



EHHD Research Report

2017

(& AY 2017-18)

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College of EHHD Research Report 2017

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Executive Summary of EHHD Research Report (2017)

The research agendas of our faculty are diverse, ranging from reporting biochemical differences between organic and non-organic Fuji Apples to describing the impact of Indigenous leadership on institutional racism in schools serving American Indian communities. Although some broad themes emerge in research across EHHD, such as facilitating equity in education and health, and promoting wellness for all Montana citizens, a topical theme is difficult to establish. Nevertheless, there is common ground among such diversity and a common research identity seems to be centered upon enacting the land grant mission. Specifically, the shared identity within the College of EHHD is found in serving our students and communities by integrating learning, discovery and engagement.

Indicators of research development include measures of faculty productivity in terms of publications, presentations, funded research proposals and funded research expenditures to name a few. These indicators are tied to faculty recognition. However, the indicators (such as the number of publications authored) are not enough to afford a faculty member recognition in terms of scholarly identity. Scholarly identity is foundational to scholarly productivity at both the individual and college level. A national reputation for expertise in pioneering new research terrain (recognized scholarly identity) adds to an individual's credibility as well as enhancing the reputation of the college and university thus attracting more competitive funding for projects as well as attracting more students and faculty members. Thus, a vision resulting in increased scholarly productivity does not start with the productivity indicators but with a shared understanding across the college about what constitutes recognition of a distinct scholarly identity and how that scholarly identity is to be developed. The means for facilitating the development of scholarly identity is to engage faculty members in academic conversations and collaborations, train faculty members in current disciplinary knowledge and methodological skills, and nurture faculty members to deeply reflect upon their practice and share their reflections with others.

Engagement

Currently the College of EHHD has three centers—the Center for Multicultural and Bilingual Education, the Center for Research on Rural Education, and the Science and Math Learning Center. These centers have the capacity to engage faculty by providing a forum for interests to be expressed around specific research projects and collaborations.

Currently several faculty members within EHHD meet periodically in writing groups. Some of the writing groups were self-initiated while others developed through an initiative by MSU's Center for Teaching and Learning. Faculty members within the writing groups perceive themselves as more productive.

Another means of facilitating faculty engagement in academic conversations and collaborations is to establish and promote various intra- and inter-collegiate forums. One example of such a forum is *Common Threads*, a network of MSU Indigenous researchers who meet monthly to discuss ongoing research with Indigenous communities throughout Montana.

Training

Current disciplinary knowledge and methodical skills are essential to the development of a scholarly identity as well as success in research productivity. EHHD initiatives included: the mini-grant program, monthly brown bag seminars on research methods, grant-writing boot camp, and grant award start-up meetings.

The EHHD mini-grant program provided incentive to faculty members to develop inquiry proposals around specific themes—such as community-based participatory research or the integration of teaching and learning scholarship. EHHD invested \$156,964 funding specific faculty proposals. An initial assessment indicated that the return on investment from funded awards was 268% within 18

months of the first award. Additionally, the mini-grant funded projects produced 62 research presentations and seven publications. In addition to generating proposals for funded research, providing proposal authors with specific feedback.

Monthly brown bag” seminars on various research methodologies of interest to Education and HHD faculty began in fall 2017. A grant writing boot camp was developed into a graduate course and offered to both graduate students as well as faculty members this past summer. By offering faculty and graduate students the opportunity to learn current research methodologies and gain skill in grant-writing from experienced grant writers, faculty members and graduate students are better able to successfully compete for limited grant funding and be more productive in developing their identities as scholars. The grant award start-up meetings offer just-in-time training in grant management as well as establish a collaborate environment among the PI, Co-PIs, departmental fiscal managers, HR staff, and OSP representative. Such meetings clarified the scope of the funded research project and prevented misunderstandings among the implementation team.

Nurturing

The nurturing of a scholarly identity requires solitude, reflection and feedback. EHHD’s two key strategies for nurturing are the establishment of a formal faculty mentoring program and the promotion of well-being. A primary goal for 2018 is to establish a formal faculty mentoring program. This past year, the leadership team has discussed, and we have asked others, such as the CAIHRE Director to present their experiences with faculty mentoring. Launching a viable mentoring program within the next year will facilitate a better understanding of scholarly identity as well as help in the process of developing scholarly identity through advocacy, support and feedback.

The promotion of well-being and a balanced life style is often neglected in the pursuit of garnering a scholarly identity, especially among junior faculty members striving to obtain tenure. It is essential that organizational routines and structures be created to facilitate the overall well-being of faculty members and help faculty and staff members to create a sustainable lifestyle.

Productivity

Forty-five students received \$22,500 to present their research at regional, national, and international conferences during AY 17-18. This is an increase of 25% when compared with the year prior (AY16-17). Research Grant expenditures increased this past year by over \$1,000,000 compared to last year (25% increase). Although publication in referred journals declined about 10%, the number of presentations and other scholarly products increased. As referred presentations and other scholarly products often lead to publications, we interpret this pattern as an indicator that efforts toward building capacity are working. Along this line, this is the first year that data on publication impact factor has been gathered. Although 27% of the publications this year were in high impact journals (2.0 or more), 40% of the publications this year were in publications that did not have an impact factor. In the field of Education, less than 11% of research is published in journals with an impact factor. This year, we plan to clarify the meaning of scholarly impact in Education and determine the best measures toward supporting a claim of scholarly impact.

Enacting the Land Grant Mission: Synthesis of a Research Identity for the College of Education Health and Human Development (EHHD)

The departments and programs housed within EHHD are among the most diverse grouping of disciplines housed in any college at Montana State University. Academic disciplines range from Early Childhood Education to Adult and Higher Education, and from Food Science to Mental Health Counseling. Similarly, the research agendas of our faculty are equally diverse ranging from reporting biochemical differences between organically and non-organically produced Fuji Apples to describing the impact of Indigenous leadership on institutional racism in schools serving American Indian communities. Although some broad themes emerge in research across EHHD, such as facilitating equity in education and health, and promoting wellness for all Montana citizens, a single topical theme is difficult to establish. Nevertheless, there is common ground among such diversity and a common research identity seems to exist which is centered upon the concept of enacting the land grant mission. Specifically, a common identity is found in serving our students and communities by integrating learning, discovery and engagement.

Boyer (2016) outlined four types of scholarship (see Figure 1). The scholarship of discovery is most closely associated with the meaning that we ascribe when using the term of research. It is the process and result of empirical inquiry. Scholarship of Engagement is applied scholarship often deliberately directed toward facilitating outcomes for a specific community or within a specific context. Scholarship of Teaching and Learning is the continuous improvement of applied instructional and curricular activities to improve student outcomes. Integrated scholarship is the combination of all three, or two of the three (Discovery, Engagement and/or Teaching & Learning) into a single project or series of similar projects.

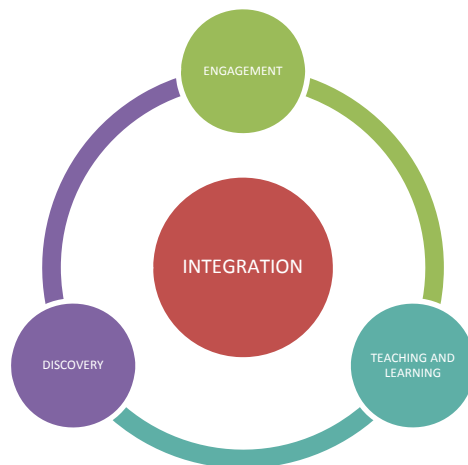


FIGURE 1
TAXONOMY OF SCHOLARSHIP WITHIN THE
COLLEGE OF EDUCATION, HEALTH AND HUMAN DEVELOPMENT

An example of integrated scholarship within EHHD is the Indian Leadership Education and Development (I LEAD) project. The project was initiated in 2006 through a series of professional development grants provided by the US Department of Education amounting to almost five million dollars (\$4.8M). It has increased the number of American Indian licensed school administrators in Montana 11-fold. The project began as an outreach project to provide graduate education to teachers located in the remote areas of Northeast Montana. The theory of action used to guide the project has served as a national model facilitating the preparation of Indigenous school leaders, thus providing an example of the scholarship of engagement (Henderson, Ruff, and Carjuzaa, 2015; Ruff & Erickson, 2008). The teaching methodologies used in the project questioned the appropriateness of commonly used graduate assessment methods with Indigenous students, thus providing an example and contributing to the scholarship of teaching and learning (Carjuzaa & Ruff, 2010). Finally, long-term evaluation of the project revealed a relationship that existed between the authentic leadership of project graduates and a reduction in institutional racism within the schools which these graduates lead (Henderson, Carjuzaa & Ruff, 2015). Within EHHD, such examples of integrated scholarship are numerous: Held & McCormack, "Improving chronic illness management with the Apsaalooke Nation: The Baannilah Project," Sponsored by National Institute Of Health (NIH); Miles, Walk, and Yeoman, "Controlling Inflammation and Atherogenesis through Exercise and the Gut Microbiome," Sponsored by American Heart Association; Harmon, "Product Development and Evaluation Resources and Infrastructure to Support Value-Added Specialty Crops," Sponsored by Montana Department of Agriculture (MDA), (AMEHEA); Byker and Ahmed, "Enhancing Dietary Quality through a Community-Based Food Intervention for FDPIR Participants on the Flathead Reservation," Sponsored by National Institute Of Health (NIH); and Carjuzaa, Ruff & Henderson, "Montana Teachers of English Language Learners," sponsored by US Dept of Education, to name just a few.

Understanding the taxonomy of scholarship that exists within EHHD is essential to appropriately recognizing, valuing and developing the full range of diverse scholarship that exists among the research agendas of all faculty members. For many of the physical, biological, and social science disciplines integrated scholarship often begins with the scholarship of discovery. Basic research is then translated into the scholarship of engagement and/or the scholarship of teaching and learning. Similarly, there are several faculty members within EHHD whose research agendas focus on the scholarship of discovery. Yet, most EHHD faculty members focus on the scholarship of engagement or the scholarship of teaching and learning then translate this scholarship into the scholarship of discovery. The creative effort for most lies in constructing a theory of action from principles derived from the physical, biological, or social sciences and applying the theory of action to a specific context, evaluating the results and adapting the theory of action (scholarship of engagement or scholarship of teaching & learning depending upon the context of the application). Such theories of action are translated into the scholarship of discovery. Argyris (1999) wrote:

Most social science research...has as its ultimate objective explanation and generalization. It is a science after-the-fact. Social scientists observe what is going on, organize their observations into theories that explain, generalize, and predict. ...The fundamental assumption of after-the-fact

theory is that someday it will become complete enough to be used to inform before-the-fact phenomena. This assumption can be questioned on empirical as well as logical grounds. (p.306)

Thus, translating outcomes from theories of action applied within specific contexts is a valid and valuable approach to generating research. Put another way, translating the outcomes obtained through the scholarship of engagement or the scholarship of teaching and learning into the scholarship of discovery is just as important as translating the scholarship of discovery into engagement or teaching and learning.

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EHHD Strategic Plan for Research Development

As noted in the preface of this report, the scholarship interests within EHHD are diverse and multi-faceted. Boyer's (2016) model where the taxonomy of scholarship extends beyond discovery to embrace the land grant mission characterizes the scholarship of this college well. Specifically, the scholarship of EHHD includes discovery, but other forms of scholarship such as the cross-disciplinary scholarship, the scholarship of engagement (outreach), the scholarship of teaching and learning, and integrated scholarship are equally celebrated. Examples of EHHD scholarship in Discovery include research into chronic disease prevention and rehabilitation (Miles, Becker) as well as bioenergy carbon capture (Ahmed).

The scholarship in cross-disciplinary research utilizes core knowledge from different disciplines to produce unique applications and understandings. Examples of EHHD cross-disciplinary scholarship include topics of student transition to college success (Seifert, Downey, Vaterlaus, and Wilson) and adaptive technology-based pedagogy (Lux, Hughes, and Seifert).

The scholarship of application and outreach uses disciplinary knowledge and evidence-based research findings to improve local conditions within a specific context such as a community or a school. Examples of EHHD outreach scholarship include topics such as the Digital Storywork Project (Stanton) facilitating the preservation of Northern Plains tribal languages and cultures, Grandparents Raising Grandchildren (Bailey) and Farm to School programs (Bark, Roth, and Byker Shanks).

The scholarship of teaching and learning advances and improves educational methods by creating, evaluating and disseminating instructional and curricular interventions. Examples of EHHD teaching and learning scholarship includes projects such as Troops to Teachers (Carson & Gaub) and Indian Leadership Education and Development (I LEAD) (Ruff, Carjuzaa & Henderson).

Integrated scholarship occurs when an area of inquiry overlaps multiple types of scholarship. Examples of EHHD integrated scholarship includes Messengers for Health (Suzanne Held), a community-based participatory research project that seeks to discover and disseminate new methods for community-based participatory research and community health, but also seeks to improve the health and well-being of a specific community. Another example of EHHD integrated scholarship includes the Montana Teachers of English Language Learners (MontTELLs) project (Carjuzaa, Ruff, & Henderson), a clinical trial testing the efficacy of two distinct instructional methods while at the same time facilitating parent engagement in schools and enhancing ELL student achievement at various schools across Montana.

Within the College of EHHD, Integrated scholarship is prevalent. This past year, the first "EHHD Talks" were conducted. "EHHD Talks" is a forum where members of the public are encouraged to attend and listen to six award winning faculty members each recognized as outstanding for teaching, research, or service in each of the college's departments (Education and Health & Human Development). This year there were approximately 100-120 people attending from the Bozeman community. Although each faculty member was selected based upon accomplishments within a single area, many attending the EHHD Talks noted that each of the speaker's topics and accomplishments were in fact integrated across all three of the areas.

Foundational Assumptions about Scholarly Productivity:

Defining and Developing Scholarly Identity

For more than three decades, the quality of the American K-12 school system has been evaluated based upon a narrow band of indicators in which student performance scores in math and reading on a high-stakes standardized test is most valued. Within the last decade, many higher education institutions have adopted similar indicators to evaluate various programs. Despite the wide use of performance indicators, a system-wide focus on improving performance scores, and high stakes decisions resting on such indicators, little has changed. From 2001 to 2015, math achievement scores in American public schools (including charter schools) had a gain of less than one percent. Reading achievement increased less than half a percentage point during this period. These data suggest that performance indicators are an insufficient means of accomplishing change. Indicators simply document whether change has occurred. Change requires a shared vision and sound action plan.

Indicators of research development include measures of faculty productivity in terms of publications, presentations, funded research proposals and funded research expenditures to name a few. These indicators are tied to faculty recognition. However, the indicators (such as the number of publications authored) are not sufficient to afford a faculty member recognition in terms of scholarly identity. For example, Assistant Professors who publish a sufficient number of articles to obtain tenure but do not have coherent research agendas seldom publish beyond achieving tenure. Scholarly identity lies at the heart of scholarly productivity.

Scholarly identity is foundational to scholarly productivity at both the individual and college levels. A national reputation for expertise in pioneering new research terrain (recognized scholarly identity) adds to an individual's credibility as well as enhancing the reputation of the college and university thus attracting more competitive funding for projects as well as attracting more students and faculty members. Thus, a vision resulting in increased scholarly productivity does not start with the productivity indicators but with a shared understanding across the college about what constitutes recognition of a distinct scholarly identity and how that scholarly identity is to be developed.

The role and scope document is the essential map for defining scholarly identity. The criteria for retention specifies, among other things, the articulation of a research identity as well as progress made towards demonstrating the research identity in terms of a clear and concise research agenda and evidence in developing that agenda. The criteria for tenure and promotion to Associate Professor requires demonstrating that a research identity has been established through evidence of a series of scholarly activities. The criteria for promotion to Professor requires that others recognize an established scholarly identity demonstrating evidence of pioneering new research terrains or methods or leading others into new lines of inquiry. By specifying the criteria for evaluating and assessing key milestones in the development of scholarly identity, the role and scope document requires faculty members to concretely define and establish the meaning of their own scholarly identity. The meaning becomes shared through the retention, tenure and promotion process with colleagues within their department, college and university.

With the role of scholarly productivity indicators established and the means of defining scholarly identity specified, the question remains as to how to facilitate and develop scholarly identity among faculty. The answer is to engage, train, and nurture faculty members so that they (1) become aware of

the need for a scholarly identity, (2) garner the knowledge and skills necessary to bound and develop a scholarly niche to articulate their scholarly identity, and (3) collaborate with others to encourage further inquiry and engagement within a given domain of scholarship.

EHHD Action Plan for Scholarly Productivity

As specified above, scholarly productivity is a function of developing the scholarly identity of faculty members. The means for facilitating the development of scholarly identity is to engage faculty members in academic conversations and collaborations, train faculty members in current disciplinary knowledge and methodological skills, and nurture faculty members to deeply reflect upon their practice and share their reflections with others.

Engagement:

Currently the College of EHHD has three centers—the Center for Multicultural and Bilingual Education, the Center for Research on Rural Education, and the Science and Math Learning Center. These centers have the capacity to engage faculty by providing a forum for interests to be expressed around specific research projects and collaborations. Purposefully developing structures within these centers to promote recruitment of interested faculty members will engage them in ongoing collaborations with others having similar interests. Such structures have the potential to enhance the scholarly identity of the individual faculty members, the reputation of the center, and could result in increased grant and publication productivity.

Currently several faculty members within EHHD meet periodically in writing groups. Some of the writing groups were self-initiated while others developed through an initiative by MSU's Center for Teaching and Learning. Faculty members within the writing groups perceive themselves as more productive. Emphasizing and encouraging faculty members to join and meet regularly with a writing group will promote meaningful academic conversations and collaboration.

Another means of facilitating faculty engagement in academic conversations and collaborations is to establish and promote various intra- and inter-collegiate forums. One example of such a forum is MSU's Common Threads Network of Indigenous Communities' Research Partners, a group that meets monthly to discuss ongoing research with Indigenous communities throughout Montana.

Training:

Current disciplinary knowledge and methodical skills are essential to the development of a scholarly identity as well as success in research productivity. To this end, several initiatives within EHHD focus on facilitating faculty members' knowledge and skill. These include: the mini-grant program, monthly brown bag seminars (in FY18 focused on diverse research methods), grant-writing boot camp, and grant award start-up meetings.

The EHHD internal grants program provides incentive to faculty members to develop inquiry proposals around specific themes—such as community-based participatory research or the integration of teaching and learning scholarship. Proposals are reviewed by the EHHD Leadership Team and awarded to faculty members or groups of faculty members based on the merits of the proposal. In addition to generating proposals for funded research, providing proposal authors with specific feedback,

and generating feasibility data that can be used in garnering external funding, the program provides PIs with experience in grant management.

Monthly “brown bag” seminars on various research methodologies of interest to Education and HHD faculty began in fall 2017. Specific researchers were identified and asked to share their insights on a research method used in a recent publication. A copy of the publication was shared prior to the seminar. The researcher shared both the formal aspects of the methodology as well the insights gleaned in implementing the study. Topics included: community based participatory research, case study research, the delphi and Q-sort methods, and using government and purchased data sets for research.

A grant writing boot camp was developed into a graduate course and offered to both graduate students as well as faculty members this past summer. Throughout the 6-week course, participants developed a project from an idea to a full proposal receiving feedback on the process at each major step from conceptual model through proposal narrative and budget justification. By offering faculty and graduate students the opportunity to learn grant-writing from experienced grant writers, their skills are honed, and they are better able to successfully compete for limited grant funding.

The grant award start-up meetings offer just-in-time training in grant management as well as establish a collaborative environment among the PI, Co-PIs, departmental fiscal managers, HR staff, and OSP representative. The meeting clarifies the scope of the funded research project as well as specifying unique aspects of the awarded grant to prevent misunderstandings among the implementation team.

Nurturing:

The nurturing of a scholarly identity requires solitude, reflection and feedback. EHHD’s two key strategies for nurturing are the establishment of a formal faculty mentoring program and the promotion of well-being.

A primary goal for FY2019 is to establish a formal faculty mentoring program. This past year, the leadership team has discussed the idea as well as how such a program might be structured. Additionally, we have asked others, such as the CAIHRE Director to present their experiences with faculty mentoring. A viable mentoring program will facilitate a better understanding of scholarly identity as well as help in the process of developing scholarly identity through advocacy, support and feedback.

The promotion of well-being and a balanced life style is often neglected in the pursuit of garnering a scholarly identity, especially among junior faculty members striving to obtain tenure. EHHD holds well-being among its defining core values. Therefore, it is essential that organizational routines and structures be created to facilitate the overall well-being of faculty members and help faculty and staff members to create a sustainable lifestyle.

Immediate Goals for FY2019

- Continue monthly “brown bag” seminars promoting the understanding and skills needed for to establish and maintain a scholarly identity.
- Blog and Tweet tips for grant success.
- Formalize a new faculty mentorship program.
- Offer a graduate course on grant writing in conjunction with a faculty grant-writing boot camp.

- Develop a comprehensive faculty handbook that makes tacit processes explicit.
- Facilitate meetings of scholars working with Indigenous communities.
- Continue to organize campus-wide symposia such as EHHD showcasing of CBPR Projects in Sept 2018 as part of the 125 Year Anniversary Celebration.

**EHHD Office of Research
Development: Strategic Plan
2017-18**

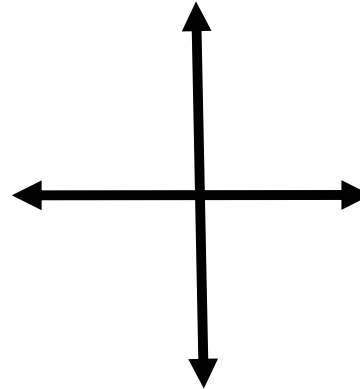
- **Dean**
- **Associate Dean of Research Development**
- **Project Development/ Grants Specialist**
- **EHHD Leadership Team**

Mentoring & Supporting

- Meet individually with new faculty re: research agenda and development
- Provide/coordinate mentoring for faculty re: research, grants, training and BOR center development
- Provide Pre-award assistance (office hours, provide training & workshops, resources, assist with writing/editing, facilitate group discussions, circulate opportunities, connect with OSP staff and forms, budget development and support, EPCF training)
- Provide Post-award assistance (post-award meetings (start-up meetings, university policies, program/planning meetings, workshops and training as needed)
- Coordinate student travel scholarship program
- Coordinate college research seed grant program in collaboration with EHHD leadership team
- Coordinate the external grant reader/reviewer program (market this program with new faculty mtgs)

Planning & Reporting

- Lead policy discussions and development for policies pertaining to faculty grant activities, such as the EHHD LOI, course buy-out policies, OSP policies, IPR, etc.)
- Collect and report data regarding EHHD scholarly activities (submissions, awards, expenditures, publications, presentations etc.)
- Collect and report data re: contacts with faculty
- Meet bi-monthly with Dean to discuss initiatives and provide updates
- Attend weekly EHHD leadership team meetings, and provide progress updates monthly



Marketing & Communication

- Lead development of EHHD scholarship marketing materials (the EHHD research story)
- Facilitate smooth relationships between faculty and college staff (HR and fiscal; university business office)
- Coordinate meetings with other college research coordinators /Assoc Deans
- Serve on Research Council (with VPRED)
- Serve on ADVANCE research capacity team (Suzanne Held)
- Attend OSP meetings and research facilitation network meetings
- Systematically collect and disseminate information on faculty research publications and grants in collaboration with EHHD communications (work with Office of planning and analysis and MSU library)
- Organize annual Research Symposium in collaboration with VPRED office

FUTURE GOALS:

- Monthly EHHD research council meetings
- Establish indigenous research working group
- Organize CBPR symposium for Sept 2018
- Develop Grant Writing Boot Camp/ Graduate Course
- Catalog of external awards appropriate for EHHD faculty
- Quarterly hard copy newsletter for EHHD alums
- Health Disparities cross-college symposium
- Training for conducting research with Indigenous communities

Research Culture

- Lead EHHD Research Council; regularly solicit input
- Assist with recruiting excellent research faculty by meeting with candidates
- Support 'Outstanding Faculty' scholarship presentations by familiarizing with work and professionally introducing speakers
- Send congratulations to faculty successfully submitting a grant
- Develop collective research agenda for EHHD; Foster a unifying research identity
- Facilitate EHHD faculty sharing their expertise and the forming of interdisciplinary teams
- Connect EHHD to MSU research initiatives as appropriate
- Publicize university opportunities for professional development
- Identify and match professional development opportunities with faculty needs

2017-18 : Short-term goals:

- Monthly research methods brown bags
- Monthly PI training workshops (HR, adv. Grant management etc.)
- Faculty Handbook with college policies (indigenous research, external grant review etc.)
- EHHD outreach impact map
- Publish Regular grant writing tips
- Connect research plan with Role and Scope Docs
- Mini-grant assessment report
- 2017 Research Report for VPRED; concept. frmwk
- Develop Plan for EHHD faculty mentoring program



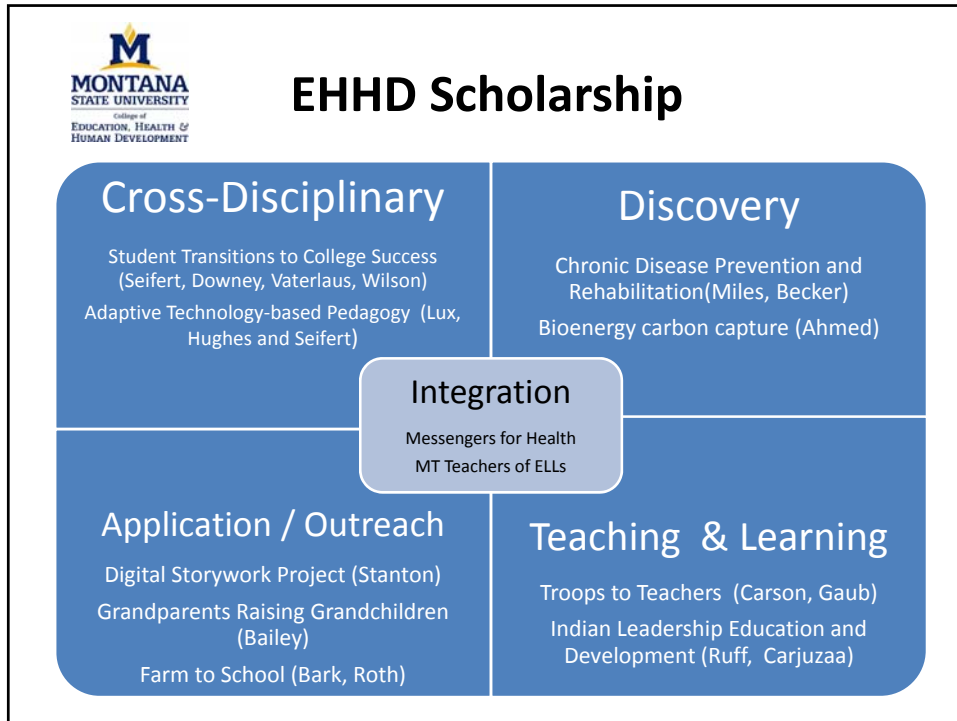
EHHD Office of Research Development Strategic Plan

Dean's Council, February 9, 2018

Alison Harmon, Dean
Bill Ruff, Associate Dean for Research Development
Elizabeth Bird, Project Development & Grants Specialist
Tricia Seifert, Head, Department of Education

