R, 4% NR)
Resident and Non-Resident Rates
(per credit hour)

	FY 2013			FY 2014	
	Current Rate	Proposed Rate	\$ Increase	Proposed Rate	\$ Increase
Resident Undergraduate	\$ 104	\$ 106	\$ 2	\$ 108	\$ 2
Resident Graduate	\$ 202	\$ 206	\$ 4	\$ 210	\$ 4
Non-Resident Undergraduate	\$ 395	\$ 411	\$ 16	\$ 427	\$ 16
Non-Resident Graduate	\$ 576	\$ 599	\$ 23	\$ 623	\$ 24



Option #3: FY 13 (2% R, 4.5% NR); FY 14 (2% R, 4.5% NR)
Resident and Non-Resident Rates
(per credit hour)

	FY 2013			FY 2014	
	Current Rate	Proposed Rate	\$ Increase	Proposed Rate	\$ Increase
Resident Undergraduate	\$ 104	\$ 106	\$ 2	\$ 108	\$ 2
Resident Graduate	\$ 202	\$ 206	\$ 4	\$ 210	\$ 4
Non-Resident Undergraduate	\$ 395	\$ 413	\$ 18	\$ 432	\$ 19
Non-Resident Graduate	\$ 576	\$ 602	\$ 26	\$ 629	\$ 27



2013-2014 Biennium Tuition Revenue

(\$s in millions)				
	Resident	Non-Resident	FY Total	
1%	\$ 0.2	0.3	\$ 0.5	
Option #1: FY 13 (2% R, 4% NR); FY 14 (2% R, 2% NR)				
Option #2: FY 13 (2% R, 4% NR); FY 14 (2% R, 4% NR)				
Option #3: FY 13 (2% R, 4.5% NR); FY 14 (2% R, 4.5% NR)				
Annual Revenue from Alternative Tuition Increases				
Alternative % Increases	(\$s in millions)			
	Non-resident			
	2%	4%	4.5%	
Resident	2%	\$ 1.0	\$ 1.6	\$ 1.75
	4%	\$ 1.4	\$ 2.0	



Addressing Needs with Tuition Revenues
Option #1: President Buchanan's Proposal—FY 13 (2% R,
4% NR); FY 14 (2% R, 2% NR)
 (\$s in millions)

Four Program Priorities:	FY 2013	FY 2014
Library Resources	\$0.9	\$0.9
Classroom Technology	0.7	1.3
Instructional Excellence	0.0	0.4
STEM Initiatives	0.0	0.0
Total	\$1.6	\$2.6*

** Cumulative value -- \$1.6M (FY 2013) + \$1.0M (FY 2014) = \$2.6M cumulative annual recurring increase in tuition revenue.*



Addressing Needs with Tuition Revenues
Option #2: FY 13 (2% R, 4% NR); FY 14 (2% R, 4% NR)
 (\$s in millions)

Four Program Priorities:	FY 2013	FY 2014
Library Resources	\$0.90	\$0.90
Classroom Technology	0.70	1.30
Instructional Excellence	0.00	0.85
STEM Initiatives	0.00	0.15
Total	\$1.60	\$3.20*

** Cumulative value -- \$1.6M (FY 2013) + \$1.6M (FY 2014) = \$3.2M cumulative annual recurring increase in tuition revenue.*



Addressing Needs with Tuition Revenues
Option #3: FY 13 (2% R, 4.5% NR); FY 14 (2% R, 4.5% NR)
 (\$s in millions)

Four Program Priorities:	FY 2013	FY 2014
Library Resources	\$0.90	\$0.90
Classroom Technology	0.70	1.30
Instructional Excellence	0.15	1.00
STEM Initiatives	0.00	0.30
Total	\$1.75	\$3.50*

** Cumulative value -- \$1.75M (FY 2013) + \$1.75M (FY 2014) = \$3.5M cumulative annual recurring increase in tuition revenue.*



