TRUSTEES PRESENT
Julie Barrett
Jack Bender
H. David Burton (Chair)
Phillip W. Clinger (Vice Chair)
Christian Gardner
Lisa Eccles
Cristina Ortega
Jim Sorenson
Steve Price

UNIVERSITY REPRESENTATIVES PRESENT
Cathy Anderson  Associate Vice President Budget and Planning
Brenda Bowen  Associate Professor, Geology & Geophysics
Dale Brophy  Chief of Police
Arnold B. Combe  Vice President, Administrative Services
Fred C. Esplin  Vice President, Institutional Advancement
Jeffrey Graviet  Director, Emergency Management
Jeff Herring  Chief Human Resources Officer
Steve Hess  Chief Information Officer
Chris Hill  Special Assistant to the President and Athletic Director
Xan Johnson  Academic Senate President
Ryan Looper  Associate Professor, Chemistry
Jan Lovett  President, University Staff Council
Dan Lundergan  Executive Director, University Hospital Administration
Laura Marks  Liaison to the Board of Trustees
John Nixon  Chief Administrative Officer
Maria O'Mara  Director, Communications
Ken Nye  Interim Associate Vice President, Administrative Service - Facilities
Jason Perry  Vice President, Government Relations
David W. Pershing  President
Patricia A. Ross  Chief Strategy Officer and Secretary to the University
Barbara H. Snyder  Vice President, Student Affairs
William J. Warren  Chief Marketing and Communications Officer
Ruth V. Watkins  Senior Vice President, Academic Affairs
Jeffrey J. West  Associate Vice President, Financial * Business Services
Andy Weyrich  Vice President, Research
Karen West  Executive Assistant, Board of Trustees
Henry White  Dean, College of Science
Liz Winter  Chief General Counsel

OTHERS
Dan Campbell  Chair, Board of Regents
Tom Parks  Former, Vice President for Research
Mary Jane Price  Friend of the University
Taft Price  Former Board of Trustee Member
CALL TO ORDER

Information: 1.01 - Call to Order

The meeting of the Board of Trustees was called to order at 9:27 AM in the Thomas S. Monson Center, Ivory Ballroom. Chair H. David Burton welcomed Trustees, Dan Campbell and others in attendance. Burton excused Senior Vice President Vivian Lee who was unable to attend.

CHAIR'S REPORT

Action 2.01 – Current Events and Announcements

Chair Burton thanked the Trustees who were able to attend the USHE Legislative Preview luncheon on Monday, December 12th. Part of the lunch discussion focused on the top 10 reasons to fund the School of Medicine project. Burton noted that a copy of the take away card was in the Trustees packets.

A copy of the card is included as Appendix I with the official minutes of this meeting and is on file in the office of the Secretary to the University.

Action: 2.02 – Resolution of Appreciation

Chair Burton recognized Taft Price, member of the Board of Trustees, for his service to the University. Trustee Phil Clinger read the resolution of appreciation, noting the accomplishments during his tenure. President Pershing and Trustee Lisa Eccles commented on what a privilege it has been to work with Taft Price these past years and commended him on his great work.

A copy of the resolution is included as Appendix II with the official minutes of this meeting and is on file in the office of the Secretary to the University.

Motion to approve item 2.02 by Lisa Eccles, second by Phil Clinger. Final Resolution: Motion Approved. Aye: Julie Barrett, Jack Bender, David Burton, Philip W. Clinger, Lisa Eccles, Christian Gardner, Michele Mattsson, Cristina Ortega, Steve Price and Jim Sorenson

PRESIDENT'S REPORT

Action: 3.01 – Current Events

President Pershing noted it's a busy time of the year and our students are putting in long hours studying for finals that take place this week.

The President also noted the following upcoming events:

January 20th – University of Utah hosting the Board of Regents
January 24th – Groundbreaking of the Executive Business Education Building
Information: 3.02 – Field Station Books

Brenda Bowen, professor of Geology & Geophysics and Director of the University of Utah's interdisciplinary Global Change and Sustainability Center, introduced the book presented to all Trustees, “Embedded in Nature: The University of Utah Field Stations.”