EHHD Office of Research Development: Infrastructure to Support Scholarship





EHHD TALKS

MONTANA STATE UNIVERSITY
College of
EDUCATION, HEALTH &
HUMAN DEVELOPMENT

125 YEARS
MONTANA STATE UNIVERSITY
IN THE PEOPLE'S INTEREST



Ann Ellsworth



Ann Enbank



Sweeney Windchief

EHHD TALKS

TUESDAY, JANUARY 30, 2018 · 5:30 P.M.
MUSEUM OF THE ROCKIES HAGER AUDITORIUM

Please join us for a celebration of
outstanding teaching, research and engagement in the College of Education,
Health and Human Development



Mary Miles

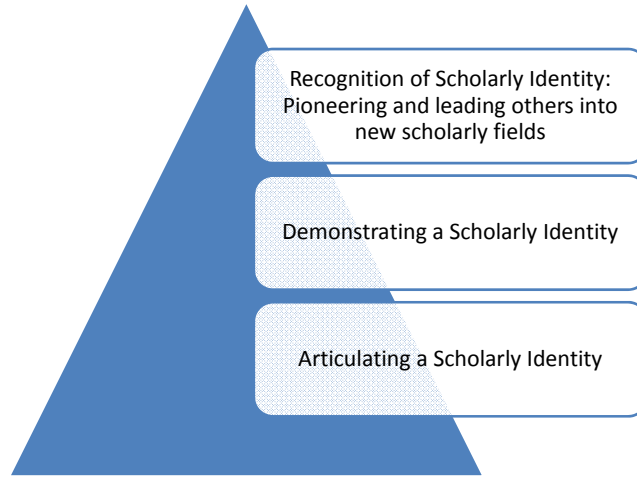


Kalli Decker

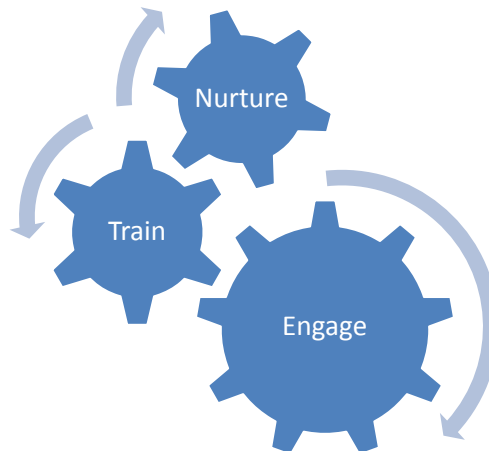


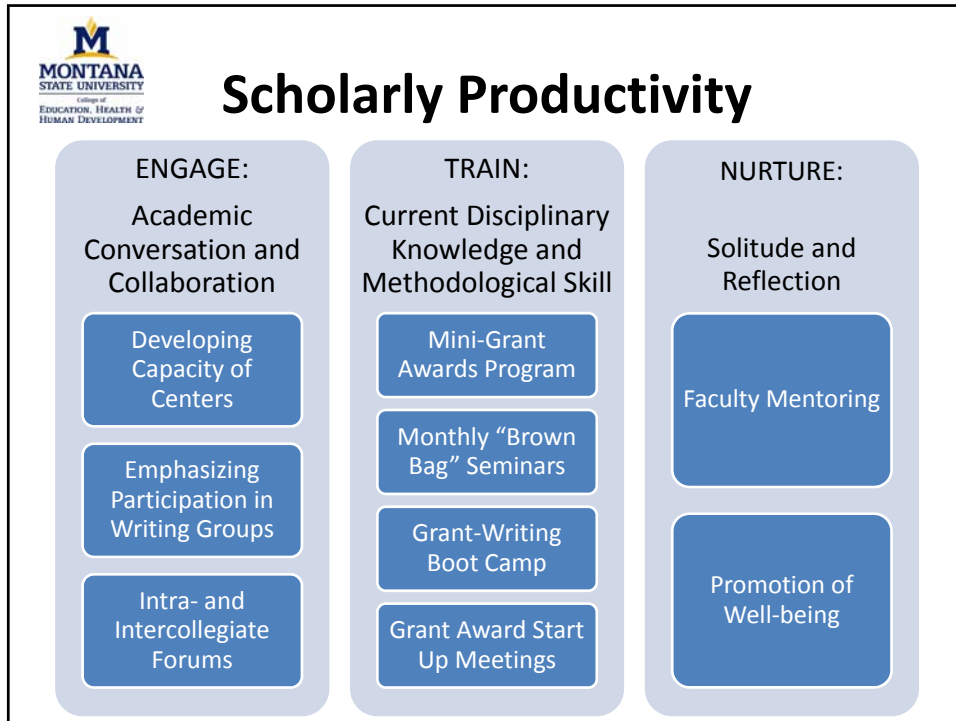
Suzanne Held

Scholarly Development (Underlying Assumptions of Role and Scope)



Facilitating Recognition





MONTANA STATE UNIVERSITY
College of
EDUCATION, HEALTH & HUMAN DEVELOPMENT

EHHD Office of Research Development Goals for 2018

- Continue to offer faculty research methods brown-bag seminars
- Blog/tweet tips for grant success
- Formalize a new faculty mentorship program
- Offer a graduate course on grant-writing combined with faculty "bootcamp"
- Develop a comprehensive faculty handbook (make the tacit explicit)
- Facilitate meetings of scholars working with Indigenous communities
- Continue organizing campus-wide symposia – next up: EHHD/CBPR projects, September 2018 (MSU 125th Anniversary celebration event)

**EHHD Strategic Goals Aligned with the MSU Draft Strategic Plan
(as of August 2018)**

University	College of EHHD
<p>INTENTIONAL FOCUS 2: Improve Lives and Society through Research, Creativity, and Scholarship</p> <p>Montana State University faculty, staff, and students are known for discovering, applying, testing and sharing knowledge and creative works that expand understanding and positively impact lives and society.</p>	
<p>GOAL 2.1: Enhance the significance and impact of scholarship</p> <p>MSU research and creative activity demonstrates impact on Montana’s and the world’s pressing challenges through application of our discoveries in communities, industry and organizations, as well as through academic indicators of the expansion of knowledge.</p> <p>METRICS and ACTIONS</p> <p>1. MSU will foster four Grand Challenges of Montana responsive to regional and global needs:</p> <ul style="list-style-type: none"> · Caring for our natural and built environment: environmental science, design, engineering, architecture and society · Caring for our communities: One Medicine, mental health and brain research, access and equity in education and health outcomes, community-based participatory research · Feeding the world: sustainable food systems, precision agriculture · Securing Montana’s future: cybersecurity, photonics and optics, defense and energy 	<ol style="list-style-type: none"> 1. EHHD will facilitate productivity and responsiveness to MSU’s Grand Challenges especially regarding “Caring for our communities” by leading the way in innovations toward “access and equity in education and health outcomes” as well as facilitating knowledge of and the use of a community-based participatory research (CBPR) orientations across the MSU campus. 2. Recognizing the challenges in gaining external support for CBPR projects due to an inability to specify clear product outcomes in a CBPR project proposal, EHHD will provide mini-grants to faculty for process outcomes that enable the collaboration with communities to develop product outcomes.

<p>2. MSU will define external outcome measures that reflect success in the Grand Challenge areas, e.g. changes in relevant state-wide indicators, by 2020, and will monitor these for demonstrated research-related improvement by 2024.</p> <p>3. MSU will enhance education of undergraduates and graduate students through increased participation in research, creative and entrepreneurial activities by 10% by 2022.</p>	<p>3. EHHD will facilitate productivity and responsiveness to MSU’s Grand Challenges especially regarding “Feeding the world” by clarifying the current realities, and leading efforts toward the creation of potential innovations.</p> <p>4. EHHD will increase the student engagement in research by providing financial support for student travel to regional, national, and international conferences.</p> <p>5. Faculty will be encouraged to include funding for undergraduate, graduate or post-graduate students in grant proposals.</p>
<p>GOAL 2.2: Expand interdisciplinary scholarship</p> <p>MSU research and creative activity increasingly spans traditional disciplinary boundaries to solve the world’s pressing challenges. Our interdisciplinary expertise as the University of the Yellowstone™ carries unique possibilities for inference, translation and impact.</p> <p>METRICS and ACTIONS</p> <p>1. MSU will secure at least one new interdisciplinary training grant or center grant for each Grand Challenge area by 2024.</p> <p>2. MSU will increase the grant expenditures associated with PIs in multiple academic units by 25% by 2022.</p> <p>3. MSU will increase the number of scholarly products that are authored or created by faculty from two or more academic units by 10% each year.</p> <p>4. MSU will increase the number of faculty who have multi-unit appointments or affiliations from 150 to 250 by 2024.</p>	<p>1. EHHD will sponsor at least one cross-campus activity per year to attract researchers from a variety of disciplines and encourages the development of cross-disciplinary scholarship.</p> <p>2. EHHD will give priority to mini-grant proposals to project teams with faculty from both Education and HHD departments.</p> <p>3. EHHD will explore, and if appropriate collaborate to develop, grant proposals that provide training or structural leadership for a Grand Challenge area.</p> <p>4. EHHD will continue its cultivation and expansion of faculty-led grant activity.</p>

	<p>5. EHHD will collaborate where appropriate to sponsor multi-unit faculty appointments.</p>
<p>GOAL 2.3: Strengthen institutional reputation in scholarship</p> <p>MSU’s success in scholarship results in increased state, national and international prominence.</p> <p>METRICS and ACTIONS</p> <ol style="list-style-type: none"> 1. MSU will annually increase scholarship standing when compared to peer institutions. 2. MSU faculty will be recognized as regional and national leaders in Grand Challenge areas by 2024. 3. MSU will demonstrate improved institutional reputation through the increased size of faculty applicant pools, increased diversity of applicant pools and increased ratio of offers accepted to offers made. 4. MSU will increase the number of faculty with membership among national academies, professional society fellows and state/federal/international advisory committees. 5. More MSU faculty and students will receive national and international awards, honors and prestigious scholarships. 6. MSU will increase its number of international projects and collaborations by 10% by 2024. 	<ol style="list-style-type: none"> 1. EHHD will increase awareness of professional recognition opportunities and nominate 10% more faculty members and students for regional, national, and international professional and disciplinary awards.

GOAL 2.4: Elevate expectations for scholarship

MSU faculty, staff and students hold themselves to the highest standards of research and creative productivity.

1. METRICS and ACTIONS

1. Colleges, departments and centers will set goals and document progress in their annual research reports by 2020.
2. MSU will have annual contract and grant expenditures exceeding \$200 million spanning all units by 2024.
3. Publications, presentations of creative works, translational research and creative activity and other evidence of dissemination of scholarship will meet or exceed peer benchmarks by 2024.
4. MSU will increase the number of research faculty, research staff, post-docs and graduate students funded on external contracts and grants by 2022.

1. EHHD will provide increased professional development and mentoring opportunities to faculty to increase each faculty members' scholarly reputation and productivity.
2. With an overall goal of engaging each faculty member in routinely publishing research, EHHD will establish baseline data during AY 18-19 as to the percentage of faculty members publishing each year and who they are collaborating with (such as students, colleagues within the same discipline, colleagues in other disciplines, etc.). This baseline data will be analyzed to establish progressive and realistic faculty engagement goals in each of the disaggregated categories.

EHHD Research Themes: Well-Being of Diverse Populations

Note: Most categories below include faculty or program leaders from both Education and Health & Human Development.

Student Success and Educational Research Themes - 2017

- Bilingual & Multicultural Education
 - Advancing educator competencies on behalf of multicultural learners (Carjuzaa, Hunts, Ruff)
 - Cultural immersion service learning (Bangert, Carjuzaa, Ruff, Stanton)
 - Culturally responsive teaching (Carjuzaa, Stanton)
 - Indian Education for All (Carjuzaa, Hunts, Stanton)
 - Indian Leadership Education and Development (ILEAD - Ruff)
 - Pre-service teachers' understanding of student equity (Ellsworth, Pennington)

- Quality Counselor Preparation
 - Counselor identity and competency development (Elliott, Hurt-Avila)
 - Counselor practicum student wellness (Koltz, Wathen)
 - Pedagogy in counselor development (Dunbar, Elliott, Franklin, Hurt-Avila, Koltz, Tarabochia)

- Quality STEM P-12 and Undergraduate Education
 - Developing engineering students' leadership skills (Hughes)
 - Inclusive technologies in classroom environments (Kalonde)
 - Interdisciplinary programs impact (T. Seifert)
 - Students' complex problem-solving (Brody)
 - Public health data presentation skills (Becker)
 - Teaching scientific culture (Carson)
 - Technology-based pedagogy (Hughes, N.Lux, T. Seifert)
 - Undergraduate Indigenous students in STEM (Hunts, Myers, Windchief)
 - Underrepresented groups in STEM (Held, Hughes)

- Quality Teacher, Administrator and Coach Preparation
 - Administrator perception of teacher preparedness (C.Lux)
 - Coach leadership and athletic program goals (Stewart)
 - Effective teacher development (consumer science, math and technology) (Luo, N. Lux, Osborne)
 - Infant/toddler developmental needs in pedagogy (Decker)
 - Fostering English writing skills and reading proficiencies (Carjuzaa, Ellsworth, Herbeck, Pennington)
 - Negotiating challenges in history education (Stanton)
 - Policy and gaps in educational leadership (Decker, Ruff, Versland)
 - School leader self-efficacy and identity (Henderson, Versland)
 - School library advocacy (Ewbank)
 - Troops to Teachers (Carson, Gaub)

- Student transitions success - to college and career

- Dual-enrollment policies and practices (Myers, Waterton)
- Effects of college on students (T. Seifert, Vaterlaus)
- Gender and sexuality identity in students' experiences (Hughes)
- High school to college and career (Downey, T. Seifert, Vaterlaus, Wilson)
- Way-finding in Higher Education/Blueprints for success (T. Seifert)

Educational Institutions' Success Themes - 2017

- Educational and Scientific Program Evaluations (Hunts, Myers)
- Higher education responses to fair labor standards (Van Schenkhof)
- Rural schools improvements
 - Early Childhood Project (Jensen)
 - Library practices (Ewbank)
 - (Center for) Research in Rural Education (Downey, Versland, Schmitt Wilson, Waterton)
 - School and student health improvement (Ahmed, Bark, Byker Shanks, McMilin, Nelson, Tarabochia)
 - Team Nutrition (Bark)
 - Technology integration (Kalonde)
- Socio-economic/quality of life impacts in higher education
 - Academic integrity in physical activity courses (Stewart)
 - Campus sexual assault (Elliott)
 - Family life in higher education instruction (Myers)
 - Family science education (Vaterlaus)
 - Indigenizing higher education (Windchief)
 - Indigenous research methods (Stanton, Windchief)
 - Peer assessment in pedagogy (Van Schenkhof)
 - Tribal colleges and universities – unique leadership education needs (Windchief)

Thriving Individuals, Families & Communities Themes - 2017

- Chronic Disease Prevention and Rehabilitation
 - Apsaalooke Messengers for Health – Chronic disease management (Held, Schure)
 - Cardio-metabolic disorders (Heil)
 - Diabetes management and self-efficacy (Held, Schure, Simonds)
 - Diet & exercise interactions; inflammation (Miles)
 - Mental health disorders management (Dunbar, Schure)
 - Obesity, diet and physical activity (Byker Shanks, Miles, Paul, J.Seifert, Vaterlaus)
- Culturally Responsive Health Research
 - Apsaalooke environmental (water) health literacy project (Simonds)
 - Digital Storywork Project (Stanton)
 - Fort Peck buffalo connections project (Bird, Rink)
 - Indigenous geriatrics (Schure)

- Indigenous research methods (Held, Schure, Simonds)
- Rural/American Indian food environments and nutrition education (Ahmed, Byker, Hunts)
- Sexual & reproductive health in Indigenous communities (Rink, Simonds)
- Environmental Care
 - Climate change and the water-energy-food nexus (Ahmed)
 - Environmental behaviors (Bangert, Simonds)
 - Environmental education (Brody, Simonds)
 - Sustainable agricultural practices (Ahmed)
 - Sustainable food systems – education and advocacy (Harmon)
- Family Well-Being
 - Breast feeding among SNAP recipients (Byker Shanks)
 - Early childhood disability and development interventions (Decker)
 - Early childhood language and hearing impairment responses (Decker)
 - Early Childhood Project (Jensen)
 - Gerontology (Tarabochia, D. Koltz, Osborne)
 - Grandparents Raising Grandchildren (Bailey)
 - Media in relation to adolescent and family well-being (Vaterlaus)
 - Socio-economic nutrition barriers (Harmon)
 - Substance use disorders (Dunbar, Rink)
- Hospitality
 - Consumer science (Hunts, Kim, Van Schenk Hof)
 - Employee behavior (Kim, Van Schenk Hof)
 - Environmental trends (Kim)
 - Food preparation and nutrition (Gaston, Kuo)
- Physical conditioning and biomechanics
 - Biomechanics analysis (Becker, Heil, J.Seifert)
 - Individual physical conditioning (Becker, Heil)
 - Personality and performance (Owens)
 - Sleep outcomes measurement (Heil)
 - Sports medicine (Becker, Heil, J.Seifert)
- Rural well-being
 - Health perceptions in rural Montana (Held)
 - Mental health education (Bailey)
 - Remote mental health treatment (Schure)
 - Rural nutritional environments (Bark [Team Nutrition], Byker Shanks, McMilin, Vaterlaus)
 - Suicide Prevention (Bailey, Schure)
 - Youth life values (Schmitt Wilson)
- Value-Added Local Food Systems
 - Dietician preparation (Anacker, Byker, Diffenderfer Kaiser, McMilin)

- Farm to School (Bark, Byker Shanks, C.Lux, Roth)
- Foods genetic diversity (Ahmed)
- Food safety (Paul)
- New Montana food products (Bangert, Harmon, Hunts, Kuo)

EHHD Research Centers

Center for Research on Rural Education Annual Report January – December 2017

Center Name

Center for Research on Rural Education

Mission of the Center

To collaborate with Montana's rural PK-12 schools/districts, universities, tribal colleges, and state agencies to conduct and disseminate research to support and strengthen rural education and leadership in the state of Montana and across the nation.

Director

Jayne Downey, PhD

Key Staff

None at this time.

Affiliated Faculty

Tena Versland, EdD
Ann Ewbank, PhD
Sarah Schmitt-Wilson, PhD
Jennie Luebeck, EdD
Nigel Waterton, EdD

Center Accomplishments and Significant Events during 2017

Grants Submitted in Collaboration with Montana's Rural Schools and Agencies in Support of CRRE Rural Programs and Research

1. Versland, T. & Downey, J. (2017). *Implementing an Induction Model for New Leaders in Montana's Schools*. Grant proposal submitted to Title II-A, Improving Teacher Quality Grant, Montana Office of the Commissioner of Higher Education. \$85,000 funded.

2. Waterton, N. & Seifert, T. (2017). *MSU Bozeman EDU 101 Hi-Line Dual Enrollment*. Grant proposal submitted to Title II-A Improving Teacher Quality Grant, Montana Office of the Commissioner of Higher Education. \$51,472 funded.
3. Ewbank, (2017). A. American Library Association, Carroll Preston Baber Research Grant, *Rural K-12 Educator Teams' Perceptions and Understandings of Effective School Library Programs*. \$3,000, not funded.
4. Downey, J., Luebeck, J., Ewbank, A., Versland, T. & Schmitt-Wilson, S. (June 2017). *Rocky Mountain Rural Teaching Academy*. Grant proposal submitted to the US Department of Education, Office of Innovation and Improvement, Supporting Effective Educator Development (SEED) Program. \$6.7 million, not funded.
5. Brenner, D., Elder, A., Azano, A., Downey, J., Harmon, H., Hitchcock, J., Johnson, J., & Pratt, A. (September 2017). *National Research and Development Center: Improving Rural Education in the Deep South, Appalachia, and the Montana Frontier*. Proposal to the U.S. Department of Education National Research and Development Center: Improving Rural Education program. \$9.9 million not funded.

Publications to Disseminate Rural Education Research Findings

1. Versland, T. & Erickson, J. (2017). Leading by example: A case study of the influence of principal self-efficacy on collective efficacy. *Cogent Education*, 4, 1, 1-17.
2. Luebeck, J., Roscoe, M., Cobbs, G., Diemert, K. & Scott, L. (2017). Re-envisioning technology as a learning medium in mathematics: Teachers' performance, perception, and practice in blended professional development. *AACE Journal of Technology and Teacher Education*. Association for the Advancement of Computing in Education: Waynesville, NC.
3. Wynhoff Olsen, A., Waterton, N., & Long, D. (2017). Confluence: Merging rural perceptions and experiences. *MATELA Update* 41, 1, 9-11.

Research Presentations to Disseminate Rural Education Research Findings

1. Downey, J. (2017). *Resilience in rural education: Continuity and change across 80 years*. Presented at the annual meeting of the Society for Provision of Education in Rural Australia, Canberra, Australia.
2. Downey, J., Schmitt-Wilson, S., & Beck, A. (2017). *Rural youth and educational attainment: Elevating the conversation*. Presented at the National Forum to Advance Rural Education at the annual meeting of the National Rural Education Association, Columbus, OH.
3. Fisher, H. & Downey, J. (2017). *Effective writing instruction with high poverty middle school students: A mixed methods study*. Presented at the annual meeting of the Northern Rocky Mountain Educational Research Association, Boulder, CO.
4. Downey, J. (2017). *Rural resilience: The role of schools and relationships across three generations*. Presented at the 22nd National Congress on Rural Education, Saskatoon, SK, Canada.
5. Ewbank, A. (2017). *Context matters: The advocacy practices of rural school librarians*. National Forum to Advance Rural Education, National Rural Education Association, Columbus, OH (October 12-14, 2017).
6. Ewbank, A. (2017). *Context matters: School librarians' advocacy practices in rural America*. American Library Association Annual Conference, Library Research Round Table, Chicago, IL (June 22-27, 2017).

Invited Presentations Addressing Issues & Challenges in Rural Education

1. Groom, L., Roberts, P., Downey, J., & Ledger, S. (2017). *Translating policy into rural settings*. International Plenary Panel, 33rd National SPERA Conference, Canberra, Australia.
2. Downey, J. & Aiken, E. (2017). *Building strong partnerships: Key turning points*. Presented at the Collaboration for Effective Educator Development Accountability & Reform (CEEDAR) Center Cross-State Convening, Chicago IL.
3. Downey, J. (2017). *MSU's Center for Research on Rural Education: Current research and resources for Montana's County Superintendents*. Presented at the Montana Association of County Superintendents of Schools (MACSS) Winter Conference, Helena, MT.
4. Versland, T. (2017). *MSU Outreach Efforts to Rural Schools*. Montana Council of Education Leadership, Billings, MT.

Technical Reports in Support of Montana's Rural Schools

1. Downey, J. (2017). *Staffing Efficiency Review*. Prepared on behalf of the Bainville School District, Bainville, MT.

Website Development

We designed and launched a new website for the CRRE to showcase the work of the Center and communicate with our stakeholders across the state
<http://www.montana.edu/crre/index.html> .

International Symposium Planning

We spent four months in 2017 making preparations to host the International Symposium for Innovation in Rural Education (ISFIRE) 2018 to be held at MSU August 1-3, 2018.

Launch of the Rural Practicum

13 students participated in the inaugural Rural Practicum and were introduced to the opportunities available in Montana's rural schools through an immersive field experience in the Bakken area in May. Participating communities included Bainville, Froid, Culbertson, Fairview, Sidney and Savage.

Continuation of the Rural Colloquium

Launched in December 2016 with Superintendents from rural Montana districts, the Rural Education Colloquium continued in April and December 2017 with Superintendents from across rural Montana. This event provides a networking lunch, interactive panel conversation, and in-person interview opportunities for graduates to learn about the benefits of teaching in one of Montana's rural communities.

Expanded Offering of EDU 101

- With a Title II grant from OCHE, we offered a "train the teacher" model to expand EDU 101 Teaching and Learning dual enrollment to 13 school districts in NE Montana and along the Hi-Line.
- Introducing students to the teaching profession (complete with college credit) while in high school provides a clear pathway for students to envision their success in college and the opportunity to contribute to their home community by returning to teach.

- 13 rural districts offered EDU 101 as a dual enrollment course in Fall 2017.

Editorship of the Australian and International Journal on Rural Education

After serving for a year as a consulting editor for the Australian and International Journal on Rural Education, I was given the opportunity to move up to serve as the Chief Editor – Review for the AIJRE. This has been an incredible opportunity to serve the rural education research community around the globe.

Major Objectives for 2018

It is our firm belief that nothing is more central to Montana's future than sustaining and strengthening the quality of our P-20 system of education. Given that 75% of Montana's schools and 96% of our districts are classified as small rural (Johnson, Showalter, Klein, & Lester, 2014), the CRRE will continue to fill a critical need for rigorous educational research and service supporting Montana's rural schools and communities as they provide a high quality education for every child.

To that end, the 6 major objectives for the CRRE in 2018 are:

1. Serve Montana's rural school and communities through the continuation of innovative programs including: Rural Practicum; Rural Colloquium; EDU 101
2. Develop and test new innovative programs for rural schools and communities including Rural Field Experience.
3. Pursue grant funding to support innovative programs and research for rural schools & communities.
4. Continue to conduct research around the issues of:
 - a. Preparing new PK-12 teachers & leaders for rural contexts
 - b. Developing resources for Montana's rural teachers & leaders
 - c. Supporting Montana's rural communities
5. Disseminate our research findings through multiple venues across state, national, and international contexts.
6. Build our state, national and international network of rural researchers through:
 - a. International Symposium for Innovation in Rural Education 2018
August 1-3, 2018 at MSU
<http://www.montana.edu/crre/isfire2018/index.html>
 - b. Ongoing Editorship of the Australian & International Journal of Rural Education
 - c. Formation of the Rural Education International Research Alliance (REIRA) -- Building an international evidence base to best inform and enable future policy and practice to meet the needs of all rural students, their families, and communities – members from: Australia, USA, Scotland, Norway, Canada.

CBME 2017 Center Report for the Annual College Research Report

Center Name: The Center for Bilingual and Multicultural Education

<http://www.montana.edu/carjuzaa/cbme/cbme.html>

Mission of the Center: The Center for Bilingual and Multicultural Education (CBME) has been revitalized to support the Montana State University (MSU) community and tribal nations across Montana by generating multiple funding streams focusing on the following program areas: revitalization and maintenance of Indigenous languages, facilitation of culturally responsive pedagogy in k-12 schools including the integration of Indian Education for All across the curriculum in all content areas and at all levels, academic support for American Indian English Language Learners, as well as a variety of projects designed to promote social justice by increasing cultural sensitivity.

Director: Executive Director, Dr. Jioanna Carjuzaa

Key Staff: Associate Director, Dr. William Ruff

Director of Administration: Richard Dendinger

Administrative Associate: Nancy Hystad

Technology Coach: Kayce Williams

Work Study Student: Jeb Fillinwider

Work Study Student: Hayden Miller

Work Study Student: Madeline Gage

Affiliated Fellows: Dr. David Henderson, Dr. Kalonde Gilbert, Dr. Christine Rogers Stanton, Dr. Lucia Riccardelli, Kayce Williams, Janelle Rasmussen

Center Accomplishments and Significant Events during 2017:

Hired CBME Staff:

Director of Administration: Lisa Perry was hired and started in June 2017. Administrative Associate: Nancy Hystad was hired and started mid-March. Technology Coach: Kayce Williams was hired for Summer 2017 semester to help with MontTELLs and ILEAD grants. Three Work Study Students were hired in August 2017: Jeb Fillinwider, Hayden Miller and Casandra Lamas. Casandra left at the end of Fall 2017 and was replaced by Madeline Gage during the Spring 2018 semester.