2011-12 Resident Undergraduate Tuition & Fees Among all U.S. Public Doctoral Institutions

1 - University of Pittsburgh - Pittsburgh Campus	\$16,132	51 - Georgia Institute of Technology	\$9,662	101 - Oregon State University	\$7,600
2 - Penn State University	\$15,094	52 - University of Akron	\$9,545	102 - University of Nebraska - Lincoln	\$7,562
3 - University of New Hampshire	\$15,250	53 - Indiana University	\$9,524	103 - Oklahoma State University	\$7,463
4 - University of California - Davis	\$15,123	54 - Virginia Commonwealth University	\$9,517	104 - Iowa State University	\$7,466
5 - University of Vermont	\$14,784	55 - Purdue University	\$9,478	105 - SUNY - Buffalo	\$7,482
6 - University of California - Berkeley	\$14,626	56 - University of Georgia	\$9,472	106 - Texas Southern University	\$7,462
7 - Colorado School of Mines	\$14,464	57 - George Mason University	\$9,446	107 - North Dakota State University	\$7,270
8 - University of Illinois at Urbana - Champaign	\$14,414	58 - Georgia State University	\$9,410	108 - SUNY - Binghamton	\$7,216
9 - New Jersey Institute of Technology	\$14,174	59 - Kent State University	\$9,346	109 - University of South Dakota	\$7,209
10 - University of California - Irvine	\$13,970	60 - University of Arizona	\$9,319	110 - University of Arkansas - Fayetteville	\$7,174
11 - University of California - Los Angeles	\$13,910	61 - University of Kansas - Main Campus	\$9,222	111 - University of North Dakota	\$7,092
12 - Temple University	\$13,596	62 - University of Houston	\$9,211	112 - North Carolina State University	\$7,018
13 - University of California - Santa Barbara	\$13,576	63 - University of Colorado - Boulder	\$9,162	113 - Middle Tennessee State University	\$7,018
14 - University of California - Santa Cruz	\$13,417	64 - University of Kentucky	\$9,128	114 - University of North Carolina - Chapel Hill	\$7,009
15 - Miami University - Oxford	\$13,213	65 - University of Hawaii at Manoa	\$9,100	115 - SUNY - Stony Brook	\$6,994
16 - University of California - San Diego	\$13,202	66 - Missouri University of Science & Technology	\$9,084	116 - South Dakota State University	\$6,887
17 - College of William and Mary	\$13,132	67 - University of Missouri - St. Louis	\$9,038	117 - SUNY - Albany	\$6,872
18 - University of Minnesota - Twin Cities	\$13,022	68 - University of Missouri - Kansas City	\$9,029	118 - University of Nevada - Las Vegas	\$6,864
19 - University of Michigan	\$12,983	69 - Cleveland State University	\$9,002	119 - University of Utah	\$6,763
20 - Michigan Technological University	\$12,953	70 - University of Missouri - Columbia	\$8,989	120 - Texas Woman's University	\$6,587
21 - University of Massachusetts Amherst	\$12,797	71 - University of Maryland - Baltimore	\$8,966	121 - San Diego State University	\$6,578
22 - Rutgers State University - New Brunswick	\$12,754	72 - University of Louisville	\$8,930	122 - Montana State University - Bozeman	\$6,428
23 - University of Illinois - Chicago	\$12,666	73 - University of Texas - Arlington	\$8,878	123 - Louisiana State University	\$6,354
24 - University of California - Riverside	\$12,636	74 - Northern Arizona University	\$8,830	124 - Tennessee State University	\$6,346