This book was compiled and written thanks to the leadership and vision of Jim Ehleringer, Distinguished Professor of Biology, this year’s Rosenblatt winner, and recently elected member of the National Academy of Science; Tom Parks, University of Utah Vice President for Research from 2008-2016, Sylvia Torti, Dean of the Honors College, Brenda Bowen and Shaun Daniel, a graduate of the Environmental Humanities program.

The six University of Utah field stations presented in this beautiful book provide learning centers where faculty from all different disciplines come to explore, experience, inspire, collaborate, and create. Each station provides a unique learning environment, where strengths from arts and communication intersect with the sciences of ecology, geology, archeology, hydrology, and astronomy- these places creating one of the most powerful learning environments the University can provide to our students.

The pages of the book contain detailed descriptions and beautiful photographs depicting the field station resources, classes that use the facilities, and first person accounts from faculty and students pursuing research across the disciplines. The book reveals the types of transformative experiences that are not possible within the four walls of a classroom, but are possible at the Bonderman Field Station at Rio Mesa, Range Creek, Taft-Nicholson Center for Environmental Humanities Education, the Telescope Array in Delta, Red Butte Canyon Research Natural Area, and the University of Utah campus itself.

UNIVERSITY FOCUS

Report: 4.01 – Life’s Central Dogma and Cures for Infectious Disease

Dean Henry White introduced Ryan Looper, Associate Professor of Chemistry who presented on life’s central dogma and cures for infectious disease.

Central to life is the transcription of information (stored in DNA) to a message (RNA) that is translated by the ribosome into a functional machine (a protein). All of life uses this pathway, however evolution has changed the way in which organisms use it. Viruses, the simplest organisms, cannot translate the message into function and they rely on highjacking higher evolved cells (e.g. humans). Bacteria can do the whole thing but eukaryotes can do the whole thing better, understanding, at the most fundamental level, how these different classes of organisms, use the information superhighway allows us to intercede and potentially develop therapeutics that can stop other harmful organisms from highjacking human pathways.

The development of new antibiotics has been dwindling at a time when we need them most. In the 1980’s about 20 antibiotics were being developed every couple of years. The pace of discovering new antibiotics has slowed. In the last 6-8 years only four new antibiotics have been approved by the FDA. Bacteria is becoming more resistant to antibiotics and is outpacing the development of new antibiotics.

Natural products are the best source of new antibiotics but there are still only 12 classes of antibiotics. In 1943 Penicillin was discovered and about 20 years later bacteria began to be resistant to Penicillin. Now in
2010, Ceftaroline was discovered and one year later this bacteria began to be resistant to Ceftaroline. The time between introduction and resistance is shortening. This largely reflects that scientists are not discovering new classes of antibiotics, but using derivatives of the old classes.

Four of these classes of antibiotics work by inhibiting the translation of the message (RNA) in function (protein) by inhibiting the ribosome (the machine that translates the message.). This tells us that this mechanism of action is a vetted target for therapeutic intervention. The big challenge is that humans have ribosomes too and selectivity is the key to killing bacteria ribosome not human ribosome.

Here at the University of Utah, researchers are working to develop a new class of antibiotics. Researchers on campus have a strategy to discover new molecules that attack infectious diseases. As important as it is to discover new antibiotics, it is also needful to remember education and stewardship. The college would like to establish a center for infectious disease and antibiotic resistant research.

Scientists have made great discoveries but how do they impact society? Much like the central dogma we have to start with information or academic discoveries and we have to catalyze that transformation into a functional product that helps society. The catalyst for medicinal chemists here at the University is to show that these new academic discoveries have clinical and industrial potential. When we look at drug discovery, this is a very expensive process. To take a drug from discovery to FDA approval costs approximately $1.4B. Here at the University of Utah we do not have the funds to take a drug from discovery to FDA approval but we do have everything at the university to convince someone that an idea is good enough to make that investment to help people. Part of what Looper’s group has done to help that is to take our academic discoveries we have developed to a synthetic medicinal chemistry core facilities which serves all of campus. This allows us to take the change molecules we find and put together the data needed to attract business to translate these initial discoveries towards the clinic.