CBME Open Houses: Planned and held two open houses for students, faculty and staff, one each semester in addition to weekly luncheons on Wednesdays and/or Fridays.

CBME Society of Indigenous Educators SINE Meetings

- Helped SINE members write proposal to present at World Indigenous Peoples conference on Education (WIPCE) in Toronto in July 2017
 - Fundraising for WIPCE Conference in Toronto. Raised \$19,000+
 - Accompanied five SINE members to attend and present at the conference
- Mentored SINE members to present with Mike Jetty and me at IEFA Best Practices conference in Helena, February 2017

- Planned and held the 21st Indian Education for All workshop for the MSU community in October; invited guests, SINE members and Dr. Martin Reinhardt

CBME Advisory Council Meetings

- Sunday, February 19, 2017 – arranged to meet in Helena at the IEFA Conference
- In addition to the Advisory Council members, Drs. Jan Perry Evenstad and Marcella Chipman from the Western Educational Equity Assistance Center at Metropolitan State University in Denver attended.

Invited to present at and attend Council of Elders meetings, April 13th-14th, 2017

- **CBME Grant Updates:**
 - ILEAD started in 2006; we are now on the fourth cohort. Recruitment has been on-going, as have classes. Four students graduated in Spring 2018 with two more in line to graduate soon. There will be about 10 graduates in December 2018 and another 5 or so in Spring 2019. Dr. Ruff has chosen to increase enrollment to 30. There will be another grant announced soon and Dr. Ruff plans to apply for that grant and recruit 15 or more from participants from South Dakota.
 - MontTELLs started in 2016. Intervention I, Cohort 1 started with 12 participants, we had 8 in classes at MSU last summer, and lost two more so 6 will come back to campus this summer to finish their coursework for a Culturally and Linguistically Diverse Education (CLDE) certificate. One additional Instructional Coach was hired. There will be 27 students for Intervention I Cohort 2 this year. We have 10 participants enrolled in the online course with OPI (Intervention II). The Office of English Language Acquisition (OELA) in the Department of Education expressed concern over ‘double dipping’ (i.e. recruiting participants from schools already receiving Title III funding from the federal government) so we had to stop recruiting participants from some schools from our original Consortium partnerships, so we are recruiting across the state.
 - Spencer Foundation Grant
 - *The Cogent Education*, special issue on **Revitalization of Indigenous Languages: Designing and Facilitating Immersion Programs** came out in December 2017. All articles in the special issue can be accessed at <https://www.cogentoa.com/collection/revitalization-of-indigenous-languages-designing-and-facilitating-immersion-programs>
 - We were awarded a grant from the Western Education Equity Assistance Center (WEEAC) at the Metropolitan State University of Denver to provide honorariums for presenters in the Webinar Series which ran from March 13th– May 1st. All sessions were recorded and can be accessed from our web site <http://www.montana.edu/carjuzaa/cbme/cbme.html> The IEFA Fall Workshop and the Council of Elders Meeting are scheduled for October 25th-26th, 2018. Plans are not confirmed yet, but we are hoping to have all of the scholars/ authors who contributed an article to the special issue on Indigenous Language Revitalization and presented a webinar come to MSU in October and present at the IEFA fall professional development workshop and meet with the Council of Elders.

- SINE – presented at the IEFA Best Practices Conference in Helena in March. Thanks to Mike Jetty for including SINE members in his Indians 101 workshop. SINE members also presented at MIEA in Billings in April. We submitted a proposal to present at the fall NIEA convention in Hartford, CT in October 2017. It was accepted in June 2018.
- Digital Storywork Project – Working with Drs. Christine Rogers Stanton, Lucia Ricciardelli and Brad Hall. Funding for this grant is from an MSU College of EHHD SEED Grant. We have done some real interesting work with Blackfeet Community College and Buffalo Hyde Academy in Browning as well as with students in the Pryor School District. We have also been working with language revitalization efforts, recording elders and working on language lessons with Gerald Gray, Sr. and Chippewa elders. We have also worked with Dr. Lanny Real Bird, who is working with 5 or 6 language communities. We are looking for additional funding.
- **Work on other grants to support Advisory Council members and secure funding for the CBME projects:**
 - MSU Fulbright TEA Proposal with Janelle Rasmussen
 - First Nations Development Institute, Native American Language-Immersion Grants with Dr. Richard Littlebear
 - Northern Michigan University (NMU) Center for Native American Studies and Office of Diversity and Inclusion grant proposal for the National Science Foundation INCLUDES Alliance – collaborate with Biidaaban Reinhardt and April Lindala at NMU
 - The Administration for Native Americans' (ANA) Native American Language Preservation and Maintenance grant, The Salish Language Education Development Program, provide letter of support for Dr. Michael Munson
 - U. S. Department of Education, Native American and Alaska Native Children in School Program (NAM) Grant, collaborate with Jay Eagleman, Rocky Boy
 - Landmarks of American History and Culture: Workshops for School Teachers Grant -- *Re-envisioning the Madison Buffalo Jump: Digital Storywork Institutes for Teaching Landmarks of American History and Culture*, collaborate with -Dr. Christine Rogers Stanton
 - Emma Dyksterhouse, MSU Council of Elders, Indigenous Language Revitalization Proposal
 - EFAC/CFAC proposal – equipment for the CBME, awarded
 - SINE – ASMSU Mass Funding Grant, not funded

Presentations:

- 14 SINE members/other undergraduate and graduate students attended IEFA Best Practices Conference in Helena in March with me and 6 presented with me and Mike Jetty in 3-hour workshop, American Indians 101
- 8 SINE members and MontTELLs participants attended MIEA with me; SINE members presented with me on American Indians in Higher Education; MontTELLs participants shared their experience in the CLDE certificate coursework during my MontTELLs presentation on academic literacy

Major Objectives for 2018:

(What are you planning to accomplish this year)

- Grants:
 - MontTELLs
 - Complete and submit reports – as required
 - Lead Instructional Coaches Meetings
 - Lead weekly team meetings
 - Continue recruiting presentations; follow-up calls, emails, application reviews, contacts, visits
 - Visit all Cohort 1, and Cohort 2 Intervention I participants
 - Continue working with OPI Assessment Coordinator and Title III Coordinator; recruit for Cohort 2 and Cohort 3, Intervention II participants
 - Hire and train new Instructional Coach(es)
 - Work with new Director of Administration, Technology Coach and summer research assistant
 - Hire and coordinate with instructors for summer courses
 - Ordered/delivered/mailed textbooks, coordinated printing of articles/support materials, coordinated with participants
 - ILEAD
 - Conference with Cohort 4 participants, Dr. Hollie Mackey, ILEAD graduates, and Tribal College Presidents, March 23rd
 - Create ILEAD Directory for Cohorts 1-4 with updated degrees/certificates, contact information, employment, photos, testimonials
 - SINE
 - Scheduled presentations
 - NIEA, Hartford, Ct., October 10th – 14th
 - MEA/MFT, Billings, MT, October 18th-19th
 - MIEA, Billings, MT, TBA
 - Digital Storywork Project
 - Planned workshops for Pryor, Great Falls, Billings, Browning this spring and follow up workshops to take place this summer
 - Reviewed Christine's Scholarship and Creativity grant for additional storywork funding
 - Plan, coordinate and host IEFA Fall Professional Development Workshop/Council of Elders Meeting, October 25th-26th, 2018

SINE/CBME Meetings

- Biweekly luncheon meetings
- Special Events
 - Hosted Open House on February 9th
 - Hosted 'Come Study in the CBME Finals Week' luncheon, April 16th
 - Plan for Fall 2018 open house

- Purchase and set up equipment awarded through EFAC/CFAC grant
- Continue Monday CBME Team Meetings with: Nancy Hystad, Kayce Williams, and work study students -- Jeb Fullinwider, Hayden Miller and Madeline Gage
- Attended and presented at 12th Annual Indian Education for All Best Practices Conference in Helena, March
- MEA/MFT Conference, Billings, October 18th, 19th
- NIEA Convention, Hartford, CT

Professional Development for Class 7 Language and Culture Teachers:

- Continue to explore funding possibilities for Class 7 Teachers Professional Development Institute
- Share Class 7 Teachers Professional Development Webinars
- Look into reinvigorating MABE

Council of American Indian Programs (CAIP) Research Committee at MSU – Dr. Ruff

- Recruiting board members and holding meetings

Advisory Council Meeting

- Plan and hold September meeting

EHHD Internal Grants Program

Internal grants were awarded during the 2017-18 academic year to encourage the development of 4 different types of projects: Community Based Participatory Research; Integrating Research, Teaching, and Community Engagement; Research & Creativity; and Transformational Teaching.

Internal Grants Awarded 2017-18:

	FACULTY	PROJECT TITLE	Type of Grant	AWARD
1	Carmen Byker Shanks Selena Ahmed Mary Stein Open & Local Coalition Students	Collaborating Cross-Sector to Enhance the Sustainability of Montana's Local Food Systems	CBPR Seed Grant	\$18,125
2	*Coleen McMilin Anna Diffenderfer Coleen Kaiser Marcy Gaston	Inter-professional Education: Farm to Clinician, a Culinary Medicine Approach to Healthcare	CBPR Seed Grant	\$20,035
3	Tena Versland Nick Lux Joe Hicks John Melick	Recruiting and Retaining Outstanding Teachers for Montana's Rural Communities: The Rural Practicum Experience Part II	CBPR Seed Grant	\$20,000
4	Selena Ahmed Carmen Byker Shanks Bob Quinn	Launching the Kamut and Health Research Consortium	Research Seed Grant	\$6,000
5	*Wan-Yuan Kuo	Developing Lower-Glycemic Crackers Using Montana Lentils	Research Seed Grant	\$6,000
6	*Kara Hurt-Avila	A Qualitative Analysis of Counselor Educators' Involvement in Professional Development Activities	Research Seed Grant	\$6,000
7	*Sunny Kim	A Measure of Intercultural Sensitivity for Hospitality and Retail Organizations: Scale Development and Validation (tentative)	Research Seed Grant	\$6,000
8	Dawn Tarabochia Mitch Vaterlaus Mary Miles	Technology use and health behaviors among first year college students: a follow-up study	Research Seed Grant	\$5,930
9	*Jim Becker Scott Monfort	Establishing the EHHD/COE Motion Analysis Laboratory	Integration Mini-grant	\$9,958
10	Ann Ellsworth Ann Ewbank	Lessons Learned from Finland's Approach to Pk-12 Teacher/School Librarian Education: An Integrative Approach	Integration Mini-grant	\$8,250
11	*Ed Dunbar	Exploring factors associated with mental health professionals' attitudes toward clients with antisocial personality disorder	Research Seed Grant	\$6,000
12	*Sarah Pennington	The effect of a melodic learning reading intervention on reading achievement and motivation to read	Research Seed Grant	\$10,750
13	Jim Becker & Mary Miles	Biomechanics and inflammatory markers during and after a long hilly run in minimalist, traditional, and ultra-cushioning shoes	Research Seed Grant	\$6,750
14	Tricia Seifert	Gaming Your First Year of College	Research Seed Grant	\$5,187

15	Kalli Decker	Creating a Unified Vision of the Role of Montana's Early Intervention Family Support Specialists	Research Seed Grant	\$750
16	*Wan-Yuan Kuo	Strengthening the Montana State University Farm to Campus Program via Food Product Improvement Research and Education	Integration Mini-grant	\$9,539
17	Ann Ellsworth	Exploring the Intersectionality of Culture and Language for Teachers of English Language Learners	Integration Mini-grant	\$8,217
18	Jayne Downey	Innovative Technology to Transform Rural Teacher Preparation, Recruitment, and Retention	Transformational Teaching Mini-Grant	\$3,915.40
19	Ann Ewbank & Ann Ellsworth	Transforming study-abroad: Bookmaking as a reflection and celebratory experience	Transformational Teaching Mini-Grant	\$2,321.00
20	Wan-Yuan Kuo	What's culture's role in food science education? Combining social science and science approaches in teaching Experimental Foods	Transformational Teaching Mini-Grant	\$4,943.00
21	Nick Lux	Google Certified Education Level I and Level II	Transformational Teaching Mini-Grant	\$3,517.00
22	Nicole Wanago	Principles & Practices of Effective Outreach: Parenting & Family Life Education	Transformational Teaching Mini-Grant	\$3,011.99 (+ Shipping)
23	HMCA Group: Matt VanSchenkof, Marcy Gaston, Sunny Kim, & Wan-Yuan	CHE Certification for HMCA Faculty and Curriculum Retreat	Transformational Teaching Mini-Grant	\$6,210
TOTAL				\$177,409

*New faculty

EHHD Internal Grants Assessment Report for FY 2016 and 2017

Purpose Statement

During fiscal years (FY) 2016 and 2017, a total of 23 internal grants were awarded within the College of Education, Health and Human Development (EHHD) investing a total of \$156,964 derived primarily from the proceeds of indirect costs from grant expenditures distributed to EHHD from the MSU Office of Vice President for Research and Economic Development. In FY 2016 a total of nine 1-year grants were awarded amounting to \$28,089. Four of these grants were research seed grants and five grants for service learning / student success projects. In FY 2017 a total of 14 grants were awarded. Seven of the grants were 1-year grants amounting to \$25,867 of which four were research seed grants and the remaining three were for transformational teaching projects. The remaining seven grants were 2-year grants focusing on community-based participatory research (CBPR) projects amounting to \$103,008. The purpose of this report is to evaluate the impact of FY 16 and FY 17 programs in terms of research productivity, the development of research capacity attributable to the internal grant program, and the contributions of the funded projects to the land grant charter of Montana State University and the EHHD mission.

Methods

A questionnaire was developed during fall 2017 and electronically distributed to each of the primary investigators (PI) awarded an EHHD internal grant during FY 2016 and 2017. Follow up emails were sent in January 2018. The questionnaire asked about the number and type of presentations, the number and type of publications, and the number and type of grants proposed and awarded as a result of the EHHD funded project. Additionally, the questionnaire asked PIs about their perceptions of the project in terms of furthering research, teaching, and outreach, as well as enhancing their professional development and scholarly reputation and the college's mission. The PIs from 18 of the projects responded providing the information and their perceptions of the projects' outcomes. Reasons for some PIs not responding included separation from MSU and extended medical leave. Raw survey data is available upon request.

Results

Return on Investment calculated solely upon grant dollars awarded from the internal grants was **268%**; in other words, for each dollar spent in EHHD's internal grant program, \$2.68 was awarded from other funding sources. It should be noted that this return on investment was accomplished within less than 18 months from award for more than half the internal grants, and seven of the internal grant projects were still open as the data for this report was being collected. More broadly, the data gathered from 18 of the 23 projects demonstrated that the internal grant award program increased research productivity in terms of presentations, publication, grant proposals, and grant awards. Specifically, **62 scholarly presentations** were made as a result of the internal grant projects. Twenty-one of these presentations were local, 10 were made to audiences at state-wide venues, 24 at national-level venues and 7 presentations provided to international audiences. At the time of the returned questionnaires, a total of **seven publications** were developed for peer reviewed journals from internal grant projects. Three were published, two are currently under review and the remaining two were being finalized for submission. Regarding the generation of funded research activity, **27 grant proposals** were submitted with a value of approximately **\$18M**, and to date, ten grants valued at **\$421K** have been **awarded**.

In addition to directly increasing the research productivity of EHHD, there is evidence that the internal grant program has **increased the research capacity** of the college as well. This increased capacity occurred in the development of **interdisciplinary collaborations**, and the establishment and extension of **partnerships** with state agencies, non-profit organizations serving Montana, tribal agencies, rural schools, national and international rural school networks, and tribal colleges. Another domain of evidence supporting the claim that the internal grant program increased research capacity is seen in the PIs' comments about their lessons learned from the internal grant projects. Most of the **PIs** noted that they **gained specific skills in grant writing and grants administration** through experience in developing and executing a research project budget, supervising student researchers and managing their time. For example, one PI conveyed the sentiments of many of the PIs in writing: "Implementing this project has helped me gain additional skills related to budgeting and thinking realistically about the costs associated with different types of research design. It has given me additional experience with grant management, which supported my skills to apply for a larger grant." Another PI commented on how the internal grant project **increased the focus of her research agenda**. She wrote, "This project has become my central area of scholarship. It encompasses everything I believe about the dynamic (and challenging) process of community-centered participatory research, promotes powerful learning for everyone involved, and has led to multiple opportunities for recognition (not something I expected at all)."

The projects funded by the EHHD internal grant program have **enhanced the success of the EHHD mission** by facilitating excellence in research, teaching, outreach and their integration. Several PIs noted that the internal grants they received **increased student opportunities, efficacy, and improved cultural sensitivity**. The internal grants also **increased opportunities and visibility for faculty members**. In regard to outreach, one faculty member wrote, "[The project] led me to the opportunity to be a Tribal Consult in Washington, DC - and to meet with an ad hoc group of the National Congress of American Indians. That opportunity led to being an invited speaker at the 1st Annual Native American Nutrition Conference - that led to being invited to speak at the Intertribal Ag. Council - and that led to lots of other connections... and the other people I got ... are top level national people." Another PI addressing outreach wrote, "The funding has allowed us to give support to local facilitators to teach the 8-session Parenting a Second Time Around and the 6-session GrandCares program. This is essential to give local support to pay for expenses associated with the classes." Regarding teaching, a PI wrote, "This project inspired me to apply for a sabbatical so that I could further research the study-abroad experience. I am now contacting students from all 5 trips to determine the long-term effects of the study-abroad experience, both personally and as related to teaching." Another PI wrote, "Getting people to talk about the "hidden curriculum" and the need to make it explicit before students begin college has been a success. I wouldn't have anticipated how valuable the experience was for graduate students to feel they could really conduct research." Regarding the integration of service and research, one PI wrote, "This project helped to open doors for national and international research collaboration addressing rural teacher preparation. It also paved the way for me to be selected to serve as [journal] Chief Editor."

Though data were collected in fall/winter 2017-18, we know additional grants and publications have resulted from these internal grants in the months since the faculty submitted their surveys. Thus the small amount of investment in these internal grants continues to redound to our faculty's success.

Recommendations

Continue to competitively fund, and evaluate the impacts of, the internal grants program.

**EHHD GRANT
FUNDING HISTORY**

	FY 2011	FY 2012	FY 2013	FY 2014		FY 2015	FY 2016	FY 2017	FY 2018
Expenditures per OSP	7,892,764	6,844,650	3,705,050	3,510,888	Expenditures per	3,287,913	3,000,177	\$ 4,085,888.00	unavailable
F&A credited	1,204,495	917,003	405,705	348,603	F&A generated	351,054	401,315	\$ 427,109.00	unavailable

	CY2011	FY 2012	FY 2013	FY 2014		FY 2015	FY 2016	FY 2017	FY 2018	
Dollars of funded proposals	\$ 3,562,853	\$ 2,475,231	\$ 677,762	\$ 5,957,736	Dollars funded	\$ 4,208,749	\$ 15,036,331	\$ 8,713,405	\$9,027,912	\$12,568,834 remain pend
Dollars of submitted proposals	\$ 13,892,926	\$ 10,562,179	\$ 2,768,504	\$ 10,685,810	Dollars submitted	\$ 21,985,683	\$ 31,242,436	\$ 36,067,038	\$ 30,407,761	
			FY 2013	FY 2014		FY 2015	FY 2016	FY 2017	FY 2018	
Numbers of funded proposals	14	12	6	32	Funded proposals	34	41	31	26	36 remain pending
Numbers of submitted proposals	33	34	15	56	Submitted proposals	63	78	67	79	17 rejected so far
Average proposal size	\$ 420,998	\$ 310,652	\$ 184,567	\$ 190,818	Average proposal size	\$ 348,979	\$ 400,544.05	\$ 538,314.00	\$384,908	
Rate of proposal success	42%	35%	40%	57%	Proposal success rate	54%	53%	46%	33%	so far
Numbers of PIs/Co-PIs with new grants	15	3	6	24	# (Co)PIs w/ new grants	25	25	22	21	so far
Numbers of PIs/Co-PIs submitting	27	9	13	30	# (Co)PIs submitting	33	36	37	43	
New PIs (submitting or funded)	10	3	0	12	New PIs	13	14	11	17	
Numbers of PIs submitting more than one proposal	8	10	4	13	# PIs submitting > 1 proposals	18	20	16	22	
Total dollar value of grants on approx June 30		\$ 16,134,297	\$ 17,102,883	\$ 7,357,055		\$ 11,517,153	\$ 19,722,521	\$ 19,922,407	\$ 27,469,597	
NOTES		EB in qstn	EB gone							
	NAPA done	SNAP-Ed gone								

record keeping shifted from CY to FY in 2011

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Department of Education Research Productivity Report 2017

Narrative Summary

As the State of Montana's leading program preparing teachers and educational leaders, the MSU-Bozeman Department of Education boasts over 870 undergraduate students pursuing teaching majors and minors and nearly 300 students pursuing graduate study in Adult & Higher Education, Curriculum & Instruction, and Educational Leadership.

We are proud of the **100,000+ hours** that Department of Education students provide as:

- Assistants in classrooms as part of their teaching practicum
- Volunteers in after school Book Club and Tech Club
- Student teachers in schools across Montana

The Department of Education realizes MSU's land grant mission by continuously integrating research, teaching, and outreach. This report highlights the Department's scholarly productivity during 2017 and acknowledges the multitude of ways our scholarship informs our teaching practice and service to the state.

Major Accomplishments in 2017

- Launched the inaugural **Rural Colloquium** in April 2017 in partnership with the Teach Montana Career Fair. Teachers and school leaders from across the state shared the opportunities and challenges of teaching in rural Montana. The tremendous success has resulted in this becoming a twice-annual event.
- Piloted the **Rural Teaching Practicum** in May 2017 with 12 English-education students gaining teaching experience in the Bakken shale region of Northeastern Montana
- Hosted the first **Education Preparation Provider (EPP) P-20 Teaching and Leading Summit**, which brought teacher and principal preparation faculty from all 10 EPPs in Montana together with partner school personnel to discuss the practices, partnerships, and programs that best support new teachers and principals
- Initiated the process of proposing new **Master's of Arts in Teaching** degree program to meet the needs of place-bound prospective students who would like to become K-12 teachers and serve their local communities
- Hosted the **Gifted & Talented Symposium**, which brought nationally known speakers to campus to discuss the current state of meeting the educational needs of high achieving and high potential students
- Launched **EDU 101US Teaching & Learning** as dual enrollment course in 8 high schools across the Hi-Line and beyond
- Provided key leadership to the state's **Rural Recruitment and Retention Task Force**

Challenges and Goals for 2018 and beyond

- Sustain Rural Teaching Practicum financially and ensure the richest learning experience
- Onboard two tenure-track faculty with the support needed for them to thrive in all areas of their assignment: research, teaching, outreach/service, and integration
- Increase manuscript submissions to top-tier peer reviewed publication outlets
- Engage in ongoing professional development for students, staff, and faculty in an effort to create the most inclusive learning and research environments

Full-time Tenured, Tenure-track and Non-tenured Faculty (25)

Name	Department	Rank	Tenure Status
Art Bangert	Education	Associate	Tenured
Michael Brody	Education	Associate	Tenured
Jioanna Carjuzaa	Education	Full	Tenured
Robert Carson	Education	Full	Tenured
Jayne Downey	Education	Associate	Tenured
Ann Ellsworth	Education	Full	Tenured
Ann Ewbank	Education	Associate	Tenured
David Henderson	Education	Assistant	Untenured
Joyce Herbeck	Education	Associate	Tenured
James Hicks	Education	Assistant Teaching	Non-Tenure-Track
Bryce Hughes	Education	Assistant	Untenured
Gilbert Kalonde	Education	Assistant	Untenured
Mary Leonard – on leave	Education	Associate	Tenured
Priscilla Lund	Education	Associate	Tenured
Fenqjen Luo	Education	Associate	Tenured
Nick Lux	Education	Associate	Tenured
Carrie Myers	Education	Associate	Tenured
Sarah Pennington	Education	Assistant	Untenured
Christine Rogers-Stanton	Education	Assistant	Untenured
Bill Ruff	Education	Full	Tenured
Sarah Schmitt-Wilson	Education	Assistant Teaching	Non-Tenure-Track
Tricia Seifert	Education	Associate	Tenured
Tena Versland	Education	Assistant	Untenured
Nigel Waterton	Education	Assistant Teaching	Non-Tenure-Track
Sweeney Windchief	Education	Assistant	Untenured

Publications and Presentations**JOURNALS (35)****BOOK CHAPTERS (6)****CONFERENCES (70)****KEYNOTES (3)****BLOG POSTS (4)****OTHER (POSTERS, WORKSHOPS, ETC.) (11)****WORKING PAPERS (13)****TECHNICAL SUPPORT/CURRICULUM GUIDE (3)**

JOURNALS (36)

1. Nollmeyer, G., & **Bangert, A.** (2017). Measuring elementary teachers' understanding of the NGSS framework: An instrument for planning and assessing professional development. *Electronic Journal of Science Education, 21*(8), 20-45.
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3. **Carjuzaa, J.** (2017). Revitalizing Indigenous languages, cultures, and histories in Montana, across the United States and around the globe. In J. Carjuzaa & W. G. Ruff (Eds.), *Revitalization of Indigenous Languages: Designing and Facilitating Immersion Programs*. Oxfordshire: Cogent OA, Taylor & Francis Group. <https://www.cogentoa.com/collection/revitalization-of-indigenous-languages-designing-and-facilitating-immersion-programs>
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5. **Carjuzaa, J.**, Bradley, T. (Presenter), Flatlip, S. (Presenter), Williams, D. (Presenter), Fisher, A. (Presenter), & Rink, N. (Presenter) (2017, July). *Barriers, roadblocks, and obstacles: American*

Indian future educators share their stories. Presentation at the World Indigenous Peoples Conference on Education (WIPCE), Toronto, Ontario, Canada.

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14. **Ellsworth, A.** (2017, November). *The way forward is the way back: Reflections and reasons to write.* Presentation at the annual conference for Middle Level Education, Philadelphia, Pennsylvania.

15. **Ellsworth, A.** (2017, October). Lights....Camera....WRITE!. Presentation at the MEA-MFT Educators' Conference, Missoula, MT.

16. **Ellsworth, A.** (2017, October). Spotlight on poetry: Fluency, comprehension and fun. Presentation at the MEA-MFT Educators' Conference, Missoula, MT.

17. **Ellsworth, A.** (2017, October). Word study that fascinates and delights. Presentation at the MEA-MFT Educators' Conference, Missoula, MT.

