FY17 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 R2: Doctoral University – Higher Research Activity where the knowledge developed by research pursuits 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 ‘HIGHER RESEARCH ACTIVITY’ 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 programs in select areas of strength (Harold, ongoing)
- Through a process of strategic alignment, establish additional, high-probability areas of collaboration with the Idaho National Laboratory (INL) and or within the Center for Advanced Energy Studies (CAES) framework (Harold, ongoing)
- Target and grow arts, humanities, and social science research (Mark, Harold, Pat, Jana, June 2017)
- Utilize Washington D.C. representation to facilitate matching Boise State University capabilities with potential industrial and government sponsors (Mark and 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 (Pat and Harold, May 2017)
- Establish an ongoing process to identify candidate research areas for foundation funding and submit at least two proposals in identified areas (Harold, Pat, Jana, and Robyn, June 2017)
- Build new partnerships for graduate research with the Graduate College (Mark, Harold, June 2017)

ADVANCE THE RESEARCH DEVELOPMENT effort which will provide unparalleled support communication systems, 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, ongoing)
- Create and implement training seminars, as well as a functional online seminar and registration and evaluation system, well integrated into the DoRED website. (Pat and Jana, ongoing)
- Provide proposal management services, following our established research priorities, to large institutional proposals, research computing, and strategically significant single-authored proposals (Pat, Jana, Mendi ongoing)
- Lead research focus in New Faculty Orientation Program (2 - 3 hour session) (Pat and Jana, August 2017)
- Pilot research strategic plan development for departments (Mendi, Jana, Pat, December 2016)
INCREASE PHILANTHROPIC ACTIVITIES in support of the research enterprise
- Establish scholarships and operating funds for sustaining Venture College and similar community-based programs (Virginia, 2017)
- Organize at least 4 stakeholder events to highlight priority research areas (Virginia, 2017)

SUPPORT THE ECONOMIC DEVELOPMENT OF THE STATE AND THE REGION

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
- Increase customer base by 10% (Dick, June 2017)
- Increase number of faculty involved by 20% (Dick, October 2017)

UTILIZE THE VENTURE COLLEGE ACCELERATOR MODEL to create similar community-based programs in Ketchum/Sun Valley (Cece, 2017)

COMPLETE ECONOMIC IMPACT study for Boise State University (Cece, 2017)

CREATE OPPORTUNITIES for the University Research Foundation to support University activities through the productive management of select intellectual property and the collaborative research (Mark, Katy and Harold, June 2017)

EXPAND ECONOMIC DEVELOPMENT webpage to be inclusive of all economic development activities across campus (Cece, June 2017)

INCREASE TECHNOLOGY TRANSFER AND COMMERCIALIZATION OF UNIVERSITY INTELLECTUAL PROPERTY

CREATE A PROCESS TO EVALUATE EARLY STAGE INTELLECTUAL PROPERTY THROUGH INDUSTRY AND INVESTOR INVOLVEMENT TO PROVIDE guidance influencing the research directions increasing marketable IP (Katy, April 2017)

LEVERAGE THE VENTURE COLLEGE STUDENT RESOURCES AND EXPERTISE to support faculty startups (Katy, ongoing)

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 2017 and Jan/Feb 2017)
- Meet with STEM Departments to reinforce importance and need for contract compliance and disclosures (Katy and Karen, ongoing)
- Increase the number of invention disclosures to the level of 1 for every $2m of research expenditures
(Katy and Harold)

- Increase amount of licensing revenues by 20% per year (Katy and Harold, ongoing)

**CONTRIBUTE TO SIGNATURE HIGH QUALITY STUDENT EXPERIENCE AND EDUCATION**

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

INCREASE THE OPPORTUNITY FOR RESEARCH EXPERIENCE OPPORTUNITIES for all students especially at the undergraduate level (Pat and Harold, level of effort)

- Take a lead role in the undergraduate research conference in April, events to highlight graduate research, and establish a “Research Month” in April.

SUPPORT THE NEW COLLEGE of Innovation and Design (CID)

- Support other academic and research programming in the new CID, including the 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)
- Produce a research magazine, Explore 2015, and distribute and promote to targeted audiences (Kathleen, ongoing)
- Communicate about research facts and statistics (e.g., infographic summaries) to demystify and highlight the role and impact of research and sponsored projects for the campus community and beyond (Kathleen, ongoing)

**IMPROVE PROCESSES FOR DIVISION OPERATION**

CONTINUE TO COLLECT, ANUALLY REPORT AND DEVELOP actionable response methods/tools on process evaluation for each office by fiscal year (Directors, October 2017)

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