25 - Clemson University	\$12,404	75 - University of Oregon	\$8,789	125 - SUNY - College of Environ. Science & Forestry	\$6,339
26 - Rutgers State University - Newark	\$12,294	76 - University of Toledo	\$8,788	126 - University of Nevada - Reno	\$6,306
27 - Illinois State University	\$12,230	77 - Texas Tech University	\$8,765	127 - Texas A&M University - Commerce	\$6,283
28 - Michigan State University	\$12,203	78 - Auburn University	\$8,698	128 - Wichita State University	\$6,190
29 - University of Virginia	\$11,794	79 - University of Wisconsin - Milwaukee	\$8,675	129 - University of Alaska - Fairbanks	\$6,075
30 - University of Massachusetts - Lowell	\$11,497	80 - University of Maryland - College Park	\$8,665	130 - Louisiana Tech University	\$5,965
31 - University of Rhode Island	\$11,366	81 - University of Alabama	\$8,600	131 - University of Idaho	\$5,866
32 - University of Delaware	\$11,162	82 - Ball State University	\$8,568	132 - University of Southern Mississippi	\$5,834
33 - University of Texas - Dallas	\$11,168	83 - Texas A&M University - Main Campus	\$8,421	133 - New Mexico State University	\$5,827
34 - Southern Illinois University - Carbondale	\$11,038	84 - University of Tennessee - Knoxville	\$8,396	134 - Florida State University	\$5,825
35 - Northern Illinois University	\$11,013	85 - Indiana University of Pennsylvania	\$8,362	135 - University of New Mexico	\$5,809
36 - Washington State University	\$10,799	86 - University of North Texas	\$8,349	136 - Mississippi State University	\$5,805
37 - University of Connecticut	\$10,670	87 - University of Oklahoma - Norman	\$8,325	137 - Idaho State University	\$5,796
38 - University of Maine	\$10,668	88 - Indiana University - Purdue Univ. Indianapolis	\$8,243	138 - University of Mississippi	\$5,790
39 - University of Washington	\$10,574	89 - Old Dominion University	\$8,144	139 - University of South Florida	\$5,732
40 - Virginia Tech	\$10,509	90 - University of Northern Colorado	\$8,132	140 - University of Montana	\$5,722
41 - University of Cincinnati	\$10,419	91 - University of Alabama in Huntsville	\$8,094	141 - Florida International University	\$5,688
42 - University of South Carolina - Columbia	\$10,168	92 - Wright State University	\$8,070	142 - West Virginia University	\$5,674
43 - Bowling Green State University	\$10,044	93 - Colorado State University	\$8,042	143 - University of Florida	\$5,667
44 - Ohio University	\$9,936	94 - Indiana State University	\$7,982	144 - University of Central Florida	\$5,594
45 - Western Michigan University	\$9,906	95 - University of Colorado - Denver	\$7,834	145 - Utah State University	\$5,563
46 - University of Wisconsin - Madison	\$9,872	96 - University of Iowa	\$7,765	146 - Florida Atlantic University	\$5,330
47 - Wayne State University	\$9,809	97 - Portland State University	\$7,764	147 - University of North Carolina - Greensboro	\$5,275
48 - University of Texas - Austin	\$9,794	98 - University of Alabama at Birmingham	\$7,740	148 - University of New Orleans	\$5,257
49 - Ohio State University	\$9,735	99 - University of Memphis	\$7,686	149 - University of Louisiana at Lafayette	\$4,902
50 - Arizona State University	\$9,720	100 - Kansas State University	\$7,667	150 - UNIVERSITY OF WYOMING	\$4,125