18. **Ellsworth, A. & Pennington, S.** (2017, October). *Improving critical thinking and comprehension: Graphic organizers across the curriculum*. Presentation at the Montana State Reading Conference, Billings, Montana.
19. **Ellsworth, A.** (2017, October). *It's music to my ears: Building vocabulary and word choice*. Presentation at the Montana State Reading Conference, Billings, Montana.
20. Knickerbocker, M., & **Ellsworth, A.** (2017, October). Re-visiting readers' theater: Critical thinking and script writing. Presentation at the Montana State Reading Conference, Billings, Montana.
21. **Ellsworth, A.** & Berg, T. (2017, October). Stories that teach: Legends, conventions and commas. Presentation at the Montana State Reading Conference, Billings, Montana.
22. **Ellsworth, A.** (2017, October). Why CAT not KAT & GLASS not GLAS? Making sense of spelling. Presentation at the Montana State Reading Conference, Billings, Montana.
23. **Ellsworth, A.** (Discussant), & LaForge, G. (Discussant). (2017, October). *Fluency gains in first grade with creative home-school partnerships*. Presentation at the Northern Rocky Mountain Education Research Association, Boulder, CO.
24. **Ellsworth, A.,** & Kennedy, E. (2017, October). *Invigorating writing instruction for pre-service elementary teachers: It's kind of a big deal*. Presentation for the Northern Rocky Mountain Education Research Association, Boulder, CO.
25. **Ellsworth, A.** (2017, March). *The second "r": How to support and stretch writers in secondary and post-secondary settings*. Presentation at the Montana Association for Gifted and Talented Education, Missoula, MT.
26. **Ellsworth, A.** (2017, March). *Words! Words! Words! Active learning and engaging exercises that motivate and challenge*. Presentation at the Montana Association for Gifted and Talented Education, Missoula, MT.
27. **Pennington, S., & Ellsworth, A.** (2017, February). *Scaffolding pre-service educators' understanding of equity for immigrant and indigenous students: A case study approach*. Presentation at the 13th Annual International Globalization, Diversity, and Education Conference, Washington State University, Spokane, WA.
28. **Ellsworth, A., Pennington, S. & , Osborne, S.** (2017, February). Good, better, best: Differentiated literacy instruction for student success. Presentation at the annual conference of the Montana Conference for Exceptional Children, Missoula, MT.
29. **Ellsworth, A.,** & Vallor, R. (2017, October). *Making science meaningful for teacher candidates: Changing attitudes with active learning*. Presentation at the Northern Rocky Mountain Education Research Association, Boulder, CO.

30. **Ellsworth, A.** & Mohr, V. (2017, October). *Encouraging pre-service teacher voice in writing through creative grammar instruction*. Presentation at the Northern Rocky Mountain Education Research Association, Boulder, CO.
31. **Ellsworth, A.** (2017, October). In their own words: Millennials and classroom realities for teachers. Presentation at the Northern Rocky Mountain Education Research Association, Boulder, CO.
32. **Ewbank, A.** (2017, October). *Context matters: The advocacy practices of rural school librarians*. Presentation at the National Forum to Advance Rural Education, Columbus, OH.
33. **Ewbank, A.** (2017, June). *Context matters: School librarians' advocacy practices in rural America*. Presentation at the American Library Association Annual Conference, Chicago, IL.
34. **Henderson, D.** (2017, March). *Using Parker Palmer's Courage to Lead as an experiential and transformational learning approach: Leader identity and authenticity in educational leadership graduate education*. Presentation at the Transformative Learning Conference, University of Central Oklahoma, Oklahoma City, OK.
35. **Herbeck, J.** (2017, November). *Charlotte Huck Award Books Session*. Presentation at the National Council of Teachers of English, St. Louis, Missouri.
36. Stolzenberg, E. B. & **Hughes, B.** (2017, January). *New data on gender identity: The experiences of incoming transgender college students*. Presentation at the AAC&U Annual Meeting, San Francisco, CA.
37. **Hughes, B.** (2017, April). *"Put the Jesuit out front": How a Catholic, Jesuit university addresses LGBT issues*. Presentation at the American Educational Research Association Annual Conference, San Antonio, TX.
38. Willoughby, S., LaMeres, B., Lux, N., **Hughes, B.** (2017, March). *Crafting spatial skills: The use of a Minecraft-Based intervention to aid in the development of elementary learners' spatial ability*. Presentation at the Society for Information Technology and Teacher Education (SITE), Austin, TX.
39. **Kalonde, G.** (2017, March). *Inclusive technology in general education classroom: The extent science teachers use inclusive technology in science classrooms*. Presentation at the SITE International Conference, Austin, TX.
40. **Kalonde, G.**, & Mousa, R. M. (2017, February). *E-Learning that support teacher-student team instruction*. Presentation at the ATE 2017 Conference, Orlando, FL.
41. **Kalonde, G.** & William, K. (2017, February). *Effects of poor school attendance on technology use in rural small school, the learners, the schools and the community*. Presentation at the ATE 2017 Conference, Orlando, FL.
42. **Lund, P.** (2017, October). *Reading about art & war with families*. Presentation at the Montana Art Education Association, Missoula, MT.

43. **Luo, F.** (2017, July). In Kaur, B., Ho, W.K., Toh, T.L., & Choy, B.H. (Ed.), *Assessing Preservice Teachers' Multiplicative Knowledge for Teaching Using Visual Models* (vol. 1, pp. 1-242). Singapore: International Group for the Psychology of Mathematics Education (PME). <http://www.igpme.org/index.php/publications/online-current>
44. **Luo, F.** (2017, July). *Assessing pre-service teachers' multiplicative knowledge for teaching using visual models*. Presentation at the 41st Conference of the International Group for the Psychology of Mathematics Education (PME), Singapore.
45. **Lux, N.** & Will-Dubyak, K. (2017, February). *Side-by-Side professional development: Teacher candidates and in-service teachers working together to develop their teaching practices*. Presentation at the Association of Teacher Education Annual Conference, Orlando, FL.
46. Johnson, C. M., **Myers, C.**, Ward, K. A., Hollist, D., & Sanyal, N. (2017, June). *Fostering Native American participation in STEM*. Presentation at the annual meeting of the Native American Student Advocacy Institute (NASAI), Santa Ana Pueblo, NM.
47. Johnson, C. M., **Myers, C.**, Ward, K. A., Hollist, D., & Sanyal, N. (2017, April). *American Indian/Alaska Native graduate students in STEM: A framework of faculty and institutional promising practices*. Presented at the annual meeting of the American Educational Research Association, San Antonio, Texas.
48. **Pennington, S.** (2017, December). *Early adolescents' motivation to read and the language arts classroom: Validation of a new self-report instrument*. Presentation at the Literacy Research Association Annual Conference, Tampa, FL.
49. **Pennington, S.**, & Hagge, J. (2017, December). *Technology to provide meaningful literacy experiences: Development of a literacy teacher sense of efficacy scale*. Presentation at the Literacy Research Association Annual Conference, Tampa, FL.
50. **Pennington, S.** (2017, June). *Positions of power: The precocious child in literature faced the quest to save a parent and the aftermath of the parent's return*. Presentation at the 44th Annual International Conference of the Children's Literature Association, Tampa, FL.
51. **Pennington, S.** (2017, April). *Language arts classroom practices and early adolescents' needs: A comparison of student and teacher perceptions*. Presentation at the American Educational Research Association Annual Conference, San Antonio, TX.
52. Hagge, J., & **Pennington, S.** (2017, April). *Multimodal playspace and the promise of educational opportunity: Cultivating productive literacy pedagogies of preservice teachers*. Presentation at the American Educational Research Association Annual Conference, San Antonio, TX.
53. **Ruff, W.** (2017, November). *Researching critical gaps in educational leadership: Voices 4 moving forward!* Presentation at the University Council for Education Administration annual conference, Denver, CO.

54. **Ruff, W.**, Parenteau, J., & Hedaly, S. (2017, November). *ESSA Roundtable: What is Your State's Plan for School Leadership? A Cross-State Analysis of ESSA*. Presentation at the University Council for Education Administration annual conference, Denver CO.
55. **Seifert, T.** (2017, June). *High school students' questions in the post-secondary transition*. Presentation at the annual conference of the Canadian Association of College and University Student Services, Ottawa, Ontario, Canada.
56. Strange, C., **Seifert, T.**, Pidgeon, M., & Austin, J. (2017, June). *A thousand words are worth a picture: Snapshots of publishing in student affairs*. Presentation at the annual conference of the Canadian Association of College and University Student Services, Ottawa, Ontario, Canada.
57. Arnold, C., & **Seifert, T.** (2017, March). *Blueprints for student success: Innovating to teach students about student affairs/services*. Presentation at the annual convention of ACPA, College Student Educators International, Columbus, Ohio, USA.
58. Arnold, C., & **Seifert, T.** (2017, March). *Faculty subcultures: Does academic rank affect campus culture and student success*. Paper presentation at the annual convention of ACPA, College Student Educators International, Columbus, Ohio, USA.
59. **Seifert, T.**, Oliveri, C., Funke, K., & Clark, J. (2017, April). *Helping students draft a blueprint for college success: Not assuming but asking*. Presentation at the annual conference of the Montana School Counselors Association, Bozeman, Montana, USA.
60. Stoddard, J., Hicks, D., Marcus, A., Walsh, B., van Hover, S., Brown, A., Brown, K., & **Stanton, C.** (2017, November). *Teaching difficult history through film*. Presentation at the annual convention for the College & University Faculty Assembly of the National Council for Social Studies, San Francisco, CA.
61. Shear, S., & **Stanton, C.** (2017, November). *Key words in social studies education: Indigenous*. Presentation at the annual convention College & University Faculty Assembly of the National Council for Social Studies, San Francisco, CA.
62. **Stanton, C.**, & Morrison, D. (2017, November). *Indian Education for All: Challenging Settler-Colonialism through Curricular Frameworks*. Presentation at the annual convention College & University Faculty Assembly of the National Council for Social Studies, San Francisco, CA.
63. **Stanton, C.** (2017, November). *No Indians allowed: School admission policies as settler-colonial strategy*. Presentation at the annual convention of the National Association for Multicultural Education, Salt Lake City, UT.
64. **Versland, T.** (2017, April). Principal self-efficacy in the Bakken: Leading social justice in a boom/bust environment. Presentation at the annual conference of the American Education Research Association, San Antonio.
65. **Versland, T.** (2017, September). The Montana Data Use Survey: 2017. Presentation at the Montana Data Use Alliance Conference, Helena, MT.

66. **Windchief, S.** (2017, March). Holographic epistemology (Indigenous common sense): A Nakona example. Presentation at the He Manawa Whenua Indigenous Research Conference, Te Taura Whiri i te Reo Māori, Nga Pae o te Maramatanga, Waikato-Tainui College for Research and Development, Hamilton Aotearoa (New Zealand).

67. San Pedro, T., **Windchief, S.**, Garcia, J., Anderson Kulago, H., Sabzilion, L., Tuck, E., (Co-Chair), & Yang, K. W. (Co-Chair). (2017, May). Connecting futures: Indigenous genealogies of action and knowledge production. Presentation at the annual conference of the American Educational Research Association, San Antonio, Texas.

68. Pidgeon, M., (Co-Chair), Cantwell, B., (Co-Chair), Airini, P., Miller, A., **Windchief, S.**, & Wong, K. L. (2017, April). Indigenizing international and comparative higher education. Presentation at the annual conference of the American Educational Research Association, San Antonio, Texas.

69. **Windchief, S.** (2017, April). Community-held knowledge: Indigenous methodologies in educational research. Presentation at the annual conference of the American Educational Research Association, San Antonio, Texas.

70. **Windchief, S.** (2017, April). One size does not fit all: Culturally attuned mentorship for American Indian students in STEM. Presentation at the annual conference of the American Educational Research Association, San Antonio, Texas.

KEYNOTES (3)

Seifert, T. (2017, October). *"Pulling out all the stops along students' college journeys"* at the Strategic Enrollment Management conference sponsored by AACRAO, Phoenix, AZ.

Seifert, T. (2017, June). Presented three keynote talks as Scholar-in-Residence at the 5th Annual International Experiential Learning Institute, hosted by Memorial University of Newfoundland, St. John's, Newfoundland, Canada.

Windchief, S. (2017, February). *"Rethinking doctoral mentorship: What we can learn from Indigenous cultures"* at the National Science Foundation (NSF)-Alliances for Graduate Education and the Professoriate-Transformation (AGEP-T) National Forum, Council of Graduate Schools, Washington DC.

BLOG POSTS (4)

1. **Ewbank, A.** (2017). *A Visit to Senator Tester's Field Office*. Washington, DC: ALA District Dispatch. <http://www.districtdispatch.org/2017/08/visit-senator-testers-field-office/>

2. **Ewbank, A.** (2017). *Fight for Libraries This Week*. Chicago, IL: American Libraries Direct. <https://americanlibrariesmagazine.org/blogs/the-scoop/fight-for-libraries-thisweek/>

3. **Henderson, D. I., & Reynolds, T.** (2017, January 26). *Know that it is possible: Dreams in the desert*. Center for Courage and Renewal blog. Retrieved from: <http://www.couragerenewal.org/it-is-possible/>

4. **Seifert, T.** (2017, February 24). *The little engine that could . . . And will.* #RyersonSA: Thoughts on life outside the classroom blog. Retrieved from: <http://ryersonstudentaffairs.com/the-little-engine-that-will/>

OTHER (POSTERS, WORKSHOPS, ETC.) (11)

1. Hunts, H., Dunkel, F., **Bangert, A.**, & Thienes, M. (2017, November). Annual Meeting of the Entomology Society of America, "Acceptability & Preference Motivations to Consume Edible Insects: A Comparison Across The ESA-North Central Branch, The Montana Association of Family & Consumer Sciences, and The Southern California Institute of Food Technologists", Entomology Society of America, Denver, CO.

2. Hunts, H., Dunkel, F., **Bangert, A.**, Rollin, J., Thienes, M., & Zahner, C. (2017, November). Annual Meeting of the Entomology Society of America, "Edible Insects: A Longitudinal Study of Acceptability and Preference Motivations of Students, Staff and Faculty of Montana State University and the Citizens of Bozeman, Montana and Nearby Areas", Entomology Society of America, Denver, CO.

3. **Stanton, C.**, Hall, B., Ricciardelli, L., & **Carjuzaa, J.** (2017, October), Montana Education Association, "The Digital Storywork Partnership: Community Engagement and Social Studies Education", Missoula, MT.

4. **Stanton, C.**, Hall, B., Ricciardelli, L., & **Carjuzaa, J.** Montana Indian Education Association, "Culturally revitalizing digital storywork for language revitalization", Missoula, MT. (April 21, 2017).

5. **Pennington, S. & Ellsworth, A.** (2017, February), 13th Annual International Globalization, Diversity, and Education Conference, "Scaffolding Pre-Service Educators' Understanding of Equity for Immigrant and Indigenous Students through Analysis of Case Studies", Washington State University, Airway Heights, WA.

6. **Ellsworth, A.**, & Pennington, S. (2017, February), 13th Annual International Globalization, Diversity, and Education Conference, "The great divide: How indigenous perspectives inform white privilege", Washington State University, Spokane, WA.

7. Schell, W., **Hughes, B. E.**, Tallman, B. (2017). *The Formation of Undergraduate Engineers as Engineering Leaders*. Washington, DC: National Science Foundation ECE Grantees Conference. http://www.montana.edu/wschell/2017ECEGranteesConference_Posterv02.pdf

8. **Pennington, S.** (2017, November), Annual Conference for Middle Level Education, "Writing to Build Community", Association for Middle Level Education, Philadelphia, PA.

9. **Pennington, S.** (2017, October), Montana State Literacy Conference, "Building Community and Empathy Through Classroom Literacy", Montana State Reading Council, Billings, MT.

10. **Pennington, S. & Ellsworth, A.** (2017, February), 13th Annual International Globalization, Diversity, and Education Conference, "Scaffolding Pre-Service Educators' Understanding of

Equity for Immigrant and Indigenous Students through Analysis of Case Studies", Washington State University, Airway Heights, WA.

11. Wynhoff Olsen, A., **Waterton, N. P.**, Long, D. (2017). *Confluence: Merging rural perceptions and experiences*. (1st ed., vol. 41, pp. 9-11). MATELA Update.
http://www.matelamt.com/uploads/2/5/6/9/25698627/matela_fall2017editingcopy1.

WORKING PAPERS (13)

1. **Ellsworth, A.** Diagnosis for the Practitioner. *Literacy Voices*, 10.
2. Reckinger, S., **Hughes, B. E.** (2017). *Anxiety and Mood as a Predictor for Student Success in Programming Assessment*. ASEE Pacific Northwest Section Conference Proceedings.
3. **Hughes, B. E.** Coming Out in STEM: Factors Affecting Retention of Sexual Minority STEM Students. *Science Advances*.
4. **Hughes, B. E.**, & Hurtado, S. Thinking About Sexual Orientation: College Experiences that Predict Identity Salience. *Journal of College Student Development*.
5. Kalinowski, S., **Leonard, M.** Students' view of the structure of biological knowledge: A new self-report instrument and relationship to conceptual change. *CBE Life Sciences Education*.
6. Obery, A., **Lux, N.**, Cornish, J., Grimberg De Menalled, B., & Hartshorn, A. Do cognitive engagement and motivation predict student future aspirations in science? *Science Education*.
7. **Myers, C.**, & Myers, S. The Civic Impact of High Impact Practices: The Longitudinal Connection from Undergraduate Curriculum Experiences to Community Engagement in Adulthood. *Research in Higher Education*.
8. **Pennington, S. E.** (in press). Language arts classroom practices and early adolescents' needs: A comparison of student and teacher perceptions. *Middle Grades Research Journal*.
9. **Pennington, S. E.** Analysis of middle grades language arts textbook series: Identification of most frequently included instructional practices. *Literacy Research: Theory, Method, and Practice/Literacy Research Association*.
10. **Stanton, C.**, Hall, B., & Carjuzaa, J. The Digital Storywork Partnership: Community-centered social studies to revitalize Indigenous histories and cultural knowledges. *Journal of Social Studies Research*.
11. **Wilson, S.**, Vaterlaus, J. M., & Beck, A. Life Values in Adolescence and Young Adulthood: Similarities and Differences by Urbanicity and Time. *Journal of Adolescence*.
12. **Windchief, S.**, & Ryan, K. The Sharing of Indigenous Knowledge Through Academic Means by Implementing Self-reflection and Story. *AlterNative: An International Journal of Indigenous Peoples*, 25.

13. **Windchief, S.**, Arouca, R., & Brown, B. Developing an Indigenous Mentoring Program for AI/AN graduate students in STEM fields. *Mentoring and Tutoring; Partnerships in Learning*, 26.

TECHNICAL SUPPORT/CURRICULUM GUIDE (3)

1. **Brody, M.**, & Vallor, R. Flathead Watershed Educators' Guide. Bozeman: Flathead Committee on Resource Education.

2. **Myers, C.**, & Johnson, C. M. (2017). Collaborative Research: The Pacific Northwest Alliance to Develop Implement and Study a STEM Graduate Education Model for American Indians and Alaskan Natives. *Larger part of the AGEP Grant NSF 1431773*.

3. **Myers, C.** (2017). Centers of Biomedical Research Excellence Annual Progress Report submitted to National Institutes of Health. *Immunology and Infectious Disease COBRE funded by NIH*.

Sponsored Programs

Education proposal submissions from July 1, 2016 through June 30, 2017

Submit date	<u>EHHD Faculty</u>	<u>Collaborators</u>	<u>Submission agency</u>	<u>Project title</u>	<u>Funding request</u>	<u>Funding status</u>
Education						
2/6/2017	Seifert, Tricia		Keck Foundation preproposal	Developing Mobile Gaming Technologies to Promote College Completion	Pre-proposal	Rejected
2/7/2017	PI Shannon Willoughby, Physics	Bryce Hughes	NSF Research Traineeship	Nelson Story STEM Fellowship Project	\$481,460	Awarded
2/7/2017	PI Matthew Fields, CBE	Bryce Hughes	NSF National Research Traineeship	Graduate Research with Enhanced Education at the Nexus- Engineered Multispecies Biofilms for Energy and Resources (GREEN-EMBER)	\$3,000,000	Rejected
2/9/2017	Ewbank, Ann		American Library Association	Rural K-12 Educator Teams' Perceptions and Understandings of Effective School Library Programs	\$3,000	Rejected

2/23/2017	PI Shanon Reckinger, ECE	Bryce Hughes	NSF	Research Initiation: Attitudes and Knowledge of the Engineering Discipline of Influencers and The Influenced	\$199,658	Rejected
3/1/2017	Carson, Robert	Le Gaub	DOD	Lewis & Clark Region TTT	\$716,736	Awarded
3/15/2017	Stanton, Christine		MSU VPR/S&C	Expanding Scholarly Visibility of the Digital Storywork Partnership	\$9,571.80	Rejected
3/29/2017	Lux, Nicholas		NSF/U.Wash	Collaborative Research - STEM Tribal Initiative for College Students (STICS)	\$1,428,352	Rejected
3/29/2017	PI Anne Camper, Engineering	Schmitt-Wilson, Sarah	NSF	STeMPower: Success through Mentoring and Partnerships	\$2,912,358	Rejected
5/12/2017	Seifert, Tricia		Student Assistance Foundation	Blueprints for Student Success: Software Development, Implementation, and Evaluation	Pre-proposal	
5/15/2017	Versland, Tena	Jayne Downey	OCHE	Creating an Induction Model for New Leaders in Montana's Schools	\$85,000	Awarded
6/23/2017	Downey, Jayne	Ann Ewbank, Tena Versland, Sara Schmitt-Wilson	US Dept of Ed SEED	Rocky Mountain Rural Teaching Academy	\$6,654,914	Rejected
8/29/2017	Kalonde, Gilbert	Fenqjen Luo	NSF	Montana State University Native American Noyce Scholarship Project	\$1,197,180	Rejected
9/15/2017	Hughes, Bryce		AERA	Institutional Characteristics of Community Colleges that Promote STEM Bachelor's Degree Completion	\$33,050	Rejected

9/21/2017	Downey, Jayne	Ann Ewbank, Tena Versland	US Dept of Ed IES	National Research and Development Center-Improving Rural Education	\$1,890,972	Rejected
9/27/2017	PI Paul Gannon, CBE	Nicholas Lux	NSF - REF	Design and Development: Diversifying Engineering via Identity-Congruent E-gaming (DE-ICE)	\$350,000	Rejected
10/12/2017	PI Paul Gannon, CBE	Nicholas Lux	Montana Space Grant Education Enhancement	Diversifying STEM through Identity Forming Interventions	\$24,517	Rejected
11/30/2017	Seifert, Tricia		Russell Sage Foundation	Higher Education's Shifting Influence on Social Inequality? Examining the Effects of Higher Education and Career & Quality of Life Outcomes across Two Decades	\$74,723	Rejected

Faculty and Staff Recognition

Ellsworth, Ann (Professor)

National

President's Excellence in Teaching Award, Montana State University, Teaching (November 15, 2017)

Grammar Teacher of the Year Award, National Council of Teachers of English, Service, Professional (November 1, 2017)

University

Excellence in Online Teaching Award, Montana State University, Teaching (December 15, 2017)

Innovation in Teaching Award, Montana State University--Center for Faculty Excellence, Teaching (November 15, 2017)

Dorothy Aasheim Memorial Award for Outstanding Service to the University, MSU Chamber of Commerce/Alumni Association, Service, University (February 2017)

Award for Teaching Excellence, MSU Chamber of Commerce, Teaching (January 2017)

Department

Excellence in Teaching and Learning Award, Department of Education, Teaching (May 10, 2017)

Ewbank, Ann (Associate Professor)

University

Nominated for Cox Faculty Award for Creative Scholarship and Teaching, Montana State University, Scholarship/Research (November 2017)

College

Outstanding Faculty: Outreach and Engagement, College of Education, Health and Human Development, Service, Professional (May 2017)

Godwin, Ian C.P. (Professional)

University

Employee of the Year, Montana State University, Leadership (April 20, 2017)

Hicks II, Joe M. (Assistant Teaching Professor)

University

MSU Student Organization Advisor of the Year, MSU Office of Student Engagement, Service, University (April 20, 2017)

Awards for Excellence-Faculty Mentor, MSU Alumni Foundation & Bozeman Area Chamber of Commerce, Service, University (February 21, 2017)

Hughes, Bryce E. (Assistant Professor)

International

Merritt A. Williamson Best International Conference Paper Award, American Society for Engineering Management, Scholarship/Research (October 2017)

Madero, Rosemary (Licensure Technician, Office of Field Placement & Licensure)

University

Pure Gold Award recipient

Meldahl, Cynthia (Director of Advising Center)

University

Pure Gold Award recipient

Seifert, Tricia A. D. (Associate Professor)

University

Provost's Distinguished Lecturer, Montana State University Office of the Provost, Scholarship/Research (2017)

Stanton, Christine R. (Assistant Professor)

State

Nominated for Advocacy Award for Excellence in Indian Education for All, Montana Office of Public Instruction, Leadership (December 2017)

Versland, Tena M. (Assistant Professor)

International

Fulbright Specialist Roster, United States Department of State, Bureau of Educational and Cultural Affairs, Leadership (December 1, 2017)

University

Nominated for Provost Award for Excellence in Outreach, Montana State University, Service, Community (December 2017)

Windchief, Sweeney R. (Assistant Professor)

Department

Outstanding Faculty for Scholarship and Discovery, Montana State University -
Department of Education, Scholarship/Research (May 8, 2017)

Department of HHD Research Productivity Report 2017

Narrative Summary

The Health and Human Development Department (HHD) is one of the largest, most diverse departments at Montana State University, Bozeman, with eight undergraduate programs, three undergraduate minors, one undergraduate certificate, six graduate programs, and one graduate certificate. In 2017, HHD educated 930 undergraduate students and 89 graduate students, with 202 undergraduate students awarded a bachelor of science and 35 students receiving a master's of science.

In addition to the undergraduate and graduate programs, we house a number of outreach activities to serve the citizens of Montana in areas such as school food service management, providing education to child care providers, growing a garden as a service learning project, and operating a child care program. These are funded through grants, some state funds, and user fees.

The Department has vestiges of the original land grant mission, with a focus on using scientific principles to improve activities of the home and community, and we find commonality in the tag line, "Enriching Human Well-Being." Each of our programs enacts that mission through learning, discovery, and engagement. Of special note is the presence of the family and consumer sciences extension faculty, with three state specialists in food and nutrition, family science, and health and wellness.

The following report specifies the activity undertaken in research in the calendar year 2017. While the Department has a large number of untenured assistant professors, the research productivity of the faculty has reached an all-time high in grant dollars generated and in the dissemination of research products.

Major Accomplishments in 2017

- Launched the first year of the new hospitality program, with programs in food enterprise, lodging and facilities management, and restaurant management: farm-to-table. Four new faculty were hired and began work in the 2017-2018 academic year. The design and approval of new curriculum offerings consumed much of their time as the program begins to build enrollment. The faculty have started their research programs quickly and efficiently, with publications already resulting.
- Worked with the College of Engineering to establish a laboratory to study biomechanics, especially gait analysis. Drs. Jim Becker from HHD, and Scott Monfort from Mechanical Engineering, purchased equipment, cleaned out an unused lab, built platforms for equipment, installed equipment, and began studies that will greatly enhance their ability to publish and garner grant dollars.
- Honored Dr. Suzanne Held, the first person from Health and Human Development to be chosen for the Women in Science Distinguished Professorship.
- Supported Dr. John Seifert to take advantage of a visiting professorship in Austria and Germany, where he worked on his research and teaching in the exercise science of skiing.
- Applauded Dr. Elizabeth Rink, who received a \$3.12 million grant to further her work in reproductive health in indigenous communities. She submitted an ROI with the National Institutes of Health and she received the grant on her first submission, which is highly unusual. She is an outstanding researcher whose work reverberates in the state of Montana and around the world.

- Worked to expand graduate programming in community health, early childhood and child services, and family and consumer sciences, by adding courses and advertising programs to potential graduate students.

Challenges and Goals for 2018 and Beyond

- Goal: Find alternate NTT offices in Herrick Hall so that Herrick 205 can be converted into a workspace for undergraduate and graduate researchers, and master's students. We need to solve the problem of having research video data to be shown on monitors with visual privacy as data are coded from the videos.
- Goal: Try to maintain a good balance of tenure track faculty with non-tenure track faculty for delivering the curriculum, as tenure track faculty are awarded more grant dollars that allow them to receive course releases down to the allowed six credits per academic year.
- Goal: Support researchers in grant writing, administration, and publications through continued support of Dr. Elizabeth Bird.
- Goal: Move EHHD grant financial management to one person, Amanda Gagenbacher, who will be able to focus on efficient financial record-keeping and administration.
- Goal: Provide mentorship of untenured assistant professors in growing and effectively producing research products.