A copy of the report is included as Appendix III with the official minutes of this meeting and is on file in the office of the Secretary to the University.

SENIOR VICE PRESIDENTS’ REPORTS

Report: 5.01 – Academic Affairs Report

Senior Vice President Ruth Watkins mentioned this is a busy stressful time for our students as they take their finals. It’s also a good time for the University to reflect on how we are doing on the key performances indicators (KPIs) as an institution.

- Seeing success in external funding in the research world
- Student Success
  - Freshman class largest and most academically prepared
  - Largest number of student from under represented backgrounds
  - Continue to make good progress with retention, progression and completion

We want to be the University that really matters to our local community, region, nation and the world. This is exemplified in the impact we are having in education and innovation and discovery in real-world everyday relationships with our local communities and beyond.
ACADEMIC SENATE REPORT

Report: 6.01 – Academic Senate Report

Xan Johnson highlighted the Master of Arts in Teaching a new online degree that will be approved under the general consent calendar. The Arts Teaching Program - Online MAT Fine Arts degree will be available summer 2018. The MAT Fine Arts will be a professional, hybrid/online degree that will allow working Utahans the opportunity to obtain a master’s degree in two years without having to relocate or leave their profession. The MAT will offer an arts-centered pedagogical approach to teaching and learning via hybrid (on-line campus/on-line) summer intensive and online instruction that will be designed to respond to the identified needs/demands of local and national communities.

GENERAL CONSENT

Action (Consent): 7.01 – Minutes of the November 8 Meetings of the Board of Trustees

Action (Consent): 7.02 – Faculty and Staff Matters (Appendix IV)

Action (Consent): 7.03 – Sponsored Projects Report (Appendix V)

Action (Consent): 7.04 – Monthly Comparison (Gifts) Report Appendix VI

Action (Consent): 7.05 – Report of Investments Portfolio – for the Month of October 2016 (Appendix VII)

Action (Consent): 7.06 – Administrative Reports from the University of Utah to the State Building Board (Appendix VIII)

Action (Consent): 7.07 – Revise Policy 5-200, 5-201 and Policy 5-302 (Appendix IX)

Action (Consent): 7.08 – Recommendation for the 2017 University Distinguished Teaching Awards (Appendix X)

Action (Consent): 7.09 – Software Engineering Degree Name Change to Software Development (Appendix XI)

Action (Consent): 7.10 – Master of Arts in Teaching (Appendix XII)

Action (Consent): 7.11 – Capital Facilities Projects – Approval to Remodel Existing Space in the School of Medicine (Appendix XIII)

Action (Consent): 7.12 – Capital Facilities Projects – Approval to Remodel Space in Research Park, 419 Wakara (Appendix XIV)

Action (Consent): 7:14 – Naming of Facilities in the College of Law Building (Appendix XVI)

Chair Burton introduced the General Consent Calendar and asked for questions or comments. There were no questions or concerns raised by the Trustees.

Motion to approve the Consent Calendar by Jim Sorenson, second by Julie Barrett. Final Resolution: Motion Approved. Aye: Julie Barrett, Jack Bender, David Burton, Philip W. Clinger, Lisa Eccles, Christian Gardner, Cristina Ortega, Steve Price, and Jim Sorenson

Background materials are included in the Appendix (as noted above) and are on file in the office of the Secretary to the University.

ACTION

Note – Items 8.01 - 8.02 were voted on as group with the results noted under item 8.02

Action: 8.01 – Naming of Facilities in the John A. Moran Eye Center

Fred Esplin, Vice President of Institutional Advancement, presented the naming in the John A. Moran Eye Center.

