1:30 PM

1. **Research and Economic Development Division update**

   1.1 **Organizational structure of Research and Economic Development Division**
   
   Chitnis
   
   *VP Chitnis will present proposed structure and will obtain feedback from the committee for efficiency, accountability, and consistency.*

   1.2 **Update: Wyoming Innovation Partnership**
   
   Farkas, Biggs
   
   *AVP Farkas will update the committee on the progress made by WIP*

   1.3 **Update: SI annual report**
   
   Chitnis, Lyford
   
   *Dr. Lyford will report annual accomplishments of SI*

2:30 PM

2. **Economic Development Presentations**

   Entrepreneurship portfolio- Impact 307
   
   Farkas
   
   Resono Pressure Systems
   
   Pourya Nikoueeyan, Marvin Perry,
   
   Dr. Jonathan Naughton
   
   Eye to Eye Telehealth
   
   Dr. David Smits (virtual)
AGENDA ITEM TITLE:  RED Committee Meeting 1.1, Chitnis

SESSION TYPE:     APPLIES TO STRATEGIC GOALS:
☐ Work Session    ☒ Yes (select below):
☐ Information Session  ☒ Institutional Excellence
☐ Other            ☐ Student Success
☐ [Committee of the Whole – Items for Approval]  ☒ Service to the State
☐ No [Regular Business]
  ☒ Financial Growth and Stability

☒ Attachments are provided with the narrative.

EXECUTIVE SUMMARY:
RED Committee agenda item

1.1 Organizational structure of Research and Economic Development Division

VP Chitnis will present proposed structure and will obtain feedback from the committee for efficiency, accountability, and consistency.

PRIOR RELATED BOARD DISCUSSIONS/ACTIONS:

WHY THIS ITEM IS BEFORE THE BOARD:
To obtain feedback and advice

ACTION REQUIRED AT THIS BOARD MEETING:
None

PROPOSED MOTION:

N/A

PRESIDENT’S RECOMMENDATION:
N/A
Goals

To increase the breadth and size of UW’s research enterprise

To foster economic development by building a vibrant innovation ecosystem across Wyoming.
**Strategies**

- **People:**
  - Hire sufficient staff with the right expertise
  - Increase clarity and transparency in REDD organization

- **Programs:**
  - Enhance accountability from each unit
  - Invest strategically in programs

- **Processes:**
  - Reduce administrative burdens by modernizing systems and simplifying processes
  - Establish processes for resource allocations

- **Priorities:**
  - Align REDD priorities with the state’s needs, Trustees’ guidance, President’s strategic directions, and UW’s strategic goals.

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**People - Staffing**

- **Hire all positions in the budget**
  - All positions hired or in recruitment (except one position- greenhouse manager)
  - Associate Vice President for Research
  - More hires in IP and Tech Transfer as per strategic needs

- **Identify gaps**
  - Grant Development
  - Communication
  - Corporate Relations
Current Organization (Org) value for use in the University’s chart of accounts (COA)

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<th>Unit</th>
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- Research and Economic Development Division
- Two AVPs were not reflected
- There is no hierarchical organization
- Some units are missing
- Some units have changed their names
Research and Economic Development Units

- Accountability and ROI analysis

Strategies

- Seed funding
- Matching Funds
- Start up funds
- Resources and services
- Start up challenges
- Incubator spaces

Coordination, Policies, and Processes are needed
FY23 Budget-
$17.7 million (+ Direct costs for REDD projects)

- Why change?
  - Current office primarily serves NSF Track 1 project
  - Perceived COI
  - Other EPSCoR opportunities (NASA, DoE, DoD, USDA) need support
  - EPSCoR committee can span entire disciplinary spectrum
  - Increased risk of audit failure - NSF requires only 20% match - no more or less.

- Proposed Change
  - WY EPSCoR office serves all - NSF all tracks, NASA, DoE, DoD, USDA
  - WY EPSCoR Committee - broad and inclusive
    - May have a subcommittee that serves as advisory committee to the Track 1
Why Change?

- Focused on public engagement - no research, economic development or formal education
- Significant investments from indirect cost returns
- Some income from private fund-raising, but only for programs

Options

- Move back to Haub School
- Operationally combine with WY Natural Diversity Database
- Reduced to minimum level as a web-based gateway to biodiversity resources on campus

Biodiversity Institute

FY2022
$667K investments
$0 return
Biodiversity Institute to Haub

**Costs**
- Efficiencies gained
- Education and research to generate revenues

**Transition**
- Some positions moved to REDD
- Others to Haub, funded initially by REDD
AGENDA ITEM TITLE: RED Committee Meeting 1.2, Farkas, Biggs

SESSION TYPE: □ Work Session  ☒ Information Session  ☐ Other  ☐ [Committee of the Whole – Items for Approval]

APPLIES TO STRATEGIC GOALS: ☒ Yes (select below):
☒ Institutional Excellence  ☐ Student Success  ☒ Service to the State  ☒ Financial Growth and Stability  ☐ No [Regular Business]

☒ Attachments are provided with the narrative.