Full-time Tenured, Tenure-track, and Non-tenured Faculty (76)

Name	Department	Rank	Tenure Status
Selena Ahmed	Health and Human Development	Assistant Professor	Untenured
Melody Anacker	Health and Human Development	Instructor	Non-tenure track
Sandra Bailey	Health and Human Development	Professor Extension Specialist	Tenured
Jody Bartz	Health and Human Development	Assistant Professor	Untenured
Hilary Becker*	Health and Human Development	Instructor	Non-tenure track
James Becker	Health and Human Development	Assistant Professor	Untenured
Lenka Beranova	Health and Human Development	Instructor	Non-tenure Track
Katrina Stanislaw Carr	Health and Human Development	Instructor	Non-tenure track
T. Michael Cole	Health and Human Development	Instructor	Non-tenure track
Nancy Colton	Health and Human Development	Assistant Professor	Tenured
Heather Costello	Health and Human Development	Instructor	Non-tenure track
Katherine Cremer-Vogel	Health and Human Development	Instructor	Non-tenure track
Frank Daumberger	Health and Human Development	Instructor	Non-tenure track
Kalli Decker	Health and Human Development	Assistant Professor	Untenured
Kathryn DesLauriers	Health and Human Development	Instructor	Non-tenure track
Jamie Diehl	Health and Human Development	Instructor	Non-tenure track
Anna Diffenderfer*	Health and Human Development	Instructor	Non-tenure track
Edward Dunbar	Health and Human Development	Assistant Professor	Untenured
Glee Dunbar	Health and Human Development	Instructor	Non-tenure track
William Durham	Health and Human Development	Instructor	Non-tenure track
Anna Elliott	Health and Human Development	Assistant Professor	Untenured
Michael Fox	Health and Human Development	Instructor	Non-tenure track
Kathryn Franklin*	Health and Human Development	Assistant Teaching	Non-tenure track
Janet Gamble*	Health and Human Development	Instructor	Non-tenure track
Marcy Gaston	Health and Human Development	Assistant Teaching	Non-tenure track
Michelle Grocke	Health and Human Development	Assistant Professor Extension Specialist	Untenured
Sabrina Hadeed	Health and Human Development	Assistant Teaching	Non-tenure track
Alison Harmon (EHHD Dean)	Health and Human Development	Professor	Tenured
Kimberly Hartman	Health and Human Development	Instructor	Non-tenure track
Deborah Haynes (HHD Department Head)	Health and Human Development	Associate Professor	Tenured
Daniel Heil	Health and Human Development	Professor	Tenured
Suzanne Held	Health and Human Development	Professor	Tenured
Holly Hunts	Health and Human Development	Associate Professor	Tenured

Kara Hurt-Avila	Health and Human Development	Assistant Professor	Untenured
Sara Jay	Health and Human Development	Instructor	Non-tenure track
Mary Jane Kabaci*	Health and Human Development	Assistant Teaching	Non-tenure track
Coleen Kaiser*	Health and Human Development	Instructor	Non-tenure track
Dale Kennedy	Health and Human Development	Instructor	Non-tenure track
Sun-Hwa Kim	Health and Human Development	Assistant Professor	Untenured
Daniel Koltz*	Health and Human Development	Instructor	Non-tenure track
Rebecca Koltz	Health and Human Development	Associate Professor	Tenured
Wan-Yuan Kuo	Health and Human Development	Assistant Professor	Untenured
Christine Lux	Health and Human Development	Assistant Professor	Untenured
Hailey Martinez	Health and Human Development	Assistant Teaching	Non-tenure track
Milica McDowell	Health and Human Development	Assistant Teaching	Non-tenure track
Gimeelyn McHann	Health and Human Development	Instructor	Non-tenure track
Heidi McKinley	Health and Human Development	Assistant Teaching	Non-tenure track
Colleen McMilin	Health and Human Development	Assistant Professor	Untenured
Jessica Milakovich	Health and Human Development	Instructor	Non-tenure track
Mary Miles	Health and Human Development	Professor	Tenured
Katy Mistretta	Health and Human Development	Assistant Teaching	Non-tenure track
Wendy Morrison*	Health and Human Development	Instructor	Non-tenure track
Mark Nelson	Health and Human Development	Professor	Tenured
Sandra Osborne	Health and Human Development	Associate Professor	Tenured
Lynn Owens (retired 5/18)	Health and Human Development	Associate Professor	Tenured
Megan Peach	Health and Human Development	Assistant Teaching	Non-tenure track
Christina Popp	Health and Human Development	Assistant Teaching	Non-tenure track
Sarabeth Rees	Health and Human Development	Instructor	Non-tenure track
Elizabeth Rink	Health and Human Development	Associate Professor	Tenured
Jamie Rizzuto	Health and Human Development	Instructor	Non-tenure track
Brianna Routh	Health and Human Development	Assistant Professor Extension Specialist	Untenured
Mark Schure	Health and Human Development	Assistant Professor	Untenured
John Seifert	Health and Human Development	Professor	Tenured
Carmen Byker Shanks	Health and Human Development	Associate Professor	Tenured
Anne Caprio Shovic	Health and Human Development	Assistant Teaching	Non-tenure track
Vanessa Simonds	Health and Human Development	Assistant Professor	Untenured
Julie Smith	Health and Human Development	Instructor	Non-tenure track
Patricia Smith	Health and Human Development	Instructor	Non-tenure track
Tori Sproles	Health and Human Development	Instructor	Non-tenure track
Mary Stein	Health and Human Development	Instructor	Non-tenure track
Craig Stewart	Health and Human Development	Professor	Untenured
Dawn Tarabochia	Health and Human Development	Associate Professor	Tenured
J. Mitchell Vaterlaus	Health and Human Development	Assistant Professor	Untenured
Nicole Wanago	Health and Human Development	Instructor	Non-tenure track
Kathryn Will-Dubyak	Health and Human Development	Assistant Professor	Non-tenure track

***Non-tenure track instructors who teach 7.5 or more credits each semester.**

Publications and Presentations

2017 Peer-reviewed Health & Human Development Faculty

JOURNALS (86)

BOOKS (3)

BOOK CHAPTERS (2)

CONFERENCES (57)

ORAL PRESENTATIONS (6)

WEBSITES (9)

OTHER (POSTERS, WORKSHOPS, NEWSLETTER, EXTENSION, ETC.) (36)

WORKING PAPERS (46)

TECHNICAL REPORT (1)

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Becker, James N. (Author & Presenter), Casillas, Christopher (Author), International Foot and Ankle Biomechanics, "Metatarsal Loading in Runners who Habitually Use Rearfoot or Mid/Forefoot Strikes", International Foot and Ankle Biomechanics, New York, NY. (December 2, 2017).

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Borgia, Brianne (Author), **Becker, James N.** (Author & Presenter), Annual Meeting of the American Society of Biomechanics, "Influence of Minimalist, Neutral, and Ultra-Cushioning Shoes on Lower Extremity Stiffness During Running", American Society of Biomechanics, Boulder, CO. (August 2017).

Zavala, Linnea (Author & Presenter), Synder, Corey (Author), **Becker, James N.** (Author), Seifert, John (Author), Annual Congress of International Society of Biomechanics in Sports, "Directional Compression and Muscle Activity in a Retired World Cup Alpine Skier", International Society of Biomechanics in Sports, Cologne, Germany. (July 2017).

Danzer, Heather (Author & Presenter), Brown, Robert (Author), Zavala, Linnea (Author), **Becker, James N.**, Northwest Biomechanics Symposium, "Relationship Between First Ray Mobility and Load Distribution in the Metatarsals", American Society of Biomechanics, Eugene, OR. (May 20, 2017).

Halvorson, J. T., **Byker, C.**, Seifert, J., Miles, M. (2017). *Perceptual Responses Of High Intensity Interval Training Among Overweight And Obese Individuals* (5th ed., vol. 49, pp. 114-114). MEDICINE AND SCIENCE IN SPORTS AND EXERCISE.

Decker, Kalli B. (Author & Presenter), Foster, Tricia (Author & Presenter), Early On Michigan (Part C) Early Intervention Conference, "Engaging families: Michigan's Early On providers' perspectives on involving families in everyday practice", Kalamazoo, MI. (November 15, 2017).

Decker, Kalli B. (Author & Presenter), Jorgensen, Ellerey (Author & Presenter), Great Beginnings, Great Families Conference, "Family engagement & routines-based early intervention: Reflecting on recommended practices, strengths, and barriers", Helena, MT. (August 16, 2017).

Elliott, Anna H., Association for Counselor Education and Supervision National Conference, "Hosting Gracious Conversations: Facilitating political and cultural dialogues in the classroom.", Association for Counselor Education and Supervision, Chicago, IL. (October 8, 2017).

Elliott, Anna H., Association for Counselor Education and Supervision National Conference, "Positing privilege: Factors and experiences that contribute to counselors' multicultural competence", Association for Counselor Education and Supervision, Chicago, IL. (October 5, 2017).

Elliott, Anna H., Scotland Trauma Institute: International Association Of Marriage and Family Counselors, "Bystander efficacy impact for reducing sexual assault on a rural college campus", International Association Of Marriage and Family Counselors, Edinburgh, Scotland. (July 23, 2017).

Zell, Levi (Author & Presenter), Bailly, Tom J. (Author), Hogan, Emily (Author), Kidd, Dustin (Author), Pribanic, Kimberly A. (Author), **Heil, Daniel**, 2017 ACSM Northwest Conference, "Changes in Muscle

Oxygenation Using NIRS Monitors During a Nordic Skiing VO2MAX Test", ACSM Northwest Chapter, Bend, OR. (2017).

Heil, Daniel (Author & Presenter), Pribanic, Kimberly A. (Author), Whalen, Lisa M. (Author), 4th International Congress on Soldiers' Physical Performance, "Influence of Armored Vest Sizing on Markers of Vest Movement and Sprint Performance", Department of Defense - Science & Technology (Australia), Melbourne, Australia. (2017).

Heil, Daniel (Author & Presenter), Brown, Blakely (Author), Harris, Kari J. (Author), Tryon, M (Author), Zhu, Wei (Author), 5th International Conference on Ambulatory Monitoring of Physical Activity and Movement, "Accurate Measurement of Sleep Outcome Variables Using Wrist-Worn Monitors May Require User Input", International Society for the Measurement of Physical Behaviour, Bethesda, MD. (2017).

Held, Suzanne (Author & Presenter), McCormick, Alma (Author & Presenter), American Public Health Association, "We Don't Take Things Apart: Lessons learned over a 20-year successful CBPR partnership", American Public Health Association, Atlanta, Georgia. (November 2017).

Held, Suzanne (Author & Presenter), McCormick, Alma (Author & Presenter), Native Health Research Training Conference, "I've got your back: Stories and lessons learned from a 20-year CBPR partnership", Native Health Research, Denver, CO. (September 2017).

Hunts, Holly (Author & Presenter), Dratz, Edward (Author), Native American Nutrition Conference, "Nutrition Monitoring App: Foods from the Distribution Program on Indian Reservation", University of Minnesota & Seeds of Native Change, Prior Lake, MN. (September 19, 2017).

Hurt-Avila, Kara M. (Author & Presenter), Pender, Debra (Presenter), Association of Counselor Education and Supervision Annual Conference, "Stronger Together: Strategies for Merging Counselor Education/Rehabilitation Counseling Programs", Association of Counselor Education and Supervision, Chicago, IL. (October 6, 2017).

Kim, S.-H. (2017). *The effect of presence on consumers' responses to virtual mirror technology.*

Kim, Sun-Hwa, American Collegiate Retailing Association, "The effect of presence on consumers' responses to virtual mirror technology", Tampa, FL. (November 2017).

Koltz, Rebecca (Author & Presenter), Koltz, Daniel J. (Author & Presenter), Tarabochia, Dawn (Author & Presenter), Association of Counselor Education and Supervision, "Intergenerational Relationships Between Counselors in Training and the Aging Population.", Chicago, IL. (October 2017).

Mejia, Luis (Author & Presenter), **Kuo, Wan-Yuan** (Author), Beltrán-Velazquez, Filiberto (Author), WHO Technical Consultation, "Regulatory framework of multiple micronutrient interventions and the risk of excessive intake of vitamins and minerals", World Health Organization, Panamá City, Panamá. (October 4, 2017).

Halvorson, J. T., Byker, C., Seifert, J., **Miles, M.** (2017). *Perceptual Responses Of High Intensity Interval Training Among Overweight And Obese Individuals* (5th ed., vol. 49, pp. 114-114). MEDICINE AND SCIENCE IN SPORTS AND EXERCISE.

Miles, Mary, Woods, Jeffrey I. (Author & Presenter), Campbell, Sara C. (Author & Presenter), American College of Sports Medicine Annual Meeting and 7th World Congress on Exercise is Medicine, "Exercise, nutrition, and the gut microbiome", American College of Sports Medicine, Denver. (2017).

Miles, Mary (Author & Presenter), American College of Sports Medicine Annual Meeting and 7th World Congress on Exercise is Medicine, "The gut microbiome as a modulator of energy harvest and inflammation", American College of Sports Medicine, Denver. (2017).

Osborne, Sandra (Presenter), Annual Conference, Montana Gerontology Society, "Spirituality: What it Means, Why it Matters in Aging and the Human Spirit", Montana Gerontology Society, Great Falls, Montana. (April 7, 2017).

Ellsworth, Ann, Pennington, Sarah E. (Presenter), **Osborne, Sandra** (Presenter), Annual Conference, Montana Conference for Exceptional Children, "Good, better, best: Differentiated literacy instruction for student success", MCEC/MCASE, Missoula, MT. (February 16, 2017).

Owens, L., American Alliance of Health, Physical Education, Recreation, and Dance, "Personality matters: Understanding the Connection between Personality and Performance.", Tampa, FL.

Rink, Elizabeth, International Arctic Social Science Association, "Ethical Principles for Community Based Participatory Research with Finnish Sami Health Research", Umea, Sweden. (June 16, 2017).

Rink, Elizabeth, International Arctic Social Science Association, "Population Dynamics in Greenland: A multi-component mixed methods study of the dynamics of pregnancy in Greenland.", Umea, Sweden. (June 15, 2017).

Rink, Elizabeth, International Arctic Social Science Association, "What can we learn about CBPR in the Arctic?", Umea, Sweden. (June 15, 2017).

Schure, Mark B., INBRE Regional, "Computerized Cognitive Behavioral Therapy (cCBT): Acceptability of interactive digital health interventions for depression among rural Montanans", INBRE/RAIN, Big Sky, Montana. (June 26, 2017).

Halvorson, J. T., Byker, C., **Seifert, J.**, Miles, M. (2017). *Perceptual Responses Of High Intensity Interval Training Among Overweight And Obese Individuals* (5th ed., vol. 49, pp. 114-114). MEDICINE AND SCIENCE IN SPORTS AND EXERCISE.

Kipp, R., **Seifert, J.** (2017). *Sagittal plane helmet acceleration at pole contact of alpine ski racers is dependent on slalom pole type and skill level.* (vol. 21). Advances in Experimental Medicine and Biology.

Seifert, J., Society of Behavioral Medicine, "Relationship between body weight and quality of life issues among", Montreal Canada.

Zavala, Linnea (Author & Presenter), Synder, Corey (Author), Becker, James N. (Author), **Seifert, John** (Author), Annual Congress of International Society of Biomechanics in Sports, "Directional Compression and Muscle Activity in a Retired World Cup Alpine Skier", International Society of Biomechanics in Sports, Cologne, Germany. (July 2017).

LaVEaux, Deborah (Author & Presenter), **Simonds, Vanessa** (Author), Pickett, Velma (Author), "Water is Life: Utilizing Photovoice to empower our American Indian youth to transfer knowledge", American Public Health Association, Atlanta, GA. (November 6, 2017).

Simonds, Vanessa, Buckwald, Dedra, Changing Patterns of Cancer in Native Communities: Strength through Tradition and Science, "Too dense and too detailed: Exploring American Indian perspectives on the research consent process.", Spirit of EAGLES, American Indian/Alaska Native Leadership Initiative on Cancer, Niagara Falls, NY. (September 22, 2017).

Stewart, Craig, Society of Health and Physical Educators (SHAPE) national conference, "- Returning Academic Integrity to Physical Activity Courses: Old –Dog, New Tricks.", SHAPE, Boston, Mass. (March 2017).

Steward, Craig, National Coach Education Conference, "Determining Goals for Athletic Programs", Pittsburgh. PA.

Stewart, Craig, ACHPER International Conference, "Adding Knowledge and Respect to Physical Activity Courses in Higher Education:", Canberra, Australia. (January 2017).

Koltz, Rebecca (Author & Presenter), Koltz, Daniel J. (Author & Presenter), **Tarabochia, Dawn** (Author & Presenter), Association of Counselor Education and Supervision, "Intergenerational Relationships Between Counselors in Training and the Aging Population.", Chicago, IL. (October 2017).

VanSchenkof, Matthew E. (Author & Presenter), Estes, Brittany (Author & Presenter), MBAA International Conference, "A Crappy Day at Work: Prioritizing Workplace Emergencies", Chicago, IL. (March 2017).

VanSchenkof, Matthew E., Nelson, Eric (Author & Presenter), Meyer, Kendal (Author), MBAA International Conference, "Developing Trust in Housekeeping Staff: Leadership Efficacy", Chicago, IL. (March 2017).

Piercy, Cameron (Author), **VanSchenkof, Matthew E.** (Author & Presenter), Gladney, Keyonna (Author & Presenter), MBAA International Conference, "Failure Does Not Define Me: Self-Efficacy", Chicago, IL. (March 2017).

Nelson, Eric (Author & Presenter), **VanSchenkof, Matthew E.** (Author & Presenter), Brown, Chad (Author), MBAA International Conference, "Making Sense of Employee Behavior at a Restaurant: Making Sense of Employee Behavior Using Sensemaking", Chicago, IL. (March 2017).

Langlais, Michael R., Asay, Sylvia, **Vaterlaus, J. M.**, Walker, Anthony, National Council on Family Relations Annual Conference, "A qualitative examination of male enrollement in family science courses", National Council on Family Relations, Orlando, FL. (November 2017).

Vaterlaus, J. M., Tulane, Sarah, Porter, Brandon D., National Council on Family Relations Annual Conference, "Perceived digital influences on adolescent romantic relationships", National Council on Family Relations, Orlando, FL. (November 2017).

Stinson, Rachel, McEwen, Mallory, **Vaterlaus, J. M.**, Rocky Mountain Psychological Association Convention, "The lived experience of daily technology use in young adult married couples", Rocky Mountain Psychological Association, Salt Lake City, UT. (April 2017).

ORAL PRESENTATIONS (6)

Ahmed, Selena, World Food Center Workshop: Aligning the Food System to Meet Dietary Needs: Fruits and Vegetables, "Food Environment Metrics to Support Dietary Needs", University of California at Davis, University of California at Davis. (May 2017).

Byker, Carmen (Author), Haynes-Maslow, Lindsey (Author & Presenter), RWFJ Healthy Eating Research Grantee Meeting, "Rural Corner Store Owners' Perceptions of USDA's Minimum Stocking Requirements for SNAP". (April 2017).

Koltz, Rebecca, Wathen, Cristen, Forney, Luke, Hensen, Blair, **Franklin, Kathryn**, Association of Counselor Education and Supervision, "An exploration of Practicum Student Wellness", Chicago, IL. (October 2017).

Koltz, Rebecca, Wathen, Cristen, Forney, Luke, Hensen, Blair, Franklin, Kathryn, Association of Counselor Education and Supervision, "An exploration of Practicum Student Wellness", Chicago, IL. (October 2017).

Rink, Elizabeth, International Arctic Social Science Association, "Methodologies and Outcomes with Indigenous Populations in the Arctic", Umea, Sweden. (June 15, 2017).

Koltz, Rebecca, **Wathen, Cristen**, Forney, Luke, Hensen, Blair, Franklin, Kathryn, Association of Counselor Education and Supervision, "An exploration of Practicum Student Wellness", Chicago, IL. (October 2017)

WEBSITES (9)

Decker, K. B. *"Walk the walk" of routines based services through self-reflection.*

<http://veipd.org/earlyintervention/2017/10/03/walk-the-walk-of-routines-based-services-through-self-reflection/>

Gaston, M. E. *Food and Nutrition Magazine.* Chicago, IL:. www.foodandnutrition.org/Marcy-Gaston//

Harmon, A., *Montana Food System Council.* www.montanafood.org

Harmon, A., *Sustainable Food & Bioenergy Systems Degree Program.* www.sfbs.montana.edu

Harmon, A., *Sustainable Food and Bioenergy Systems.* www.sfbs.montana.edu

Hunts. H., *MAFCS, MACTE, IEFA,.* www.montana.edu/hhunts

Hunts. H., *Montana Association of Career and Technical Educators Family and Consumer Sciences Division.* <http://www.montana.edu/hhunts/FINAL%20MACTE%20WEBSITE/MAFCSE/index.html>

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<http://www.montana.edu/hhunts/MAFCS%20WEBSITE%20DEVELOPED%202008/index.html>

Paul, L. (2002). *MSU Extension Food and Nutrition Extension Website*.
<http://www.montana.edu/extensionnutrition/>

OTHER (POSTERS, WORKSHOPS, NEWSLETTER, EXTENSION, ETC.) (36)

Ahmed, S., Byker, C. (2017). *Wanted: Food Environment Measurement Tools*. Agriculture, Nutrition, and Health Academy Newsletter.

Ahmed, S. (2017). *Missing Wild and Cultivated Environments in Food Environment Measures*. Agriculture, Nutrition, and Health Academy Newsletter.

Bailey, S. *Positive Family Communication* (MT200916HR ed.). MSU Extension.
<http://msuextension.org/publications/HomeHealthandFamily/MT200916HR.pdf>

Bailey, S. *Family Coping and Stress* (MT201707HR ed.). Bozeman, MT: Montana State University Extension.

Bailey, S., Oelkers, A., Seilstad, K. J., Barber, J. R. (2017). *Reviewer* (MT201707HR ed., pp. 3.5).
<http://msuextension.org/publications/HomeHealthandFamily/MT201707HR.pdf>

Bailey, S. (2017). *Planning for the End of Life: Approaching End of Life Advanced Directives with Family Members* (MT201203 HR ed.). Bozeman: MSU Extension.

Fruhauf, C., **Bailey, S.** (2017). *The GRANDcares Project: Programs for grandparents, grandchildren, and service providers* (pp. 1). Brookdale Foundation of New York.

Bailey, Sandra, National Extension FCS Program Leaders Meeting, "Extension Agents Providing Mental Health Education Programs", USDA/NIFA, Omaha, NE. (October 18, 2017).

Byker, Carmen (Author), Bark, Katie (Author), Molly Stenberg (Author & Presenter), Food and Nutrition Expo, "Smarter Lunchroom Strategies Decrease Vegetable Waste", Academy of Nutrition and Dietetics. (October 2017).

Foster, Tricia (Author & Presenter), **Decker, Kalli B.** (Author), Leverett, Phoebe, Jarvis, Amanda, Michigan Division for Early Childhood Conference, "Practitioners' reports of everyday practice: Alignment with and barriers to recommended practices", Mt. Pleasant, MI. (April 28, 2017).

Foster, Tricia (Author & Presenter), **Decker, Kalli B.** (Author), Jarvis, Amanda, Leverett, Phoebe, Michigan Division for Early Childhood Conference, "Practitioners' views on building family capacity: A focus group discussion", Mt. Pleasant, MI. (April 28, 2017).

Franklin, K. *Park High School Counseling Program Evaluation & Effectiveness*. Livingston, MT: Livingston School District.

Dustin, Kidd T. (Author & Presenter), Zhu, Wei (Author), **Heil, Daniel** (Author), 2017 ACSM Northwest Conference, "Comparing Digital Thumb and Thumbnail Measurements Between Left and Right Hands", ACSM Northwest Chapter, Bend, OR. (2017).

Zhu, Wei (Author & Presenter), **Heil, Daniel** (Author), 2017 ACSM Northwest Conference, "Lower Serum 25(OH)D Concentration is Associated With Higher Risks for Cardiometabolic Disorders in Chinese Adults", ACSM Northwest Chapter, Bend, OR. (2017).

Heil, Daniel (Author & Presenter), Pribanic, Kimberly A. (Author), Whalen, Lisa M. (Author), 4th International Congress on Soldiers' Physical Performance, "The energetic consequences of wearing a belt-supported armored vest during overground hiking", Department of Defense - Science & Technology (Australia), Melbourne, Australia. (2017).

Heil, Daniel (Author & Presenter), Brown, Blakely (Author), Harris, Kari J. (Author), Tryon, Mike (Author), Zhu, Wei (Author), 5th International Conference on Ambulatory Monitoring of Physical Activity and Movement, "Characterizing Sleep Quality Outcomes for Children Using a Wrist-Worn Accelerometry-Based Activity Monitor", International Society for the Measurement of Physical Behaviour, Bethesda, MD. (2017).

Howe, Raeanna B. (Author & Presenter), McCormick, Alma (Author), **Held, Suzanne** (Author), American Public Health Association, "Counting Coup: Development of an Indigenous goal setting tool", American Public Health Association, Atlanta, Georgia. (November 2017).

Nitzinger, Violeta (Author & Presenter), **Held, Suzanne** (Author), Kevane, Bridget (Author), Eudave, Yanet (Author), Danielle, Hess (Author), American Public Health Association, "Latinx health perceptions in rural Montana: Engaging Promotores de Salud using photovoice through Facebook", American Public Health Association, Atlanta, Georgia. (November 2017).

BullShows, Brianna (Author & Presenter), **Held, Suzanne** (Author), McCormick, Alma (Author), National Native Health Research Training Conference, "Importance of healthy patient-provider interactions", Native Health Research, Denver, CO. (September 2017).

Hunts, Holly (Author), Dunkel, Florence (Author), Bangert, Arthur (Author), Thienes, Michael (Author & Presenter), Annual Meeting of the Entomology Society of America, "Acceptability & Preference Motivations to Consume Edible Insects: A Comparison Across The ESA-North Central Branch, The Montana Association of Family & Consumer Sciences, and The Southern California Institute of Food Technologists", Entomology Society of America, Denver, CO. (November 8, 2017).

Hunts, Holly (Author), Dunkel, Florence (Author & Presenter), Bangert, Arthur (Author), Rollin, James (Author & Presenter), Thienes, Michael (Author & Presenter), Zahner, Claire (Author & Presenter), Annual Meeting of the Entomology Society of America, "Edible Insects: A Longitudinal Study of Acceptability and Preference Motivations of Students, Staff and Faculty of Montana State University and the Citizens of Bozeman, Montana and Nearby Areas", Entomology Society of America, Denver, CO. (November 8, 2017).

Hunts, Holly (Author), Dratz, Edward (Author), Britten, Wilson (Author), Rothe, Colleen (Author), Pennell, Ellie (Author), Izurieta, Clemente (Author), Trevor, Huffmaster (Author), Yeoh, Biancaa (Author), Annual Meeting American Council on Consumer Interests, "NuMo – Interdisciplinary app development in the consumer interest.", American Council on Consumer Interests, Albuquerque, NM. (April 22, 2017).