David W. Bernolfo Center for Global Vision: David Bernolfo has donated $3,000,000 to International Ophthalmology, and the University would like to name the Global Vision Suite in the John A. Moran Eye Center in his honor.

A copy of the report is included as Appendix XVII with the official minutes of this meeting and is on file in the office of the Secretary to the University.

Action: 8.02 – Naming of Facilities in the Beverley Taylor Sorenson Arts and Education Complex

Fred Esplin, Vice President of Institutional Advancement, presented the naming of the Beverley Taylor Sorenson Arts and Education Complex.

Milton Bennion Education Plaza: Milton Bennion Hall was named in Honor of Milton Bennion, former Dean of the Graduate School of Education. To continue his legacy, the University would like to name the outdoor plaza at the Beverley Taylor Sorenson Arts and Education Complex in his honor.

A copy of the report is included as Appendix XVIII with the official minutes of this meeting and is on file in the office of the Secretary to the University.

Motion to approve item 8.01 and 8.02 by Lisa Eccles, second by Jack Bender. Final Resolution: Motion Approved. Aye: Julie Barrett, Jack Bender, David Burton, Philip W. Clinger, Lisa Eccles, Christian Gardner, Cristina Ortega, Steve Price, and Jim Sorenson
INFORMATION

Information: 9:01 – Emergency Management Presentation

Chief of Police, Dale Brophy, and Director of Emergency Management, Jeffrey Graviet, presented information of public safety and emergency management.

With the recent incidences at Ohio State and other campuses, the board was interested to hear an update on general preparedness in emergency situations on the U campus. If there is an incident on campus the following alert would come across your phone or computer. “CAMPUS ALERT: Reported Active Shooter/Violent Activity on campus. Be prepared to GET OUT, HIDE OUT, or TAKE OUT. Secure your areas. Tell others around you. Follow instructions from authorities. Public Safety is responding.” This message would immediately go out once the Police Department receives confirmation that we have an incident on campus. The U has a good notification system on campus, The Chief of Police, his command staff, emergence management team, and dispatch center all have the capability of sending out the alert from their cell phone. Timing is critical and the department wants to get the information out to campus as soon as possible so individuals can protect themselves. Currently the department has a 98 percent message delivery rate to all of the campus community. The Department moved to an opt out system instead of an opt in system in order to reach more of the campus community.

The Department conducts 4-6 trainings throughout the year. Trainings include shooting, movement, and communication. The Police Department works well with our local partners and the Salt Lake Police Department. We mirror their training for active shooter. We have also done joint training with the Salt Lake City Fire Department and cooperative work with our federal partners. Chief Brophy has a great relationship with the FBI, DEA and meets monthly with those partners.

Jeff Graviet, Director of Emergency Management discussed emergency preparedness efforts on campus. First, individuals need to have a plan in mind about what to do, who to contact, and how to function in that environment. Second, individuals need to have a kit, gear, and other things to take care of themselves. There are Emergency Response Teams within the facilities and department on campus that are trained to help. As an entire campus we have the STAT core team which is our unified command structure for crisis management. Emergency Management leads the coordination efforts of this team and directs the incident(s), which is trained and exercised monthly. The emergency management department is working to enhance communication capabilities by providing radios and satellite phones to all STAT Core business units.

A copy of the report is included as Appendix XIX with the official minutes of this meeting and is on file in the office of the Secretary to the University.

Information: 9.02 – Infrared Performance

John Bergquist, TA Choral Department and Infrared Instructor, introduced the performing group Infrared. Infrared gave a holiday performance at the conclusion of the University of Utah Board of Trustee meeting.
Resolution: Chair H. David Burton recommended approval to adjourn the open meeting of the Board of Trustees.

At 10:49 a.m. the December 13, 2016 adjourned.

The next scheduled meeting will be held January 10, 2017.

Motion to approve by Phil Clinger, second by Jim Sorenson. Final Resolution: Motion Approved.

Signed by: Laura Marks

Date approved: 10 January 2017