FY 2013
\$4,278



FY 2013 Annual Res UG Tuition Increases Under Consideration Among Western Public Universities

Institution	Resident Undergraduates		
	2011-2012	\$ Increase	% Increase
University of California (Davis)	\$ 11,220	\$ 1,077	9.6%
University of California (Berkeley)	\$ 11,220	\$ 1,077	9.6%
University of California (Irvine)	\$ 11,220	\$ 1,077	9.6%
University of California (Los Angeles)	\$ 11,220	\$ 1,077	9.6%
University of California (Santa Barbara)	\$ 11,220	\$ 1,077	9.6%
University of California (San Diego)	\$ 11,220	\$ 1,077	9.6%
University of Northern Colorado	\$ 5,300	\$ 795	15.0%
Colorado State University	\$ 6,307	\$ 568	9.0%
University of Colorado - Boulder	\$ 7,672	\$ 514	6.7%
Oregon State University	\$ 6,228	\$ 492	7.9%
University of Nevada - Reno	\$ 5,678	\$ 454	8.0%
University of Utah	\$ 5,850	\$ 409	7.0%
Utah State University	\$ 4,737	\$ 331	7.0%
University of Texas - Austin	\$ 9,794	\$ 255	2.6%
Montana State University*	\$ 5,077	\$ 254	5.0%
University of Iowa*	\$ 6,436	\$ 241	3.8%
University of Missouri-Columbia	\$ 7,848	\$ 234	3.0%
University of Missouri-Kansas City	\$ 7,737	\$ 232	3.0%
University of Missouri-St. Louis	\$ 7,737	\$ 232	3.0%
University of Arizona	\$ 8,364	\$ 226	2.7%
Texas A&M University	\$ 5,297	\$ 209	4.0%
University of Montana*	\$ 4,164	\$ 209	5.0%
Arizona State University	\$ 9,208	\$ -	0.0%
University of Wyoming	\$ 3,120	\$ 60	2.0%

* These rate increases have been approved. All others are **proposed** and not yet final.



FY 2013 Annual Non-res UG Tuition Increases Under Consideration Among Western Public Universities

Institution	Non-Resident Undergraduates		
	2011-12	\$ Increase	% Increase
University of Missouri-St. Louis	\$ 19,905	\$ 1,632	8.2%
Missouri University of Science & Technology	\$ 20,643	\$ 1,548	7.5%
University of Missouri-Columbia	\$ 20,643	\$ 1,548	7.5%
University of Utah	\$ 20,476	\$ 1,433	7.0%
University of Texas - Austin	\$ 32,380	\$ 1,166	3.6%
University of Iowa*	\$ 23,770	\$ 1,129	4.8%
Utah State University	\$ 15,253	\$ 1,068	7.0%
University of Montana*	\$ 18,469	\$ 924	5.0%
Oregon State University	\$ 19,944	\$ 897	4.5%
Montana State University*	\$ 17,714	\$ 886	5.0%
University of Arizona	\$ 25,500	\$ 731	2.9%
Arizona State University	\$ 21,807	\$ 654	3.0%
University of Missouri-Kansas City	\$ 19,905	\$ 597	3.0%
University of Wyoming (Option # 3)	\$ 11,850	\$ 540	4.5%
University of Wyoming (Option # 2)	\$ 11,850	\$ 480	4.0%
University of Wyoming (Option # 1)	\$ 11,850	\$ 480	4.0%

*These rate increases have been approved. All others are proposed and not yet final.



Professional Program Tuition Rate Proposals

- Proposals presented in two year framework (FY 2013 and FY 2014)
- Proposals included for 4 professional programs:
 - Law (J.D.)
 - Pharmacy (Pharm. D.)
 - Business (MBA)
 - Nursing (DNP) – *NEW*
- Tuition increase proposals for differentials mirror general University tuition program
- Differential increase \$s are returned to Programs



Professional Programs (Base + Differential per credit hour) FY 2013 and FY 2014

		FY 2013			FY 2014	
		Current Rate	Proposed Rate	\$ Increase	Proposed Rate	\$ Increase
J.D.	Resident	\$ 403	\$ 411	\$ 8	\$ 419	\$ 8
Pharm. D.	Resident	\$ 372	\$ 379	\$ 7	\$ 387	\$ 8
MBA	Resident	\$ 519	\$ 529	\$ 10	\$ 540	\$ 11
DNP	Resident	\$ ---	\$ 298	NEW	\$ 304	\$ 6
J.D.	Non-Resident	\$ 814	\$ 847	\$ 33	\$ 864	\$ 17
Pharm. D.	Non-Resident	\$ 747	\$ 777	\$ 30	\$ 793	\$ 16
MBA	Non-Resident	\$ 753	\$ 783	\$ 30	\$ 799	\$ 16
DNP	Non-Resident	\$ ---	\$ 615	NEW	\$ 627	\$ 12