Vella, Chantal A. (Author & Presenter), Allison, Matthew A. (Author), Cushman, Mary (Author), Jenny, N S. (Author), **Miles, Mary**, Larsen, B (Author), Lakoski, Susan G. (Author), Michos, E D. (Author), Blaha, M J. (Author), American Heart Association Epidemiology and Prevention/ Lifestyle and Cardiometabolic Health conference, "Physical activity and adiposity-related inflammation: The MESA", American Heart Association, Portland. (2017).

Ferrara, Philip (Author & Presenter), Becker, James N. (Author), **Seifert, John** (Author), 69th Annual Meeting of the American College of Sports Medicine, "Changes in Bilateral Hand Force After 30 Minutes of Climbing in Elite Level Rock Climbers", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Schroeder, Cailyn (Author & Presenter), Bessert, Samantha (Author), **Seifert, John**, Becker, James N., 69th Annual Meeting of the American College of Sports Medicine, "Differences in Ground Reaction Forces When Collegiate Quarterbacks Throw Using Different Drop Patterns", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Bessert, Samantha (Author & Presenter), Schroeder, Cailyn (Author), **Seifert, John**, Becker, James N., 69th Annual Meeting of the American College of Sports Medicine, "Effects of Foot Placement on the Kinematic Sequencing in Different Quarterback Drop Patterns", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Snyder, Corey (Author & Presenter), Becker, James N., **Seifert, John**, 69th Annual Meeting of the American College of Sports Medicine, "Influence of Directional Compression Tights on Muscle Activity and Performance in Recreational Alpine Skiers", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Snyder, Corey (Author & Presenter), Zavala, Linnea (Author), **Seifert, John** (Author), Becker, James N. (Author), Northwest Biomechanics Symposium, "Effects of Directional Compression on Muscle Activity in a Retired World Cup Alpine Skier", American Society of Biomechanics, Eugene, OR. (May 19, 2017).

Simonds, Vanessa, Kim, Frances, LaVeaux, Deborah, Pickett, Velma, Cummins, Jason, "Community-Based Pilot Project to Increase Environmental Health Literacy in a Native American Community", American Public Health Association, Atlanta, GA. (November 7, 2017).

Simonds, Vanessa, Kim, Frances, LaVeaux, Deborah, Cummins, Jason, NIH IDeA Western Regional Conference, "Community-Based Pilot Project to Increase Environmental Health Literacy in a Native American Community", Jackson, WY. (October 18, 2017).

Tarabochia, Dawn, DesLauriers, Katie, Vaterlaus, J. M., O'Leary, Bryant, National Council on Family Relations Annual Conference, "The conceptualization of the definition of health by adolescent-parent triads", National Council on Family Relations, Orlando, FL. (November 2017).

DesLauriers, Katie, O'leary, Bryant, **Tarabochia, Dawn**, Vaterlaus, J. M., Rocky Mountain Psychological Association Convention, "How do Adolescent-Parent Triads Conceptualize the Concept of Health?", Rocky Mountain Psychological Association, Salt Lake City, UT. (April 2017).

Tarabochia, Dawn, DesLauriers, Katie, **Vaterlaus, J. M.**, O'Leary, Bryant, National Council on Family Relations Annual Conference, "The conceptualization of the definition of health by adolescent-parent triads", National Council on Family Relations, Orlando, FL. (November 2017).

DesLauriers, Katie, O'leary, Bryant, Tarabochia, Dawn, **Vaterlaus, J. M.**, Rocky Mountain Psychological Association Convention, "How do Adolescent-Parent Triads Conceptualize the Concept of Health?", Rocky Mountain Psychological Association, Salt Lake City, UT. (April 2017).

Frantz, Kala, Robecker, Tracey, **Vaterlaus, J. M.**, Rocky Mountain Psychological Association Convention, "Pokemon Go: An exploratory study of college student usage and perceived consequences", Rocky Mountain Psychological Association, Salt Lake City, UT. (April 2017).

Spruance, Lori A., Karmakar, Monita, **Vaterlaus, J. M.**, Kruger, Jessica S., American Academy of Health Behavior Annual Conference, ""Just one more episode" Correlations between binge TV watching and health behaviors among college students", American Academy of Health Behavior, Tucson, AZ. (March 2017).

WORKING PAPERS (46)

Bailey, S., Letiecq, B., Visconti, K., Tucker, N. *Rural Native and European American Custodial Grandparents: Stressors, Resources, and Resilience*. *Journal of Cross-Cultural Gerontology*.

Lee, D., Maltz, N., **Becker, J. N.**, Cotter, J., Rozenek, R. Effects of Training on a Lower Body Positive Pressure Treadmill at Different Levels of Body Weight Support. *Journal of Strength and Conditioning Research*.

Nakajima, M., Burns, K., **Becker, J. N.**, Vargas, T., Wu, W. An Augmented Pre-Participation Examination for Predicting Injury Among Collegiate Athletes. *Journal of Athletic Training*.

Borgia, B., **Becker, J. N.** Lower Extremity Stiffness When Running in Minimalist, Traditional, and Ultra-Cushioning Shoes. *Footwear Science*.

Becker, J. N., Nakajima, M., Wu, W. Factors Contributing to the Development of Medial Tibial Stress Syndrome in Runners: A Prospective Study. *Medicine and Science in Sports and Exercise*.

Flores, V., **Becker, J. N.**, Burkhardt, E., Cotter, J. Knee Kinetics During Squats of Varying Loads and Depths in Recreationally Trained Females. *Journal of Strength and Conditioning Research*.

Vidal, A., Nakajima, M., Wu, W., **Becker, J. N.** Movement Screens: Are We Measuring Movement Dysfunction or Movement Skill. *International Journal of Sport Science and Coaching*.

Flores, Victoria (Author & Presenter), **Becker, James N.** (Author), Cotter, Joshua (Author), Experimental Biology, "EMG Activity of Four Lower Body Muscles During the Back Squat with Three Depths and Loads in Recreationally Trained Females", Experimental Biology, San Diego, CA. (December 29, 2017).

Ferrara, Philip (Author & Presenter), **Becker, James N.** (Author), Seifert, John (Author), 69th Annual Meeting of the American College of Sports Medicine, "Changes in Bilateral Hand Force After 30 Minutes

of Climbing in Elite Level Rock Climbers", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Schroeder, Cailyn (Author & Presenter), Bessert, Samantha (Author), Seifert, John, **Becker, James N.**, 69th Annual Meeting of the American College of Sports Medicine, "Differences in Ground Reaction Forces When Collegiate Quarterbacks Throw Using Different Drop Patterns", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Bessert, Samantha (Author & Presenter), Schroeder, Cailyn (Author), Seifert, John, **Becker, James N.**, 69th Annual Meeting of the American College of Sports Medicine, "Effects of Foot Placement on the Kinematic Sequencing in Different Quarterback Drop Patterns", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Wilson, Scott (Author & Presenter), Goodman, William (Author), Casillas, Christopher (Author), Zavala, Linnea (Author), **Becker, James N.** (Author), 69th Annual Meeting of the American College of Sports Medicine, "Improving Posterior-Chain Engagement and Forward Lean During the Front Squat", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Snyder, Corey (Author & Presenter), **Becker, James N.**, Seifert, John, 69th Annual Meeting of the American College of Sports Medicine, "Influence of Directional Compression Tights on Muscle Activity and Performance in Recreational Alpine Skiers", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Becker, James N. (Author & Presenter), Borgia, Brianne (Author), 69th Annual Meeting of the American College of Sports Medicine, "Kinematics and Muscle Activity While Running in Minimalist, Neutral, and Ultra-Cushioning Shoes", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Casillas, Christopher (Author & Presenter), Zavala, Linnea (Author), Danzer, Heather (Author), **Becker, James N.** (Author), 69th Annual Meeting of the American College of Sports Medicine, "Relationship Between First Metatarsal Motion and Metatarsal Loading During Walking", American College of Sports Medicine, Minneapolis, MN. (November 1, 2017).

Balendran, R. (Author), Gill, G. (Author), **Becker, James N.** (Author), Nakajima, M. (Author), Vargas, T. (Author), Wu, W. (Author & Presenter), Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity, "Utilizing a Proprioceptive Priming Technique to Enhance Start Mechanics in Sprinting", North American Society for the Psychology of Sport and Physical Activity, San Diego, CA. (June 2017).

Becker, James N. (Author & Presenter), Nakajima, M. (Author), Wu, W. (Author), Annual Meeting of the American College of Sports Medicine, "Biomechanical Factors Associated with Medial Tibial Stress Syndrome in Runners: A Prospective Study", American College of Sports Medicine, Denver, CO. (May 2017).

Spitzley, K. (Author & Presenter), **Becker, James N.** (Author), Annual Meeting of the American College of Sports Medicine, "Joint Loading While Jumping on a Pilates Reformer", American College of Sports Medicine, Denver, CO. (May 2017).

Brown, Robert (Author & Presenter), Wu, Will (Author), Nakajima, Mimi (Author), Vargas, Tiffanye (Author), **Becker, James N.**, Northwest Biomechanics Symposium, "A Proprioceptive Intervention for Improving Sprint Start Performance", American Society of Biomechanics, Eugene, OR. (May 20, 2017).

Snyder, Corey (Author & Presenter), Zavala, Linnea (Author), Seifert, John (Author), **Becker, James N.** (Author), Northwest Biomechanics Symposium, "Effects of Directional Compression on Muscle Activity in a Retired World Cup Alpine Skier", American Society of Biomechanics, Eugene, OR. (May 19, 2017).

Vallotton, C., Cook, G., Chazan-Cohen, R., **Decker, K. B.**, Gardner-Neblett, N., Lippard, C., Harewood, T. The Collaborative for Understanding the Pedagogy of Infant/toddler Development: A cross-university, interdisciplinary effort to transform a field through SOTL. In J. Friberg & K. McKinney (Ed.), *Conducting and applying SoTL beyond the individual classroom level*. Bloomington, IN: Indiana University Press.

Decker, K. B., Vallotton, C., Skibbe, L., Foster, T., Chang, T. The pragmatic language of mothers and children with specific language impairment during free play and book reading scenarios.

Decker, K. B., Foster, T., Foote, A. Parents' perceptions of Part C early intervention services for infants and toddlers with hearing loss. *Child: Care, Health, & Development*.

Dunbar, E. T., Sias, S. M., Leierer, S., Atherton, W. L., Campbell, R., Goodwin, L. R. (2017). Mental Health Professionals' Attitudes toward Clients with Antisocial Personality Disorder.

Dunbar, E. T., Goodwin, L. R., Sias, S. M. The Silent Treatment: Meditative Interventions for Antisocial Personality Disorder.

Elliott, A. H., Kleist, D. Pedagogical Perspectives on Counselor Education: An Autoethnographic Experience of Doctoral Student Development. *Journal of Counseling Leadership and Advocacy*.

Elliott, A. H. Strengths-Based Gatekeeping: Infusing Strengths Characteristics into an Emergent Model of Gatekeeping. *Journal for the Advancement of Counseling*, 25

Franklin, K. *Exploring the Essence of Supervision in Professional School Counseling in Montana: A Qualitative Study*.

Franklin, K. *School Counseling Supervision: Training Models & Increasing Opportunities Through Digital Learning*.

Franklin, K. *Understanding School Counseling Supervision*.

Hunts, H., Dratz, E., Trottier, M. G., Gates, C. R., Newsom, R. Truths About the Food Distribution Program on Indian Reservations. *International Journal of Indigenous Food, Agriculture, Nutrition and Wellbeing*, 1(1), 10.

Hunts, H., Preparing teacher candidates in Family and Consumer Sciences to integrate Indian Education For All.

Dratz, E., Britten, W., Rothe, C., Pennell, E., Brester, K., **Hunts, H.**, Izurieta, C. *NuMo Nutritional Monitoring App*. Bozeman:.

Hensen, B., **Koltz, R.** Counseling Older Men: Best Practices for Group Counseling. *Adultspan*

Lux, C. Administrator Perceptions of Teacher Preparedness.

Osborne, S. S. *A Timeline of Domestic Economy at Montana State University.*

Owens, Lynn. The Effects of Injury on Personality of NCAA D-I Football Student Athletes. *Athletic Therapy Today.*

Eldridge, G., **Paul, L.** Parents improve ability to support positive preteen body image after participation in a multidisciplinary parent-centered healthy lifestyle program. *Journal of Nutrition Education and Behavior.* ees.elsevier.com/jneb

Goins, R. T., Jones, J., **Schure, M. B.** Type 2 Diabetes management among older American Indians: Beliefs, attitudes, and practices. *Ethnicity and Health.*

Schure, M. B., Goins, R. T., Jones, J., Winchester, B., Bradley, V. Dietary beliefs and management of older American Indians with Type 2 Diabetes. *Journal of Nutrition, Health, and Aging.*

LaVeaux, D., **Simonds, V.,** Pickett, V., Cummins, J., Calkins, E. Developing a Curriculum for Change: Water & Environmental Health Literacy in a Native American Community. *Progress in Community Health Partnerships: Research, Education, and Action.*

Stewart, C. Coaching the Millennial Athlete. *Strategies.*

Wilson, S., **Vaterlaus, J. M.,** Beck, A. Life Values in Adolescence and Young Adulthood: Similarities and Differences by Urbanicity and Time. *Journal of Adolescence.*

Vaterlaus, J. M., Frantz, K., Robecker, T. "Reliving my dream of being a Pokemon trainer": An exploratory study of college student uses and gratifications related to Pokemon Go. *International Journal of Human-Computer Interaction.*

Vaterlaus, J. M., Spruance, L. A., Frantz, K., Kruger, J. S. An exploratory study of college student television binge watching: Conceptualization, gratifications, and perceived consequences. *International Journal of Cultural Studies.*

Vaterlaus, J. M., Cottle, N. M., Patten, E. V., Gibbons, R. Understanding Customers: The Jobs to Be Done Theor Applied in the Context of a Rural Food Pantry. *Journal of the Academy of Nutrition and Dietetics.*

TECHNICAL REPORT (1)

Decker, K. B. *Montana Milestones Part C Early Intervention Program SSIP Phase III.*
<http://dphhs.mt.gov/Portals/85/dsd/documents/DDP/PartC/ProviderAPRDeterminations/MontanaMilestonesPhaseIII-ImplementationReport2017.pdf>

2017 'other' (non-peer reviewed) Health & Human Development Faculty

CONFERENCES (18)

LECTURES (4)

ORAL PRESENTATIONS (22)

OTHER (POSTERS, WORKSHOPS, ETC.) (20)

CONFERENCES (19)

Stoy, Paul, Gerken, Tobias, Bromley, Gabriel, **Ahmed, Selena**, Bauer, Brad, Brookshire, Elan, Haggerty, Julia, Jarchow, Meghann, Miller, Perry, Peyton, Brent, Rashford, Ben, Spangler, Lee, Swanson, David, Taylor, Suzi, Poulter, Benjamin, Ecological Society of America 2017 Annual Meeting, "The food-water-energy-biodiversity-social systems nexus in the Upper Missouri River Basin: Agricultural intensification has led to regional summer cooling, but need it be at the expense of biodiversity?", Ecological Society of America, Portland, OR. (August 2017).

Stoy, Paul, Bromley, Gabriel, Gerken, Tobias, Tang, Angela, Morgan, Mallory, Wood, David, **Ahmed, Selena**, Bauer, Brad, Brookshire, Elan, Haggerty, Julia, Jarchow, Meghann, Miller, Perry, Peyton, Brent, Rashford, Ben, Spangler, Lee, Swanson, David, Taylor, Suzi, Poulter, Benjamin, European Geosciences Union General Assembly 2017, "Regional summer cooling from agricultural management practices that conserve soil carbon in the northern North American Great Plains", European Geosciences Union, Vienna, Austria. (April 2017).

Grimberg De Menalled, Bruna (Author), Menalled, Fabian (Author & Presenter), Mangold, Jane (Author), **Ahmed, Selena** (Author), Ellis, Colter, Miller, Zachariah, 70th meeting of the Western Society of Weed Science, "Agricultural professionals' perceptions about climate change", Western Society of Weed Science, Coeur d'Alene, ID. (March 16, 2017).

Ahmed, Selena, Keil, Deborah E. (Author), Toronto Tea Festival, "Bootstrapping a Tea Study: An Analysis of Organic vs. Conventionally Farmed Teas", Toronto Tea Festival, Canada. (January 2017).

Ahmed, Sarah. Applying a Food-Energy-Water Nexus Framework for Modeling Global Climate Stabilization Scenarios that Support Food Security. 2nd Agriculture and Climate Change Conference: Climate Ready Resource Use-Efficient Crops to Sustain Food and Nutritional Security. Spain.

Ahmed, Sarah. Climate Effects on Crop Quality and Agroecological Adaptation: A Case Study on Tea. 2nd Agriculture and Climate Change Conference: Climate Ready Resource Use-Efficient Crops to Sustain Food and Nutritional Security. Spain.

Bailey, Sandra, Schure, Mark B., Montana Farm Bureau Federation Conference, "An Overview of Mental Health Resources for Rural Montana", Montana Farm Bureau, Billings, MT. (November 13, 2017).

Schure, Mark B., **Bailey, Sandra**, Montana Gerontology Conference, "THRIVE: An interactive digital cognitive behavior therapy (cCBT) program for Montana caregivers", Montana Gerontology Society, Great Falls, MT. (April 7, 2017).

Peterson, Megan (Author & Presenter), Feigel, Alexandra (Author), Horner, Kami (Author), Allen, Simone (Author), Meldrum, Jacie (Author), **Decker, Kalli B.** (Author), Student Research Celebration, "A longitudinal study of parent and child language during play", Montana State University. (April 21, 2017).

Jarvis-Belleville, Amanda (Author & Presenter), Leverett, Phoebe (Author), Meldrum, Jacie (Author), Feigel, Alexandra (Author), Horner, Kami (Author), **Decker, Kalli B.** (Author), Student Research Celebration, "Parents of children with disabilities and their experiences with Montana's early intervention services", Montana State University. (April 21, 2017).

Feigel, Alexandra (Author & Presenter), Peterson, Megan (Author), Allen, Simone (Author), Horner, Kami (Author), Meldrum, Jacie (Author), **Decker, Kalli B.** (Author), Student Research Celebration, "Quantities of adult language and how it affects child language development", Montana State University. (April 21, 2017).

Gaston, Marcy E., Slow Food Whidbey Island Presentation, "Lentils: Pantry Gems", Slow Food Whidbey Island, Coupeville, WA. (January 28, 2017).

Hunts, Holly (Author & Presenter), Dratz, Edward, Regional Alliance of INBRE Networks - RAIN, "Testing for Small Intestine Bacterial Overgrowth and Lactose Intolerance in Indian Country", Regional Alliance of INBRE Networks - RAIN, Big Sky, MT. (June 25, 2017).

Lux, Christine, MTEYC annual conference, "Ethics in Early Childhood: Applying our Values to our Professional Work", MT Association for the Education of Young Children, Helena, MT. (October 2017).

Lux, Christine, Montana Behavioral Institute annual conference, "Farm to Early Care and Education: Promising Practices in Experiential Education and Health and Wellness", MT Office of Public Instruction, Bozeman, MT. (June 2017).

Yeoman, Carl (Author & Presenter), **Rink, Elizabeth** (Author), American Indian - Alaska Native Center for Translational Research Conference, "Determining Psycho-Social, Behavioral, Environmental, and Biochemical Risk Factors And Rates Of Bacterial Vaginosis Among American Indian Populations on the Ft. Peck Reservation; An Important Explanatory Factor Potentially Underlying Elevated Rates of Reproductive & Obstetric Complications", AIAN-CTR, Bozeman, MT. (April 10, 2017).

Bailey, Sandra, **Schure, Mark B.**, Montana Farm Bureau Federation Conference, "An Overview of Mental Health Resources for Rural Montana", Montana Farm Bureau, Billings, MT. (November 13, 2017).

Schure, Mark B., Bailey, Sandra, Montana Gerontology Conference, "THRIVE: An interactive digital cognitive behavior therapy (cCBT) program for Montana caregivers", Montana Gerontology Society, Great Falls, MT. (April 7, 2017).

Simonds, Vanessa, Building Bridges – Promoting Health Equity and Health Literacy, "Working with Native Americans on Environmental health issues", Institute for Healthcare Advancement, Irvine, CA. (May 4, 2017).

LECTURES (4)

Ahmed, Sarah. Environmental and Management Effects on Tea Quality. University of California at Davis

Elliott, Anna H., "Diversity and Inclusion in your classroom: Facilitating Dialogue", EHHD Leadership Institute, Bozeman, MT. (November 3, 2017).

Gaston, Marcy E., MSU Friday, "MSU Friday Sample Lecture", MSU, SUB Ballroom C. (October 20, 2017).

Vaterlaus, J. M., EHHD Faculty Excellence Lecture Series, "'I Do and I Understand": Helping students DO more in the classroom", EHHD, Bozeman, MT. (March 2017).

ORAL PRESENTATIONS (22)

Ahmed, Selena, Northeast Climate Center, Amherst, "What are the Impacts of Climate Change on Maple Syrup Production and Can We Manage for Them?", UMass Amherst, UMass Amherst. (November 2017).

Ahmed, Selena, Agriculture to Nutrition Community of Practice Webinar, United Nations Standing Committee on Nutrition, "Building Student Capacity to Lead Sustainability Transitions for Reducing Food Waste", Agriculture to Nutrition Community of Practice. (November 2017).

Bailey, Sandra. Your Developing Grandchild. Parenting A Second Time Around. MSU Extension Grandparents Project. Bozeman, MT.

Ahmed, Selena, **Byker, Carmen**, Regional Alliance of INBRE Networks Meeting, "Food, Diets, and Health: Community-Based Research on the Flathead Indian Reservation of the Salish and Kootenai Tribes", INBRE, Big Sky, MT. (June 2017).

Byker, Carmen (Author & Presenter), Haynes-Maslow, Lindsey (Author), RWFJ Healthy Eating Research Grantee Meeting, "Arguments used to Support or Oppose Public Comments Submitted in Response to the USDA's Minimum Stocking Requirements: A Content Analysis". (April 2017).

Byker, Carmen (Author), Bark, Katie (Author & Presenter), Stenberg, Molly (Author), Food and Nutrition Expo, "Smarter Lunchroom Strategies Increases Vegetable Selection at Salad Bars", Academy of Nutrition and Dietetics. (October 2017).

Decker, Kalli B. (Author & Presenter), Montana State University Outreach & Engagement Council meeting, "Overview and summary: Parents' experiences of Montana Milestones", Montana State University Outreach & Engagement Council, Bozeman, MT. (September 28, 2017).

Meldrum, Jacie (Author & Presenter), **Decker, Kalli B.** (Author), Montana IDEa Network of Biomedical Research Excellence Meeting, "Parents' experiences with Montana's early intervention services: A longitudinal study", Montana State University. (July 11, 2017).

Decker, Kalli B., Presented for the Support and Techniques for Empowering People (STEP) Program, "Parents' experiences of Montana's Part C services: Preliminary Research Findings for the State & STEP", Billings, MT. (June 2, 2017).

Decker, Kalli B., Presented for Montana's Family Support Services Advisory Council, "Updates and next steps for Part C research in Montana", Helena, MT. (May 2, 2017).

Decker, Kalli B., Presented for Family Outreach, Bozeman, MT., "Parents' experiences of Montana's Part C services: Preliminary Research Findings for the State & Early Childhood Intervention- Billings.". (March 1, 2017).

Decker, Kalli B., Presented for Early Childhood Intervention, Billings, MT., "Parents' experiences of Montana's Part C services: Preliminary Research Findings for the State & Early Childhood Intervention- Billings.". (February 22, 2017).

Decker, Kalli B., Presented for the Developmental Educational Assistance Program, Miles City, MT., "Parents' experiences of Montana's Part C services: Preliminary Research Findings for the State & Early Childhood Intervention- Billings.". (February 13, 2017).

Decker, Kalli B., Presented for Family Outreach, Helena, MT., "Parents' experiences of Montana's Part C services: Preliminary Research Findings for the State & Family Outreach- Helena.". (February 8, 2017).

Decker, Kalli B., Presented for Hi-Line Home Programs via a conference call., "Parents' experiences of Montana's Part C services: Preliminary research findings for the state & Hi-Line Home Programs.". (January 19, 2017).

Decker, Kalli B., Presented for the Montana Part C Family Support Services Advisory Council via WebEx., "Parents' experiences of Montana's Part C services: Preliminary research findings.". (January 10, 2017).

Heil, Daniel, Invited presentation to the Asian Women's Walking Football League, "The Health Benefits of Exercise for Aging Adults", Asian Women's Walking Football League, Singapore. (2017).

Lux, Christine, Early Care and Education training, "Professionalism in Early Childhood", Child Care Connections, Bozeman, MT. (April 2017).

Owens. L., "MSU Affirmative Action Team Training Workshop", MSU Affirmation Action. Bozeman, MT.

Bailey, Sandra, **Schure, Mark B.**, Montana DPHHS Alzheimer's Work Group, "THRIVE for Caregivers", Helena. (August 29, 2017).

Stewart, Craig. AAHPERD, "Preparation for Profession in HHD", San Diego.

Kaminski, Kayte, **Vaterlaus, J. M.**, Facilitated Town Hall, "Using generational knowledge of students and ourselves in working with students", College of Education, Health and Human Development, Bozeman, MT. (February 2017).

OTHER (POSTERS, WORKSHOPS, ETC.) (20)

Stoy, Paul, **Ahmed, Selena**, Goemann, Hannah, Gerace, Selena, Rough Cut Seminar Series, "'OIA 1632810: RII Track-2 FEC: Sustainable socio-economic, ecological, and technological scenarios for achieving global climate stabilization through negative CO2 emission policies" Track-2 Update", Montana Institute on Ecosystems, MSU. (September 2017).

Ahmed, Selena, 2017 Food Systems Workshop, Teaching about Food Systems: Creating a Community of Practice, "Building Student Capacity to Lead Sustainability Transitions in the Food System through Farm-based Authentic Research Modules in Sustainability Sciences (FARMS)", Columbia University, Columbia University. (June 2017).

Ahmed, Selena, Byker, Carmen, Regional Alliance of INBRE Networks Meeting, "Food, Diets, and Health: Community-Based Research on the Flathead Indian Reservation of the Salish and Kootenai Tribes", INBRE, Big Sky, MT. (June 2017).

Ahmed, Selena, Track-1 All-Hands Meeting and IoE Science Summit, "Applying a Food-Energy-Water Nexus Framework for Modeling Global Climate Stabilization Scenarios that Support Food Security", IoE, MSU. (April 2017).

Bailey, Sandra, Mental Health Scholars Forum, "Preparing Extension to Deliver Mental Health Educational Programs", MSU-Bozeman. (January 31, 2017).

Colton, Nancy J. (Leader), Fall Inservice Workshop for Bozeman elementary health enhancement teachers, "In service workshop", Bozeman School District, Meadowlark School. (August 24, 2017).

Decker, Kalli B., Journal of Early Intervention Podcasts, "Early intervention for children with hearing loss: Information parents receive about supporting children's language", Online - Podcast. (March 27, 2017).

Meldrum, Jacie (Author & Presenter), **Decker, Kalli B.** (Author), Montana IDeA Network of Biomedical Research Excellence Poster Session, "A longitudinal study of parents' experiences with early intervention services in Montana", Montana State University. (August 3, 2017).

Franklin, Katey T. (Author & Presenter), Montana Wilderness School, "Mental Health & Substance Use in Adolescence", Instructor Training, Bozeman, MT. (June 2017).

Franklin, Katey T. (Panelist), Special Needs Exposition, "Swim Team: Addressing the Stigma of Disabilities", SEPTA, Bozeman, MT. (May 2017).

