FY15 STRATEGIC PLAN

OUR MISSION

The Division of Research and Economic Development provides effective leadership, advocacy and services to support the University’s goal of being a doctoral research university where the knowledge developed by research activities is transferred to the community for economic, societal, and cultural benefit.

OBJECTIVES

Top-level strategic objectives, and the specific actions to be undertaken this year to achieve them, are outlined in detail below.

- Grow and Diversify our research portfolio to attain doctoral research institution status
- Support the economic development of the state and the region
- Increase Technology Transfer and commercialization of university intellectual property
- Contribute to signature high quality student experience and education
- Advance strategic communication
- Improve processes for division operation
GROW AND DIVERSIFY OUR RESEARCH PORTFOLIO TO ATTAIN DOCTORAL RESEARCH INSTITUTION STATUS

GROW IN SELECT AREAS OF RESEARCH defined as those with the greatest potential for distinction, and societal, cultural and economic benefit

- Pursue external funding to establish large federally funded research centers in select areas of strength such as recycling of critical materials, remote sensing of the integrity of stored nuclear waste, and cybersecurity (Harold, ongoing)
- Research and recruit faculty hires in support of our stated research focus areas (Mark and Harold, ongoing)
- Through a process of strategic alignment, establish additional, high-probability areas of collaboration with the Idaho National Laboratory (INL) within the Center for Advanced Energy Studies (CAES) framework (Harold, ongoing)
- Utilize Washington D.C. representation to facilitate matching Boise State University capabilities with potential industrial and government sponsors (Mark and Harold, ongoing)
- Market university expertise to select national industrial audiences with complementary areas of research strength (Mary, ongoing)
- Assess existing centers, institutes and core facilities to identify those that are successful and strategically aligned to achieve the university mission (Harold, ongoing)
- Develop a plan with Alumni Relations to identify Boise State alumni in leadership positions in federal or state agencies who may serve as liaisons to their agencies in support of Boise State research efforts (Kim and Pat, May 2015)

ROLLOUT AND MARKET A FORMAL RESEARCH DEVELOPMENT effort which will provide unparalleled support and services to grant-active principal investigators, particularly during the proposal preparation phase of the process

- Develop infrastructure and tools (e.g., template text for proposals, etc.) which both aid and support principal investigators during proposal preparation and ensure compliance (Jana and Pat, April 2015)
- Provide proposal management services, following our established research priorities, to large institutional proposals and strategically significant single-authored proposals (Pat, Jana, Kim, ongoing)
- Continue to identify and fund innovative and creative seed projects to develop new research direction and to add additional faculty researchers (Kim and Harold, ongoing)
- Participate in New Faculty Orientation Program (1 hour session) August 2014 (Pat and Jana, August 2014)

COMPLETE IMPLEMENTATION OF INTERNAL STRATEGIES and improvements that support and enhance the role of research faculty in growing and executing research and development

- Create a seat on Faculty Senate for research faculty (Harold, December 2015)
- Complete the revision of the Research Faculty policy (Kim and Harold, February 2015)
- Establish and manage a university-wide fund that supports the hiring of new research faculty and provides funding for ancillary activities and offsets vacation liability for current research faculty (Kim and Harold, July, 2015)
INCREASE PHILANTHROPIC ACTIVITIES IN support of the research enterprise

- Raise money to meet the fundraising deadlines outlined in the Arts and Humanities Institute’s grant from the National Endowment for the Humanities (Virginia, ongoing)
- Establish scholarships and operating funds for sustaining Venture College and similar community-based programs (Virginia)
- Increase funding from national foundations to support the research enterprise (Virginia)
- Organize at least 4 stakeholder events to highlight priority research areas (Virginia)
- Raise funds for endowed research faculty (Virginia)

DEVELOP A RESEARCH SPACE UTILIZATION model for campus

- Develop a research utilization policy for campus-wide implementation in conjunction with space planning and college personnel (December, 2015)

SUPPORT RESEARCH CYBERINFRASTRUCTURE DEVELOPMENT AT THE UNIVERSITY

- Support “CI Day” program, (Kim and Harold, October 22, 2014)
- Provide guidance and assistance to OIT grant writer on grant proposals to build cyberinfrastructure (Kim, ongoing)
- Continue to collaborate with Albertsons Library and OIT to present Data Management Plan workshops (Kim and Pat, ongoing)