Outreach School Four-Year Transition Plan--2013-2017 (Non-residents only)

- UW recommends revising the existing tuition pricing schedule for programs delivered through the Outreach School
- Make tuition pricing consistent with UW on-campus courses by having same resident and non-resident rate structure
- Transition from current resident-only rate structure to resident/non-resident structure over 4-year period
- Revised tuition pricing would help the Outreach School implement recommendations from study that called for consistent, transparent, and scalable programs and processes

<u>Outreach <i>Non-resident</i> Transition Plan</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>
Undergraduate (per credit hour)	\$104	\$108	\$148
Graduate (per credit hour)	\$202	\$210	\$288



Mandatory Fees

- Mandatory fees are paid by all Laramie campus full-time and part-time students
- Six Mandatory fees support Student Union, Student Services*, Student Health Service, Athletics, Campus Recreation, and Transit

* Student Services fee supports ASUW, Student Media, Recycling, Wellness, AWARE, Music/Theatre, and Service, Leadership & Community Engagement.



Summary of Mandatory Fee Proposals for FY2013 and FY 2014

<u>Mandatory Student Fees¹</u>	2012	FY 2013	FY 2014
Wyoming Union	\$ 274.24	\$ 275.74	\$ 276.74
Student Services	\$ 165.96	\$ 169.58	\$ 170.90
Student Health Service	\$ 207.44	\$ 209.18	\$ 210.46
Intercollegiate Athletics	\$ 155.00	\$ 180.00	\$ 205.00
Campus Recreation Programs ²	\$ 134.66	\$ 185.48	\$ 220.00
Transit Fee	\$ 67.92	\$ 77.90	\$ 81.28
Total Mandatory Student Fees	\$1,005.22	\$1,097.88	\$1,164.38
Total Annual \$ Increase	-	\$ 92.66	\$ 66.50

¹Fees are shown on an annual basis

²Half Acre Gym renovation and expansion--\$27M total project; \$12M from student fees and \$15M from General Fund; requires increase of \$84 per student per year to cover debt service payments for \$12M, \$50 per student per year in FY 2013 and \$34 per student per year in FY 2014.



UW Tuition and Mandatory Fees 2013-2014 Biennium

	<u>FY 2012</u>	FY 2013	FY 2014
Tuition (<i>Resident Undergraduate</i>)	\$3,120.00	\$3,180.00	\$3,240.00
Total Mandatory Student Fees	\$1,005.22	\$1,097.88	\$1,164.38
Total Tuition and Mandatory Fees	\$4,125.22	\$ 4,277.88	\$4,404.38
\$ Increase		\$152.66	\$126.50
% Increase		3.7%	3.0%



Non-Mandatory Fees

- Residence Life and Dining Services
 - Room (FY 2013 ~ 3.6%; FY 2014 ~ 3.2%)
 - Board (FY 2013 ~ 4.3%; FY 2014 ~ 3.5%)
 - Rent (FY 2013 ~ 4.0%; FY 2014 ~ 1.3%)
- Program/course specific fees
- User Fees also include charges for facility usage, technology fees for scanning and cataloging printed material, golf course and day-care fees, and parking and transit fees. The majority of these fees are charged to non-students.
- All other Non-mandatory Fees are listed in the University of Wyoming Fee Book publication



Recommended Board Actions

- Both items are on the Consent Agenda
- Approve the tuition rates for resident and non-resident students (including the non-resident tuition rate transition plan for the Outreach School) and the differential tuition rates for professional programs (p. 8 in the Board Report)
- Approve the Mandatory and Non-Mandatory Fees for FY 2013 and FY 2014 as presented in the Fee Book publication (p.15 in the Board Report)