Gaston, Marcy E., Diffenderfer, Anna, Montana Dietetic Internship Workshop, "Culinary Medicine Workshop", Montana Dietetic Internship, Bozeman. (August 2017).

Gaston, Marcy E., School Nutrition Association Conference, "Power of the Pulse", School Nutrition Association, Billings, MT. (June 29, 2017).

Gaston, Marcy E. (Author & Presenter), Diffenderfer, Anna (Author & Presenter), Montana Academy of Nutrition and Dietetics Annual Conference, "Culinary Medicine", Montana Academy of Nutrition and Dietetics, Billings, MT. (June 7, 2017).

Gaston, Marcy E., Montana State University Extension Workshop, "Basic Vegetable Cooking", Montana State University Extension, Bozeman. (May 2, 2017).

Stanton, Christine, **Held, Suzanne**, "Community-Based participatory research", College of EHHD, Bozeman, MT. (December 1, 2017).

Koltz, Rebecca. An exploration of Practicum Student Wellness. Association of Counselor Education and Supervision. Chicago, IL.

Lux, Christine, Division for Early Childhood annual conference, "Universal Online EI Curriculum: Join the Trek From Foothills, Peaks, and Beyond.", Division for Early Childhood, Portland, OR. (October 2017).

Martin, Christine, **Simonds, Vanessa**, Lefthand, Myra, Doyle, John, Eggers, Margaret, Young, Sara, Water in a Changing Environment, "Perceptions of Safe Water, Crow Water Quality Project", Universities Council on Water Resources/National Institutes for Water Resources, Fort Collins, CO. (June 13, 2017).

Stewart, Craig, Administration and coaching staff of Bridger Ski Foundation,, "The practical application of the USOC's American Developmental Model", Bozeman MT. (December 2017).

Baskin, William (Presenter), **VanSchenkof, Matthew E.** (Presenter), 2017 MSU Extension Annual Meeting, "Knife Skills & an Introduction to Pickling", Montana State University Extension, Bozeman, MT. (October 15, 2017).

Sponsored Programs

**Health and Human Development proposal submissions
from January 1, 2017 through December 31, 2017**

<u>Submit date</u>	<u>HHD Faculty</u>	<u>Collaborators</u>	<u>Submission agency</u>	<u>Project title</u>	<u>Funding request</u>	<u>Funding status</u>
2/15/2017	Ahmed, Selena		NIH	Enhancing Dietary Quality and Health Outcomes through a Multiple Phase Fruit and Vegetable Intervention for FDPIR Participants on the Flathead Reservation	\$74,903	Awarded
5/30/2017	Ahmed, Selena	Carmen Byker Shanks, Mary Stein	USDA-HEC	Advancing an Inclusive Food Systems Curriculum based on a Signature Pedagogy	\$749,672	Awarded

1/19/2017	PI Perry Miller, LRES	Selena Ahmed	USDA National Institute of Food and Agriculture	Closing the Economic and Yield Gap Between Tilled and Strategically Grazed Organic Cropping Systems	\$1,000,000	Rejected
11/15/2016	PI Paul Stoy, LRES	Selena Ahmed	NSF	CNH-L: The coupled relationship between summer climate and land management in the northern Great Plains	\$1,799,999	Rejected
5/22/2017	Bark, Katie		OPI	2017 Montana Team Nutrition Training Grant	\$470,000	Awarded
2/17/2017	Becker, Jim		ITHS	Do High Risk Stress Fractures Negatively Impact Foot Function?	\$10,000	Rejected
5/4/2017	PI Michael Everts (Arch)	Elizabeth Bird	NEA	Public Architecture in the Native Landscape: Creation of a Buffalo "Vision Tower" on the Fort Peck Indian Reservation	\$10,000	Rejected
4/3/2017	Bird, Elizabeth	Christine Lux	Browning Kimball Foundation	A Head Start Buffalo People Curriculum Proposal	\$21,818	Rejected
3/24/2017	Bird, Elizabeth		National Park Service Tribal Preservation Program	Fort Peck Tribes Cultural Preservation through Story Telling Media	\$40,000	Awarded
4/10/2017	Byker Shanks, Carmen		NIH/CAIRHE	Promoting Dietary Quality at FDPIR through a Fruit & Vegetable Intervention	\$74,992	Awarded
4/25/2017	Decker, Kalli		Foundation for Child Development/UMASS	CUPID Dataset Preparation	\$6,000	Awarded
1/1/2017	Early Childhood Project		Montana DPHHS	MT Preschool Development-Workforce Financial Assistance	\$694,076	Awarded
1/1/2017	Early Childhood Project		Montana DPHHS	MT Preschool Development-Workforce Development	\$84,941	Awarded

2/5/2017	Dan Heil		University of Montana	Generations Health Project	\$354,778	Rejected
5/1/2017	Held, Suzanne	Alma McCormick, Mark Schure	NIH	Diversity supplement to existing grant: Improving Chronic Illness Management with the Apsaalooke Nation: The Baa nnilah Project	\$110,208	Rejected
6/28/2017	Lux, Christine		USDA/Northeastern	Farm to ECE for Obesity Prevention: Building Workforce Capacity	\$203,480	Rejected
6/15/2017	Miles, Mary		AI-AN Center for Translational Research	Exploring feasibility of a pilot project to improve diabetes management for MT AI Communities - Development	\$55,000	Awarded
1/26/2017	Roth, Aubree		National Farm to School Network	Montana Farm to School Core Partnership	\$4,000	Awarded
5/12/2017	PI Mari Eggers, Biofilm Engr	Vanessa Simonds	National Institutes of Health	Multicomponent RCT intervention to reduce exposure to metals in well water, ensure safe drinking water and improve health for Crow families	\$2,534,512	Rejected
9/29/2017	Adams, Erik		NIH/INBRE	Development of a Regenerative Medicine Study for Osteoarthritis in Montana Agricultural Workers	\$17,369	Awarded
7/19/2017	Ahmed, Selena		NSF/CAREER	Eating and the Environment: Food-Energy-Water Interactions in the Upper Mekong River Basin of China	\$587,093	Rejected
7/7/2017	Bark, Katie		OPI	2017 School Wellness Coach Grant	\$36,118	Awarded
10/30/2017	Becker, James		ITHS	Foot Strengthening as Medicine	\$9,991	Awarded

7/13/2017	Becker, James		DOD/Congressionally Directed Medical Research Programs	Risk Factors for Development of Medial Tibial Stress Syndrome	Pre-proposal	Rejected
10/2/2017	PI Michael Everts, Arch	Elizabeth Bird	NEA	Public Architecture for Cultural Sharing: Creating Story Pole Installations for a Fort Peck Indian Reservation Buffalo Trail	\$100,000	Awarded
9/1/2017	Early Childhood Project		MT DPHHS	Early Care and Education Development	\$839,487	Awarded
10/6/2017	Elliott, Anna	Rebecca Koltz	Montana Healthcare Foundation	Increasing Mental Health Access in Gallatin County	\$72,270	Awarded
11/1/2017	Hunts, Holly		Western SARE	Building Internal Capacity for the Blackfeet Tribe Agricultural Resource Management Plan (ARMP)	\$52,155	Pending
12/8/2017	Kuo, Wan-Yuan	Mary Miles	USA Dry Pea and Lentil Council	Pasta Enriched with Whole or Dehulled Lentils – Interpreting the Sensory and Glycemic Properties from a Material Science Approach	\$48,142	Pending
7/10/2017	Lux, Christine		DPHHS STARS to Quality	STARS Preschool MSU Child Development Center	\$124,250	Rejected
7/10/2017	Lux, Christine		DPHHS STARS to Quality	STARS Preschool Little Rangers Learning Center	\$149,400	Rejected
12/8/2017	Miles, Mary	Wan-Yuan Kuo	USU Dry Pea & Lentil Council	Metabolic Health Benefits of Strategic Incorporation of Lentils into the Diet of Individuals at Risk for Metabolic Syndrome and Disease	\$60,000	Pending
7/14/2017	PI Carl Yeoman, Animal & Range Sciences	Mary Miles, Elizabeth Rink	NIH/AIAN-CTRP	Evaluating The Role of Stress In Altering Vaginal Biogenic Amine Concentrations and Exacerbating Rates of Bacterial Vaginosis Through Longitudinal Studies of American	\$85,969	Awarded

				Indian Women of the Fort Peck Reservation		
8/24/2017	Rink, Elizabeth		NIH	“We are here now” - a multi-level, multi-component sexual and reproductive health intervention for American Indian youth	\$3,282,942	Awarded
12/1/2017	Schure, Mark		MT-DPHHS	Thrive-Montana: A computerized Cognitive Behavior Therapy (cCBT) program to reduce depression, anxiety, suicidal ideation and behaviors for rural Montanans	\$220,541	Awarded
10/2/2017	Simonds, Vanessa		NIH/NIMH Pilot	Using the Community Readiness Model to develop a culturally centered intervention for promoting healthy relationships among Native American youth	\$21,600	Awarded
HHD TOTAL Submitted					\$14,005,706	
HHD Awarded					\$6,939,871	

Faculty and Staff Recognition

Anacker, Melody (Instructor)

University

Awards for Excellence Honoree (Faculty), MSU Alumni Foundation & Bozeman Chamber of Commerce, Teaching (February 21, 2017)

Colton, Nancy (Assistant Professor)

University

Phi Beta Phi Faculty Appreciation, MSU Phi Beta Phi, Teaching (November 6, 2017)

Decker, Kalli B. (Assistant Professor)

University

Outstanding Faculty Award for Service and Engagement, Department of Health & Human Development, Service, Community (May 8, 2017)

State

Awarded 2017 Outstanding Dietitian of the Year from the Montana Academy of Nutrition and Dietetics

Heil, Daniel (Professor)

Regional

Research & Service in Southeast Asia, Healthy Asia Football League, Scholarship/Research (November 2017)

Best Masters Oral Presentation, ACSM Northwest Chaptre, Scholarship/Research (February 2017)

Held, Suzanne (Professor)

University

Women in Science Distinguished Professorship, Montana State University, Scholarship/Research (December 15, 2017)

Koltz, Rebecca (Associate Professor)

University

HERS Institute, Leadership (April 2017)

Miles, Mary P. (Professor)

College

Outstanding Teaching & Learning Award, Department of Health and Human Development, College of Education, Health, and Human Development, Teaching (May 2017)

University

Fox Faculty Award for outstanding teaching, research, scholarship, creativity and mentorship, Montana State University, Scholarship/Research (December 2017)

Osborne, Sandy S. (Associate Professor)

National

First Place, National Award (Professional Project), Phi Upsilon Omicron (National Honor Society in Family and Consumer Sciences), Service, University (May 2017)

University

MSU Awards for Excellence, MSU Alumni Foundation and Bozeman Area Chamber of Commerce, Service, University (February 21, 2017)

Roth, Aubree C. (Professional)

University

Excellence in Outreach Award, Montana State University, Service, Community (December 15, 2017)

Seifert, John (Associate Professor)

International

Visiting professor, Technical University of Munich, Scholarship/Research (December 5, 2017)

Vaterlaus, Mitch M. (Assistant Professor)

University

Excellence in Online Teaching Award (Nominee), Montana State University, Teaching (January 2017)

Phi Kappa Phi Anna K. Fridley Award (Nominee), Montana State University, Teaching
(January 2017)

Wanago, Nicole (Instructor)

College

Equipment Grant, EHHD, Teaching (2017)

Department

Innovative Teaching, HHD, Teaching (2017)

EHHD Undergraduate and Graduate Student Research Activity 2017-2018

MSU Fall 2017 Graduate Student Research Rendezvous

Last Name	First Name	Program	Title of Poster
Johnson	Catherine	EdD- AHE	<i>Indigenous Graduate Student and the Transculturation Process: Implications for Faculty and Institutional Practices in STEM Fields and Beyond</i>
Williams	Kayce	M.Ed- C&I	<i>Effects of Poor School Attendance on Technology use in Rural Small Schools, the Learners, the School and the Community</i>

MSU Spring 2018 Student Research Celebration

Last Name	First Name	Program	Title of Poster
Baldwin	Tommy	BS K-8 Elementary Education	<i>Break Time in Finnish Classrooms</i>
Birdhat-Howe	Rae	MA Community Health	<i>Counting Coup: Development of an Indigenous goal-setting tool</i>
Bradley	Terry	BS K-8 Education	<i>Storytelling: Building Relationships to Improve Student Success</i>
Bull Shows	Brianna	BS Microbiology & Immunology, Community Health	<i>Importance of healthy patient provider interaction</i>
Claunch	Katelyn	BS Health & Human Development	<i>Perceptions of the Digestibility and Effects of Cricket Based Protein Powder in the Body Compared to a Whey Based Protein Powder</i>
Dickinson	Audrey	BS Health & Human Development	<i>Factors affecting life expectancy in rural Montana</i>
Donahoo	Jessica	BS Health & Human Development	<i>Determining the Impact of Raising Grandchildren on Longevity</i>
Fimbel	Laurel	BS Community Health	<i>Báa nnilah</i>
Julian	Morgan	BS Health & Human Development	<i>The effect of acute aspartame intake on blood glucose, interleukin 6, cortisol, and substrate utilization during high intensity interval exercise.</i>
Keene	Shannen	MA Community Health	<i>Monitoring Treatment Fidelity in an Indigenous Chronic Illness Self-Management Program</i>
Koopmeiners	Sophia	BS Health & Human Development	<i>Consumer Preference and Nutrient Content of Aquaponically Produced Vegetables</i>
Kraner	Debra	BS Health & Human Development	<i>An Exploration of Indigenous Food Environments and Cultural Practices in Southeast Guizhou Province, China</i>

Lindgren	Lori	BS Health & Human Development	<i>What Barriers Prevent Early Prenatal Entry into the WIC Program?</i>
Meldrum	Jacie	BS Early Childhood Education & Child Services	<i>Family-Centered Early Intervention Services in Montana</i>
Parrish	Christiane	BS Community Health	<i>Selection and co-development of a new topic area of focus in a community-based research project: Improving Healthy Relationships</i>
Pitts	Mikayla	BS Community Health	<i>Messengers for Health Baánnilah program: Understanding community context when recruiting study participants in an American Indian community</i>
Smith	Melinda	MA Health & Human Development	<i>Inflammatory effects of the Food Distribution Program on Indian Reservations (FDPIR)</i>
Stern	Brooklyn	BS Early Childhood Education and Child Services	<i>Family-Centered Early Intervention Services in Montana</i>
Strain	Megan	BS K-8 Elementary Education	<i>Non-academic K-12 Learning Factors in the United States and Finland: A Comparative Analysis</i>
Trottier	Coleen	Post-Bacc Pre-Medical Certificate, Community Health	<i>Messengers for Health Baá nnilah program</i>
Walsten	Vanessa	BS Sustainable Food and Bioenergy Systems	<i>Progression of microbial growth in vegetable fermentation</i>
Yates	Amber	BS 5-12 Mathematics Education	<i>Mathematical Modelling: Analyzing Students' Notions of Mathematics in Primary Education</i>

EHHD Spring 2018 Graduate Research Symposium

Last	First	Program	Title of Poster
Bernard	Romola	PhD Education	<i>What teaching practices do introductory biology faculty use to help students learn?</i>
Blanchard	Deborah	PhD Education	<i>Integrating Informal Learning in the First-Year Seminar Using Museum Exhibits</i>
Blanchard	Deborah	PhD Education	<i>Developing Peer Leadership Skills Through Inquiry & Research</i>
Carlson	Alyssa	College Teaching Certificate	<i>The Ability of Myers-Briggs Personality Types and Locus of Control to Predict Academic Performance and Team Member Effectiveness</i>
Douglas	Jacole	PhD Education	<i>Early grade literacy instruction: A case study of teacher instructional practices and student reading skills in a rural village in Nepal</i>
Johnson	Spencer	EdD C & I	<i>On a heuristic point of view concerning social media news and secondary teachers</i>
Johnson	Catherine	PhD Education	<i>Cultural Congruity of International Graduate Students in STEM fields at Public Universities</i>
Kaminski	Kayte	EdD AHE	<i>Double Secret Probation, Bias, and Equity: A Student Conduct Review</i>

Mohr	Virginia	EdD C & I	<i>"Who I am": Supporting Pre-service Teacher Integrity within an Evidence-based Student Teaching Assessment Program</i>
Sabry	Muhammad	College Teaching Certificate	<i>Microsoft Excel Technical Training Using Experiential Learning "EL"</i>
Tallman	Brett	MEd C & I	<i>An exploration of student response to an active learning environment in an upper-level quantum physics course</i>

Department of Education

Department of Education Dissertations and Theses

Semester	Last Name	First Name	Program	Title Of Dissertation/Thesis
Fall 2017	Bauman	Sandra	EdD AHE	<i>Assessing The Effectiveness Of A Comprehensive Retention Improvement Initiative: Studying The Success Program</i>
Fall 2017	Brown	Lisa	PhD Education	<i>Instructor Usage Of Learning Management Systems Utilizing A Technology Acceptance Model</i>
Fall 2017	Fisher	Heather	EdD C & I	<i>Using Activity Theory To Understand Effective Writing Instruction With High Poverty Middle School Students</i>
Fall 2017	Frost	LeAnne	EdD AHE	<i>Dual Enrollment's Influence On The Socialization Of Students As Future College Students: A Grounded Theory Study</i>
Fall 2017	Munson	Michael	EdD EdLead	<i>Nk^wuwilš: Becoming One Through Sqelix^w Education</i>
Fall 2017	Rocksund	Jill	EdD EdLead	<i>Effective School Board Governance Behaviors Of Montana School Board Members: A Delphi Study</i>
Spring 2018	Bowns	Joanna	EdD EdLead	<i>Effective Teachers Building Relational Trust With Diverse Students To Improve Reading Achievement</i>
Spring 2018	Elakovich	Denise	EdD AHE	<i>Does A Student's Use Of Self-Regulation Change In The Flipped Classroom?</i>
Spring 2018	Johnson	Spencer	EdD C & I	<i>On A Heuristic Point Of View Concerning Social Media News And Secondary Teachers</i>
Spring 2018	Kaminski	Katherine	EdD AHE	<i>Double Secret Probation, Bias, And Equity: A University Conduct Review</i>
Spring 2018	Mohr	Virginia	EdD C & I	<i>"Who I Am": Supporting Pre-Service Teacher Integrity In An Evidence-Based Student Teaching Assessment Program</i>
Spring 2018	Morrison	Cali	EdD AHE	<i>College Choice And Competency-Based Education Learner Motivations</i>
Spring 2018	Obery	Amanda	PhD Education	<i>Measuring Cognitive Engagement And Motivation In Informal Contexts</i>
Spring 2018	Shawli	Ahmed	EdD C & I	<i>Concept Mapping As An Assessment Of Cognitive Load And Mental Effort In Complex Problem Solving In Chemistry</i>
Spring 2018	Tallman	Brett	MEd C & I	<i>An Exploration Of Student Response To An Active Learning Environment In An Upper-Level Quantum Physics Course</i>

Spring 2018	Zerbe	Robin	EdD EdLead	<i>A Qualitative Study Researching Teacher Self-Efficacy Beliefs</i>
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Department of Education Undergraduate and Graduate Student Scholarly Presentations at Regional, National, and International Conferences

Last Name	First Name	Program	Conference	Title of Presentation
Aderholdt	David	EdD AHE	Association of Intermountain Housing Officers	<i>AIMHO College: Pre-Conference</i>
Beck	Ashley	PhD Microbiology (with Education faculty)	National Rural Education Association	<i>Rural youth and educational attainment: Elevating the conversation</i>
Blanchard	Deborah	EdD AHE	American College Professionals Association	<i>Helicopter or Compass? Student-Family Relationships in the First-Year</i>
Bradley	Terry	BS K-8 Elementary Education	National Conference on Race and Ethnicity	<i>More Than a Synonym for Gay: What Administrators and Aspiring Allies Should Consider When Incorporating Two Spirit Into LGBTQ+ and Native American Student Programs</i>
Cummins	Jason	PhD Education	University Council of Educational Administrators/American Educational Research Association	<i>An Apsaalooke View for Educational Leadership</i>
Fisher	Heather	EdD C & I	American Educational Research Association	<i>Using Activity Theory to understand effective writing instruction with high poverty middle school students</i>
Fisher	Heather	EdD C & I	Northern Rocky Mountain Educational Research Association	<i>Effective writing instruction with high poverty middle school students: A mixed methods study</i>
Johnson	Catherine	PhD Education	American Educational Research Association	<i>A Quantitative Analysis of STEM Socialization Experiences and Identity Salience Among International Graduate Students</i>
Obery	Amanda	PhD Education	Annual Meeting of the Association for Science Teacher Education	<i>Using Digital Technologies to Explore Student Engagement and Content Knowledge in Informal Science Contexts</i>
Petersen	Darci	BS 5-12 English Education	Kappa Delta Pi	<i>MSU Delegate for Pi Phi Chapter 406</i>
Shawli	Ahmed	EdD C & I	The 1 st Asian Pacific Conference on Concept Mapping.	<i>Concept Mapping as an Assessment of Cognitive Load and Mental Effort in Complex Problem Solving in Chemistry</i>

Stolp	Sue	EdD C & I	National Council of Teachers of English	<i>Building a Statewide Professional Learning Community</i>
Tallman	Brett	MEd C & I	Northern Rocky Mountain Educational Research Association	<i>An exploration of student affective response to an active learning environment in an upper-level Quantum Physics course</i>
Tallman	Brett	MEd C & I	American Educational Research Association	<i>Developing Engineering Leadership Identity within a Community of Practice: A Theoretical Approach</i>

Department of Education Graduate Student Publications (*Graduate student)

Co, C. Y., Nguyen, T. K., Nguyen, T. N., & *Tran, Q. N. (2018). The exporting and subcontracting decisions of Viet Nam's small- and medium-sized enterprises. *International Review of Economics & Finance*. <https://doi.org/10.1016/j.iref.2018.05.004>

*Johnson, C. M., Myers, C. B., Ward, K.A., Hollist, D., & Sanyal, N. (2017). Academic persistence and socialization of American Indian/Alaska Native graduate students in STEM and effective faculty and institutional practices: A state of understanding. *Journal of American Indian Education*.

*Johnson, C. M., Myers, C. B., Ward, K. A., Hollist, D., & Sanyal, N. (2017). American Indian/Alaska Native Graduate Student Experience in STEM: Conceptual Perspectives. In H. Mackey & E. Murakami (Eds.), *Theoretical and Conceptual Frameworks for the Advancement of Research on Race, Gender, and Ethnicity in Educational Leadership* (pp.xx-xx). Charlotte, NC: Information Age Publishing.

*Meyer, J., Müller, U., & Macoun, S. (2017). Comparing Classroom Context and Physical Activity in Nature and Traditional Kindergartens. *Children, Youth and Environments*, 27(3), 56-77. doi:10.7721/chilyoutenvi.27.3.0056

*Oliveri, C., *Funke, K., *Clark, J., Seifert, T. (2018). Blueprints for student success: High school students' questions about the transition to college. *Journal of College Orientation & Transition*, 25(1), 43-59.

Schmitt-Wilson, S. Downey, J., & *Beck, A. (2018). Rural educational attainment: The importance of context. *Journal of Research in Rural Education*, 33(1), 1-14.

Department of Education Graduate Student Job Placement

Last Name	First Name	Degree	Position
Fisher	Heather	EdD C & I	Science Teacher, Chief Joseph Middle School, Bozeman, MT
Kaminski	Katherine	EdD AHE	Assistant Dean, College of EHHD, MSU-Bozeman
Obery	Amanda	PhD Education	Assistant Professor of Science Education, MSU-Billings

Tallman	Brett	MEd C & I	Matriculating to MSU Physics PhD program
Zerbe	Robin	EdD EdLead	Principal, International School, Dominican Republic

Department of Health and Human Development

Department of Health and Human Development Theses

Semester	Last Name	First Name	Program	Title of Thesis
Summer 2017	Valentin	Celine	MS E & N	<i>The Influence Of Splitboard Bindings And Touring-Specific Boots On Muscle Activity, Stride Length, And Joint Kinematics During Splitboard Touring</i>
Spring 2018	Ferrara	Philip	MS E & N	<i>Changes In Finger Force Production And Muscle Activity In The Forearms Of Rock Climbers During Treadwall Climbing</i>
Spring 2018	Snyder	Cory	MS E & N	<i>The Influence Of A Directional Compression Garment On Muscle Activity And Performance In Recreational Alpine Skiers</i>

Department of Health and Human Development Undergraduate and Graduate Student Scholarly Presentations at Regional, National, and International Conferences (*Undergraduate student, **Graduate student)

Birdhat, R.** , McCormick Knows His Gun, A., Held, S. (2017, November). Counting Coup: Development of an Indigenous goal setting tool. American Public Health Association Conference, Atlanta, GA.
Bull Shows, B.** , Held, S., & McCormick, A. (2017, September). Importance of healthy patient-provider interactions. Poster presentation at the National Native Health Research Training Conference. Denver, CO.
Casillas, C** , Zavala, L** , Danzer, H* , and Becker, J. (August, 2018). Relationship Between First Ray Mobility and Mediolongitudinal Arch Deformation During Walking. <i>Poster presentation at the 42nd Annual Meeting of the American Society of Biomechanics, Rochester, MN.</i>
Casillas, C** , Zavala, L** , Danzer, H* , and Becker, J. (May, 2018). Relationship Between First Metatarsal Motion and Metatarsal Loading During Walking. <i>Thematic poster presentation at the 69th Annual Meeting of the American College of Sports Medicine, Minneapolis, MN.</i>
Casillas, C** , Zavala, L** , Danzer, H* , and Becker, J. (May, 2018). Relationship Between First Ray Mobility and Mediolongitudinal Arch Deformation During Walking. <i>Poster presentation at the 15th Annual Northwest Biomechanics Symposium, Bellingham WA.</i>
Casillas, Christopher** , and Becker, J. (April 2018). Relationship Between Arch Height and Metatarsal Loading in Runners. Podium presentation at the 5 th Congress of the International Foot and Ankle Biomechanics Society, New York, NY.
Ferrara, P** , Becker, J., and Seifert, J. (May, 2018). Changes in Bilateral Hand Force After 30 Minutes of Climbing in Elite Level Rock Climbers. <i>Poster presentation at the 69th Annual Meeting of the American College of Sports Medicine, Minneapolis, MN.</i>
Kim, F., Simonds, V.W., LaVeaux, D.** , Pickett, V. (2018). Using a Critical Literacy Framework to Promote Children as Change Agents Through Environmental Research in Partnership with an American Indian Community. Planetary Health Annual Meeting. Edinburgh, UK.