SUPPORT THE ECONOMIC DEVELOPMENT OF THE STATE AND THE REGION

DEVELOP A UNIVERSITY-WIDE ECONOMIC DEVELOPMENT strategic plan (Mary)

DEVELOP A PLAN TO INCREASE AWARENESS AMONG POTENTIAL REGIONAL PARTNERS about Boise State’s research excellence through a variety of touch points and geographic locations (Pat, Jana, Mary, June 2015)

ESTABLISH AND MARKET THE CENTER FOR ADVANCED ENERGY STUDIES (CAES) TECHNICAL ASSISTANCE PROGRAM (C-TAP) to provide technical assistance to industry while providing unique learning experiences for our students

- Hire C-TAP team members (Harold and Dick, ongoing)
- Develop appropriate forms and paperwork specific to C-TAP activities (e.g., non-disclosure agreements, sponsored project agreements, etc.) (Harold and Dick, January 2015)
- Create promotional materials (e.g., flyers, website, etc.) to market C-TAP capabilities and services (Harold and Dick, October, 2015)

UTILIZE THE VENTURE COLLEGE ACCELERATOR MODEL to create similar community-based programs in Ketchum/Sun Valley and Meridian (Mary)

ESTABLISH THE BOISE STATE RESEARCH FOUNDATION to manage select pieces of university-owned intellectual property and to further facilitate university/industry research partnerships (Mark)
INCREASE TECHNOLOGY TRANSFER AND COMMERCIALIZATION OF UNIVERSITY INTELLECTUAL PROPERTY

FINALIZE UNIVERSITY IP POLICY (Harold and Mark, August 2014)

FINALIZE LABORATORY NOTEBOOK POLICY (Harold, December 2014)

PARTNER WITH THE OFFICE OF GOVERNMENT RELATIONS to advocate for creating the technical infrastructure and regulatory environment necessary to attract high-tech companies to Boise and the Treasure Valley (Mark and Mary, ongoing)

HOLD A SECOND SERIES OF WORKSHOPS WITH REPRESENTATIVES FROM INDUSTRY to explore possible research collaborations and compare intellectual property portfolios (Katy and Harold, June 2015)

INCREASE FACULTY/STAFF DISCLOSURES OF quality intellectual property
  - Offer information sessions and presentations to increase awareness of the Office of Technology Transfer on campus (Katy, ongoing)
  - Present Office of Technology Transfer services at New Faculty Orientation Resource Fair (Katy, August 2014 and Jan/Feb 2015)
  - Present new IP Policy to Dean’s Council and Department Chairs Meeting (Harold and Katy June 2015)

CONTRIBUTE TO SIGNATURE HIGH QUALITY STUDENT EXPERIENCE AND EDUCATION

IDENTIFY AND SUPPORT OPPORTUNITIES to fund more graduate research fellowships (Pat, June 2015)

CONTINUE TO OFFER RESPONSIBLE CONDUCT of research (RCR) coursework at the university (Judie)

STRENGTHEN LINKAGES TO ACADEMIC PROGRAMS by promoting participation in student research at all levels (Pat and Harold level of effort)

SUPPORT THE NEW COLLEGE of Innovation and Design (CID)
  - Develop and implement a Vertically-Integrated Projects (VIP) Program within the CID (Harold, ongoing)
  - Support other academic and research programming selected to be included in the new CID, including an energy certification program, collaboratory, Center for Human Environmental Systems, etc. (Mark, ongoing)

ADVANCE STRATEGIC COMMUNICATION
DEVELOP AND IMPLEMENT INTERNAL AND EXTERNAL STRATEGIES that support and enhance the University’s reputation as a metropolitan research university

- Increase communication with external stakeholders through delivery of targeted research highlights in direct mailings (Kathleen, ongoing)
- Maintain and continually update a robust website that supports the Division’s mission and provides easy-to-access services and information (Kathleen, ongoing)
- Develop core materials around the University’s Research Strengths for distribution to media, faculty, the public and targeted audiences (Kathleen, ongoing)
- Produce a research magazine, Explore 2015, and distribute and promote to targeted audiences (Kathleen, ongoing)

IMPROVE PROCESSES FOR DIVISION OPERATION

DEVELOP AND IMPLEMENT AN EVALUATION PROCESS FOR EACH OFFICE OF THE Division based on efforts initiated during the program prioritization effort (Directors, June 2015)

CONVENE DIVISION LEADERSHIP ON A REGULAR BASIS to facilitate communication and ensure proper implementation of policies and procedures (Mark, ongoing)