EXECUTIVE SUMMARY:
RED Committee agenda item
1.2 Update: Wyoming Innovation Partnership (WIP) Farkas, Biggs

AVP Farkas will update the committee on the progress made by WIP

- WIP Activity to-date
- Success Stories
- Key initiative updates

PRIOR RELATED BOARD DISCUSSIONS/ACTIONS:

WHY THIS ITEM IS BEFORE THE BOARD:

ACTION REQUIRED AT THIS BOARD MEETING:
None

PROPOSED MOTION:
N/A

PRESIDENT’S RECOMMENDATION:
N/A
AGENDA ITEM TITLE: RED Committee Meeting 1.3, Lyford

SESSION TYPE:
☐ Work Session
☐ Information Session
☐ Other
☐ [Committee of the Whole – Items for Approval]

APPLIES TO STRATEGIC GOALS:
☒ Yes (select below):
☒ Institutional Excellence
☐ Student Success
☒ Service to the State
☒ Financial Growth and Stability
☐ No [Regular Business]

☒ Attachments are provided with the narrative.

EXECUTIVE SUMMARY:
RED Committee agenda item
1.3 Update: SI annual report Lyford

Dr. Lyford will report annual accomplishments of SI

See separately provided annual report of the SI programs

PRIOR RELATED BOARD DISCUSSIONS/ACTIONS:

WHY THIS ITEM IS BEFORE THE BOARD:
Informational

ACTION REQUIRED AT THIS BOARD MEETING:
None

PROPOSED MOTION:

N/A

PRESIDENT’S RECOMMENDATION:
N/A
AGENDA ITEM TITLE: RED Committee Meeting 2, Economic Development

SESSION TYPE: ☒ Work Session
☐ Information Session
☐ Other
☐ [Committee of the Whole – Items for Approval]

☐ Work Session
☒ Information Session
☐ Other
☐ [Committee of the Whole – Items for Approval]

APPLIES TO STRATEGIC GOALS:
☒ Yes (select below):
☐ Institutional Excellence
☐ Student Success
☒ Service to the State
☒ Financial Growth and Stability
☐ No [Regular Business]

☒ Attachments are provided with the narrative.

EXECUTIVE SUMMARY:
RED Committee agenda item

2. Economic Development Presentations
Entrepreneurship portfolio- Impact 307
Resono Pressure Systems
Eye to Eye Telehealth

PRIOR RELATED BOARD DISCUSSIONS/ACTIONS:

WHY THIS ITEM IS BEFORE THE BOARD:
Informational

ACTION REQUIRED AT THIS BOARD MEETING:
None

PROPOSED MOTION:

N/A

PRESIDENT’S RECOMMENDATION:
N/A
Economic Development Presentations - Farkas

- **Entrepreneurship portfolio**
  - (2) Impact 307 clients will provide business overview and insights into how the IMPACT 307 team has supported their business growth to-date

- **Resono Pressure Systems**
  - Resono Pressure Systems: From wind tunnel to field test applications carried out by academic, industrial, and government research laboratories. Resono provides accurate and robust unsteady pressure measurement solutions. Resono has been in the IMPACT 307 building for 5 years. IMPACT 307 has worked with the company since their inception. Resono continues to receive grant funding and work on highly technical projects. Most recently Resono is in process of bidding on large contracts to include Boeing and other private firms.
    - Key contacts:
      - Pourya Nikoueeeyan
      - Marvin Perry
      - Dr. Johnathan Naughton

- **Eye to Eye Telehealth**
  - Eye To Eye Telehealth Inc. is an eyecare-focused medical device company modernizing glaucoma management through telemedicine. Our mission is to create innovative technology that brings eyecare into the patient’s home, while enabling physicians to meet the growing demands of an expanding patient population. Since winning seed funding from IMPACT 307’s “SEWYIL” event in 2022, the company has been busy hiring an intern through UW’s INBRE program and working closely with UW’s Health & Bioscience Innovation Hub (HBI HUB). Since October, the company has been introduced to Manufacturing Works. IMPACT 307 is currently developing a plan to accommodate an office in IMPACT 307’s new Cheyenne/LCCC location.
    - Key contacts:
      - Dr. David Smits
      - Preston Smits