LaVeaux, D.** , Simonds, V.W., Pickett, V., & Cummins, J. (2017). Water is Life: Utilizing Photovoice to empower American Indian Youth to Transfer Knowledge. American Public Health Association. Atlanta, GA.
McEwen, M.** , Vaterlaus, J.M., & O’Leary, B.** (2018, April). College students’ perceptions of racism and university involvement in promoting diversity and inclusion. Poster presented at the Rocky Mountain Psychological Association Convention, Denver, CO.
Nitzinger, V.,** Held, S., Kevane, B., Eudave, Y, & Hess, D. (2017, November). Latinx health perceptions in rural Montana: Engaging <i>Promotores de Salud</i> using photovoice through Facebook. American Public Health Association Conference, Atlanta, GA.
Schroeder, C * , and Becker, J. (August, 2018). Critical Performance Factors in the Collegiate Weight Throw. <i>Poster presentation at the 42nd Annual Meeting of the American Society of Biomechanics, Rochester, MN.</i>
Schroeder, C * , and Becker, J. (May, 2018). Critical Performance Factors in the Collegiate Weight Throw. <i>Poster presentation at the 15th Annual Northwest Biomechanics Symposium, Bellingham WA.</i>
Schroeder, C * , Bessert, S ** , Seifert, J., and Becker, J. (May, 2018). Differences in Ground Reaction Forces When Collegiate Quarterbacks Throw Using Different Drop Patterns. <i>Poster presentation at the 69th Annual Meeting of the American College of Sports Medicine, Minneapolis, MN.</i>
Simonds, V.W., LaVeaux, D.** , Pickett, V., & Cummins, J. (2017). Community-Based Pilot Project to Increase Environmental Health Literacy in a Native American Community. American Public Health Association. Atlanta, GA.
Simonds, V.W., LaVeaux, D.** , Pickett, V., & Cummins, J. (2017). Community-Based Pilot Project to Increase Environmental Health Literacy in a Native American Community. NIH IDEA Western Regional Conference. Jackson Hole, Wyoming.
Snyder, C ** , Becker, J., and Seifert, J. (2018). Influence of Directional Compression Tights on Muscle Activity and Performance in Recreational Alpine Skiers. <i>Poster presentation at the 69th Annual Meeting of the American College of Sports Medicine, Minneapolis, MN.</i>
Tarabochia, D., DesLauriers, K.* , Vaterlaus, J. M., & O’Leary** (2017, November). The conceptualization of the definition of health by adolescent-parent triads. Paper presented at the National Council on Family Relations Annual conference, Orlando, FL.
Whittecar, W.* , Finch, K.* , Vaterlaus, J. M., & Koltz, R. (2018, April). Book clubs in undergraduate diversity education: A qualitative evaluation. Poster presented at the Rocky Mountain Psychological Association Convention, Denver, CO.
*Williams, E. [on behalf of the Decker Early Childhood Research Team]. (April, 2018). <i>Outreach & Engagement Council support for the Decker Early Childhood Research Team: Influence of funding over the years.</i> Presented for the Council of the Presidential Councils Meeting, Montana State University.
Wilson, S ** , Goodman, W * , Casillas, C ** , Zavala, L ** , and Becker, J. (May, 2018). Improving Posterior-Chain Engagement and Forward Lean During the Front Squat. <i>Poster presentation at the 69th Annual Meeting of the American College of Sports Medicine, Minneapolis, MN.</i>
Zavala, L ** , Casillas, C ** , Flores, V., Cotter, J., and Becker, J. (May, 2018). Patellofemoral Joint Stress with Different Squat Depth and Loads. <i>Podium presentation at the 15th Annual Northwest Biomechanics Symposium, Bellingham WA.</i>
Zavala, L. ** , Casillas, C. ** , Flores, V., Cotter, J., and Becker, J. (July, 2018). Patellofemoral Joint Stress with Different Squat Depth and Loads. <i>Podium presentation at the 8th World Congress on Biomechanics, Dublin, Ireland.</i>

Department of Health and Human Development Undergraduate and Graduate Student Publications (*Undergraduate student, **Graduate student)

LaVeaux, D.** , Simonds, V.W., Pickett, V., Cummins, J., & Calkins, E.** , (<i>in-press</i>). Developing a Curriculum for Change: Water & Environmental Health Literacy in a Native American Community. <i>Progress in Community Health Partnerships: Research, Education, and Action</i> .
Stanley, J.* , Vaterlaus, J.M., Tulane, S., & Beckert, T. E. (2017). A place for technology in parent education: An exploratory study of parent perceptions. <i>Marriage and Family Review</i> , 53, 811-825. doi: 10.1080/01494929.2017.1359813
Vaterlaus, J.M., Cottle, N. M.** , Patten, E. V., & Gibbons, R.** (2018). Understanding customers: The Jobs to Be Done Theory applied in the context of a rural food pantry. <i>Journal of the Academy of Nutrition and Dietetics</i> .
Vaterlaus, J.M., Frantz, K.* , & Robecker, T.** (2018). "Reliving my childhood dream of being a Pokémon trainer": An exploratory study of college student uses and gratifications related to Pokémon Go. <i>International Journal of Human-Computer Interaction</i> .

Department of Health and Human Development Undergraduate and Graduate Student State Presentations (*Undergraduate student, **Graduate student)

Decker, K. B., Belleville, A. , *Jorgensen, E., & *Meldrum, J. (June, 2018). <i>Montana Milestones research: Past, present, & future studies</i> . Presented at Benchmark, Great Falls, MT.
Decker, K. B., & * Jorgensen, E. (August, 2017). <i>Family engagement & routines-based early intervention: Reflecting on recommended practices, strengths, and barriers</i> . Presented at the Great Beginnings, Great Families Conference, Helena, MT.
Decker, K. B. & * Meldrum, J. (March, 2018). <i>Challenges associated with Part C data collection in a large, rural state</i> . Poster presented at the Conference on Research Innovations in Early Intervention, San Diego, CA.
* Meldrum, J. & Decker, K. B. (July, 2017). <i>Parents' experiences with Montana's early intervention services: A longitudinal study</i> . Presentation for the Montana IDeA Network of Biomedical Research Excellence Meeting, Montana State University.
* Meldrum, J. & Decker, K. B. (August, 2017). <i>A longitudinal study of parents' experiences with early intervention services in Montana</i> . Poster presented at the Montana IDeA Network of Biomedical Research Excellence Poster Session, Montana State University.

Department of Health and Human Development Undergraduate Student Research Funding (*Undergraduate student)

Project	Amount
* Meldrum, J. (PI: Decker, K. B.), "A longitudinal investigation of parent involvement in Montana's Part C services," <i>Montana IDeA Network of Biomedical Research Excellence (INBRE) Public Health Internship</i> , Fall 2017 – Spring 2018	\$2,000
* Stern, B. (PI: Decker, K. B.), "Family-centered early intervention services in Montana," <i>Montana IDeA Network of Biomedical Research Excellence (INBRE) Public Health Internship</i> , Fall 2017 – Spring 2018	\$2,000
* Williams, E. (PI: Decker, K. B.), "Identifying family-centered early intervention professional development and training opportunities for rural occupational therapists, speech pathologists, and other practitioners," <i>Montana IDeA Network of Biomedical Research Excellence (INBRE) Public Health Internship</i> , Fall 2017 – Spring 2018	\$2,000

Critical Evaluation of EHHD Research Productivity & Impact

JOURNAL IMPACT FACTOR TRENDS

for journals in which EHHD faculty published in 2016 or 2017

Note 1: Websites are listed for journals not found on *InCites Journal Citation Reports (JIF)*. Alternative **RG journal impact** numbers from *ResearchGate* are added if available.

Note 2: According to <http://mdanderson.libanswers.com/faq/26159> (referred from MSU librarian Sara Mannheimer), in 2016, only 2% of the journals tracked by Journal Citation Reports (JCR) had an impact factor of 10 or higher. The top 5% of journals have impact factors of 6 or more, and about two-thirds of the journals tracked by JCR had a 2016 impact factor of 1 or more. *In EHHD recognize that there are limitations to using impact factor in isolation as a measure of faculty prestige.*

Note 3: Number in parenthesis following journal name indicates how many EHHD faculty publications cited that journal.

Active Learning (in Higher Education?) (2) - **JIF = 1.969**

Advances <https://www.researchgate.net/journal/2046-2069> *RSC Advances*
- **RG journal impact = 3.06**

AERA Open <http://journals.sagepub.com/home/ero>

Agroecology and Sustainable Food Systems – **JIF = 1.140**

American College of Sports Medicine (4) - This group has 5 journals

<http://www.acsm.org/read-research/journals-bulletins>

Medicine & Science in Sports & Education - **JIF = 4.291**

Exercise and Sport Science Reviews – **JIF = 5.065**

Current Sports Medicine Reports - **JIF = 1.442**

Translational Journal

Health & Fitness Journal - **JIF = 0.700**

American Counseling Association: VISTAS (3) <https://www.counseling.org/knowledge-center/vistas>

American Indian and Alaska Native Mental Health Research - **JIF = 0.848**

American Journal of Health Promotion - **JIF = 2.197**

American Journal of Sports Medicine - **JIF = 6.057**

Applied Physiology, Nutrition, and Metabolism (2) - **JIF = 2.518**

Asian/Pacific Island Nursing Journal

<https://www.researchgate.net/journal/1995-7645> *Asian Pacific Journal of Tropical Medicine*

- **RG journal impact =1.57**

Association of Specialists in Group Work

<https://www.researchgate.net/journal/0193-3922> *The Journal for Specialists in Group Work*

- **RG journal impact =0.63**

Biological Agriculture & Horticulture - **JIF = 1.106**

Bioscience (2) - **JIF = 5.876**

BMC Geriatrics - **JIF = 2.866**

BMC Public Health - **JIF = 2.420**

Body Image: An International Journal of Research (3) - **JIF = 3.595**

British Journal of Guidance & Counseling - **JIF = 0.907**

Bulletin of Science, Technology, & Society

<https://www.researchgate.net/journal/0270-4676> *Bulletin of Science Technology Society*

- **RG journal impact =0.50**

CBE Life Sciences Education - **JIF = 2.413**

Centers for Disease Control and Prevention

- *Emerging Infectious Diseases* - **JIF = 7.422**

Climate <http://www.mdpi.com/journal/climate>

Cogent Education (2) <https://www.cogentoa.com/journal/education>

College Teaching

<https://www.researchgate.net/journal/8756-7555> *College Teaching*

RG journal impact = 0.28

Community Mental Health Journal - **JIF = 1.159**

Communiqué <http://www.apa.org/pi/oema/resources/communique/index.aspx>

Computers in Human Behavior (2) - **JIF = 3.536**

Conservation Letters - **JIF = 7.279**

Conservation and Society (2) - JIF = 1.652

Counselor Education & Supervision

<https://www.researchgate.net/journal/0011-0035> Counselor Education and Supervision

RG journal impact = 1.00

Contemporary Issues in Teacher Education (2) <https://www.itejournal.org/> ???

- not entirely sure if this is the correct link, cannot find "contemporary" issues

- Teaching Education

<https://www.researchgate.net/journal/1047-6210> Teaching Education

RG journal impact = 1.10

- Issues in Educational Research

<https://www.researchgate.net/journal/0313-7155> Issues in Educational Research

RG Journal Impact: 0.65

Departures in Critical Qualitative Research <http://dcqr.ucpress.edu/>

Ecology and Evolution (2) - JIF = 2.340

Education Sciences (3) <http://www.mdpi.com/journal/education>

Electronic Journal of Science Education

[https://www.researchgate.net/journal/1059-](https://www.researchgate.net/journal/1059-0145)

[0145](https://www.researchgate.net/journal/1059-0145) Journal of Science Education and Technology

RG Journal Impact: 1.73

Elementa Science of the Anthropocene (3) <https://www.elementascience.org/>

The Engaged Scholar Journal <http://www.usask.ca/engagedscholar/>

Ethnicity and Disease - JIF = 1.053

Evaluation & Health Professions - JIF = 1.531

Family and Consumer Sciences Research Journal (2)

[https://www.researchgate.net/journal/1077-](https://www.researchgate.net/journal/1077-727X)

[727X](https://www.researchgate.net/journal/1077-727X) Family and Consumer Sciences Research Journal

RG Journal Impact: 0.58

Family Process - JIF = 3.116

Family Science Review www.familyscienceassociation.org/family-science-review

Food Security: The Science, Sociology and Economics of Food Production and Access to Food (2) -

JIF = 2.970

Food Quality and Preference - JIF = 3.653

Frontiers in Public Health <https://www.frontiersin.org/journals/public-health>
RG journal impact = 2.11

GeoJournal https://www.researchgate.net/journal/0343-2521_GeoJournal
RG journal impact = 1.06

Health Education and Behavior - JIF = 1.899

Health Promotion Practice
https://www.researchgate.net/journal/1524-8399_Health_Promotion_Practice
RG journal impact = 1.14

Higher Education Research & Development - JIF = 2.006

Human Ecology - JIF = 1.642

Infancy - JIF = 1.873

Innovative Higher Education (2)
https://www.researchgate.net/journal/0742-5627_Innovative_Higher_Education
RG journal impact = 1.12

International Journal of Business Administration
<http://www.sciedupress.com/journal/index.php/ijba>

International Journal of Circumpolar Health - JIF = 1.055

International Journal of Contemporary Hospitality Management - JIF = 2.874

International Congress on Skiing and Science

International Journal of Education Technology
https://www.researchgate.net/journal/1477-8386_International_Journal_of_Learning_Technology
RG Journal Impact: 0.29

International Journal of Environmental Research and Public Health (3)
https://www.researchgate.net/journal/1660-4601_International_Journal_of_Environmental_Research_and_Public_Health
RG Journal Impact: 2.79

International Journal of Exercise Science (7) <https://digitalcommons.wku.edu/ijes/>

International Research in Higher Education
https://www.researchgate.net/journal/1927-6052_International_Journal_of_Higher_Education
RG Journal Impact: 0.60

International Journal of Indigenous Health <http://journals.uvic.ca/index.php/ijih>

International Journal of Management Education (2)

[https://www.researchgate.net/journal/1472-](https://www.researchgate.net/journal/1472-8117)

[8117 The International Journal of Management Education](https://www.researchgate.net/journal/1472-8117)

RG Journal Impact: 1.11

International Journal of Multicultural

[https://www.researchgate.net/journal/1934-](https://www.researchgate.net/journal/1934-5267)

[5267 International Journal of Multicultural Education](https://www.researchgate.net/journal/1934-5267)

RG Journal Impact: 0.38

International Journal of Sustainability in Higher Education - JIF = **1.876**

International Society of Biomechanics in Sports <https://isbs.org/>

Journal of Adolescent Research (2)

<https://www.researchgate.net/journal/0743-5584> *Journal of Adolescent Research*

RG Journal Impact: 1.17

Journal of Agriculture, Food Systems, and Community Development (2)

<https://www.foodsystemsjournal.org/index.php/fsj>

Journal of American Indian Education (2) <https://jaie.asu.edu/>

Journal of American Indian and Alaska Native Mental Health Research

[https://www.researchgate.net/journal/1533-](https://www.researchgate.net/journal/1533-7731)

[7731 American Indian and Alaska native mental health research Online](https://www.researchgate.net/journal/1533-7731)

RG Journal Impact: 1.31

Journal of College Orientation & Transition <https://www.nodaweb.org/page/JCOT>

Journal of College Student Development - JIF = **0.952**

Journal of Community Engagement and Scholarship <http://ices.ua.edu/>

Journal of Community Health - JIF = **1.530**

Journal of Continuing Education and Professional Development (2)

<http://jcepd.uscip.us/>

The Journal of Counselor Preparation and Supervision (2)

<https://repository.wcsu.edu/jcps/>

Journal of Critical Incidents (3) <https://www.sfcr.org/jci/>

Journal of Early Childhood Teacher Education <https://www.researchgate.net/journal/1090-1027> *Journal of Early Childhood Teacher Education*

RG Journal Impact: 1.00

Journal of Early Intervention - JIF = 1.241

Journal of Educational Issues (3) <http://www.macrothink.org/journal/index.php/jei>

Journal for Educational Technology Systems

Journal of Engineering Education – JIF = 1.976

Journal of Environmental Education
<https://www.researchgate.net/journal/0047-2395> *Journal of Educational Technology Systems*

RG Journal Impact: 0.14

Journal of Family Issues – JIF = 1.489

Journal of Food Engineering – JIF = 3.197

Journal of Food Science – JIF = 2.018

Journal of Global Research in Education and Social Sciences <http://www.ikpress.org/journal/46>

Journal of Health Communication – JIF = 1.648

The Journal of Hospitality & Tourism Case <https://www.researchgate.net/journal/1096-3480> *Journal of Hospitality Tourism Research*

RG Journal Impact: 0.92

Journal of Human Sciences and Extension <https://www.jhseonline.com/>

Journal of Hunger and Environmental Nutrition (5)
<https://www.researchgate.net/journal/1932-0256> *Journal of Hunger Environmental Nutrition*

RG Journal Impact: 1.14

Journal of International Society of Sports Nutrition
<https://www.researchgate.net/journal/1550-2783> *Journal of the International Society of Sports Nutrition*

RG Journal Impact: 1.51

Journal of Motor Behavior – JIF = 1.513

Journal of Nutrition Education and Behavior (4)
<https://www.researchgate.net/journal/1499-4046> *Journal of Nutrition Education and Behavior*

RG Journal Impact: 0.32

Journal of Obesity and Weight Management

<https://www.omicsonline.org/obesity-weight-loss-therapy.php>

Journal of Research in Rural Education <http://jrre.psu.edu/>

Journal of Research on Leadership Education - University Council on Education Administration

http://www.ucea.org/member_journals/jrlesage/

Journal of Science and Medicine in Sport (2)

https://www.researchgate.net/journal/1440-2440_Journal_of_Science_and_Medicine_in_Sport

RG Journal Impact: 1.13

Journal of Sports Sciences – JIF = 2.733

Journal of School Counseling <http://jsc.montana.edu/>

Journal of Social Work Education – JIF = 1.000

The Journal of Strength & Conditioning Research (2)

https://www.researchgate.net/journal/1533-4287_The_Journal_of_Strength_and_Conditioning_Research

RG Journal Impact: 2.49

Journal of Texture Studies – JIF = 1.591

Language Arts (2) <http://www2.ncte.org/resources/journals/language-arts/>

Leonardo, MIT Press https://www.researchgate.net/journal/0024-094X_Leonardo

RG Journal Impact: 0.12

Liberal Education, Association of American Colleges & Universities

<https://www.aacu.org/publications-research/periodicals/presidents-message>

Literacy Voices (3) <http://www.literaryvoice.in/>

Marriage and Family Review

https://www.researchgate.net/journal/0149-4929_Marriage_Family_Review

RG Journal Impact: 0.62

Medicine and Science in Sport and Exercise (4)

https://www.researchgate.net/journal/1530-0315_Medicine_and_science_in_sports_and_exercise

RG Journal Impact: 3.54

Mentoring and Tutoring: Partnerships in Learning https://www.researchgate.net/journal/1469-9745_Mentoring_and_Tutoring

RG Journal Impact: 0.60

Middle Grades Research Journal (2)

<http://www.infoagepub.com/middle-grades-research-journal>

The Montana English Journal (3)

<https://scholarworks.umt.edu/mej/>

Multicultural Education in the 21st Century: Innovative Research and Practices

<https://hesa.uconn.edu/hesa-publications/>

Neural Computing and Applications – JIF = **4.213**

Open Medicine – JIF = **0.484**

The Physical Educator <https://js.sagamorepub.com/pe>

PlosOne https://www.researchgate.net/journal/1932-6203_PLoS_ONE

RG Journal Impact: 3.54

Policy Futures in Education

https://www.researchgate.net/journal/1478-2103_Policy_Futures_in_Education

RG Journal Impact: 0.34

Political Librarian <https://openscholarship.wustl.edu/pollib/>

Preventive Medicine Reports

https://www.researchgate.net/journal/2211-3355_Preventive_Medicine_Reports

RG Journal Impact: 0.44

Qualitative Health Research (2) – JIF = **2.413**

Qualitative Inquiry – JIF = **1.207**

Reading & Writing – JIF = **1.837**

Renewable Agriculture and Food Systems – JIF = **1.701**

Research & Practice in Assessment (2) <http://www.rpajournal.com/>

Research Quarterly for Exercise and Sport (2)

https://www.researchgate.net/journal/0270-1367_Research_quarterly_for_exercise_and_sport

RG Journal Impact: 0.42

Respiratory Medicine

https://www.researchgate.net/journal/0954-6111_Respiratory_Medicine

RG Journal Impact: 1.72

UPDATE: A Newsletter of the Montana Association of Teachers of English Language Arts

<http://www.matelamt.com/>

SEM Quarterly (2) <http://old.aacrao.org/resources/publications/sem-quarterly>

Social Science & Medicine: Population Health https://www.researchgate.net/journal/0277-9536_Social_Science_Medicine

RG Journal Impact: 2.32

Social Science Quarterly – **JIF = 0.874**

Sport Coaching Review (2) <https://www.tandfonline.com/loi/rspc20>

Sustainability – **JIF = 2.075**

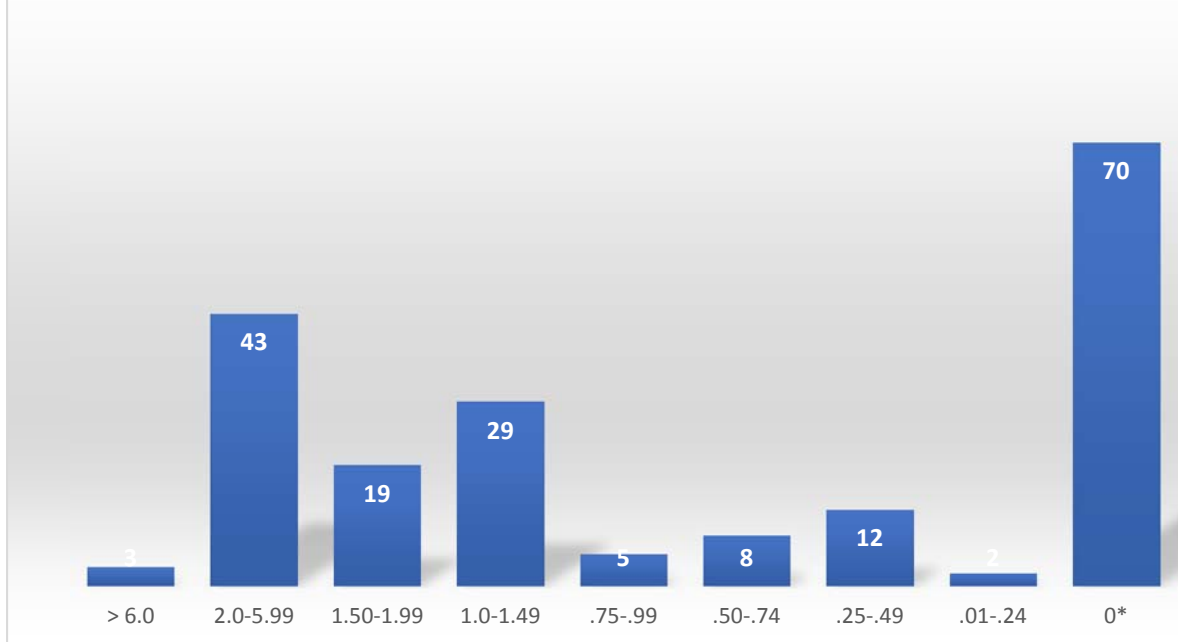
Teacher Education and Practice <https://rowman.com/page/TEP>

Teachers College Record – **JIF = 1.072**

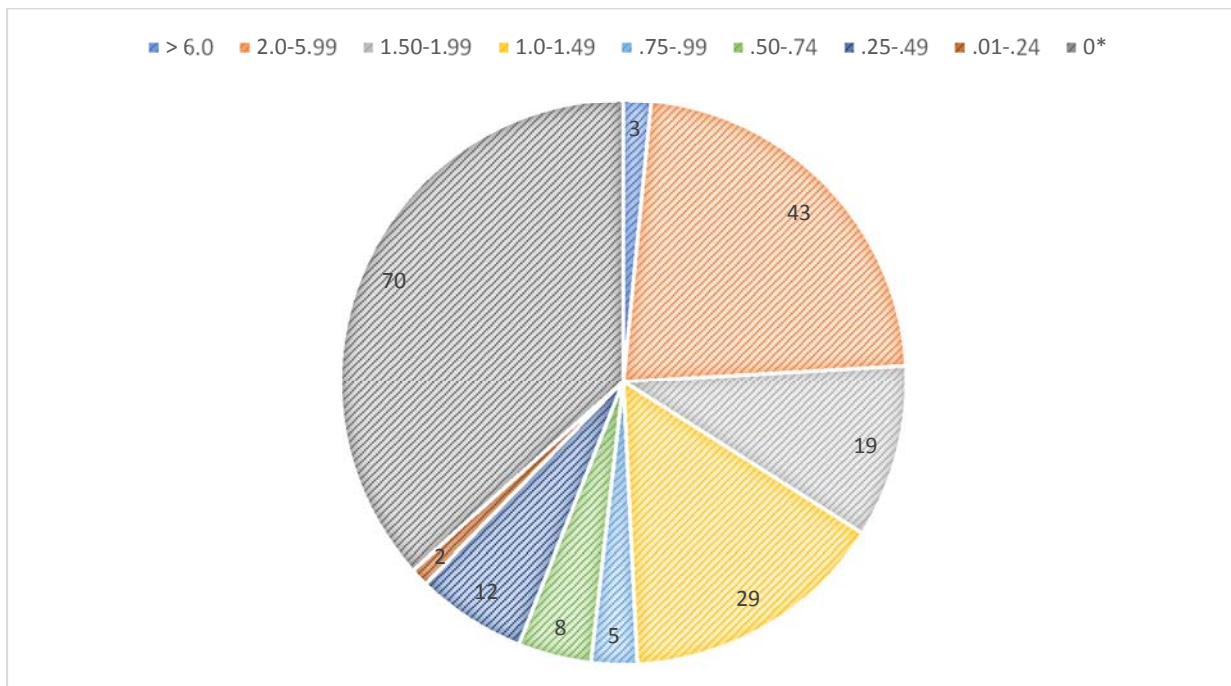
Tribal College & University Research Journal <https://tribalcollegejournal.org/>

Young Children (2) <https://naeyc.org/resources/pubs/yc>

Journal Publications by Impact Index

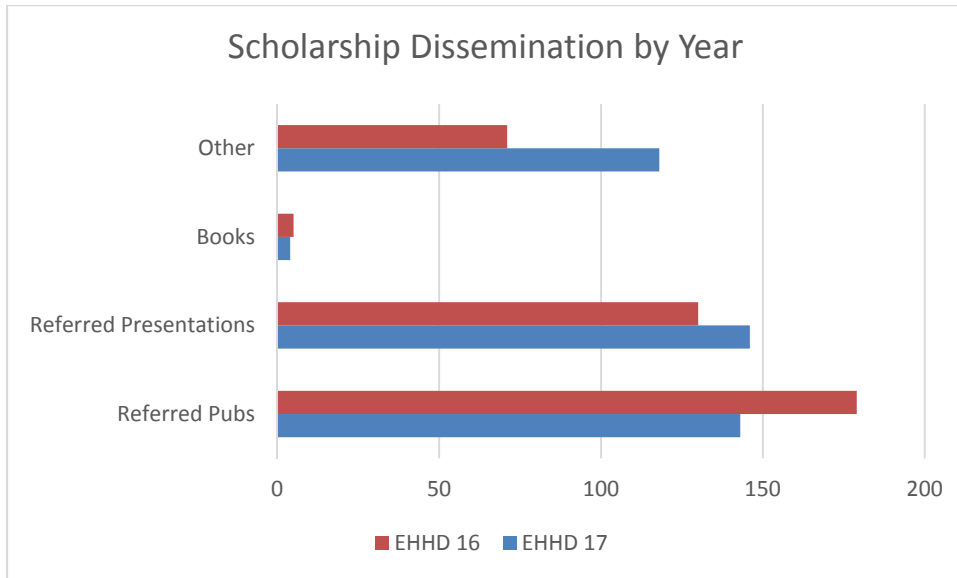


Data for the 2017 report will be used as a baseline for comparison in future years. In alignment with the MSU Draft Strategic Plan, we will strive for increasing the impact of our scholarship. We are encouraged by the number of EHD publications appearing in journals with impact factors in the 2.0-5.99 range.



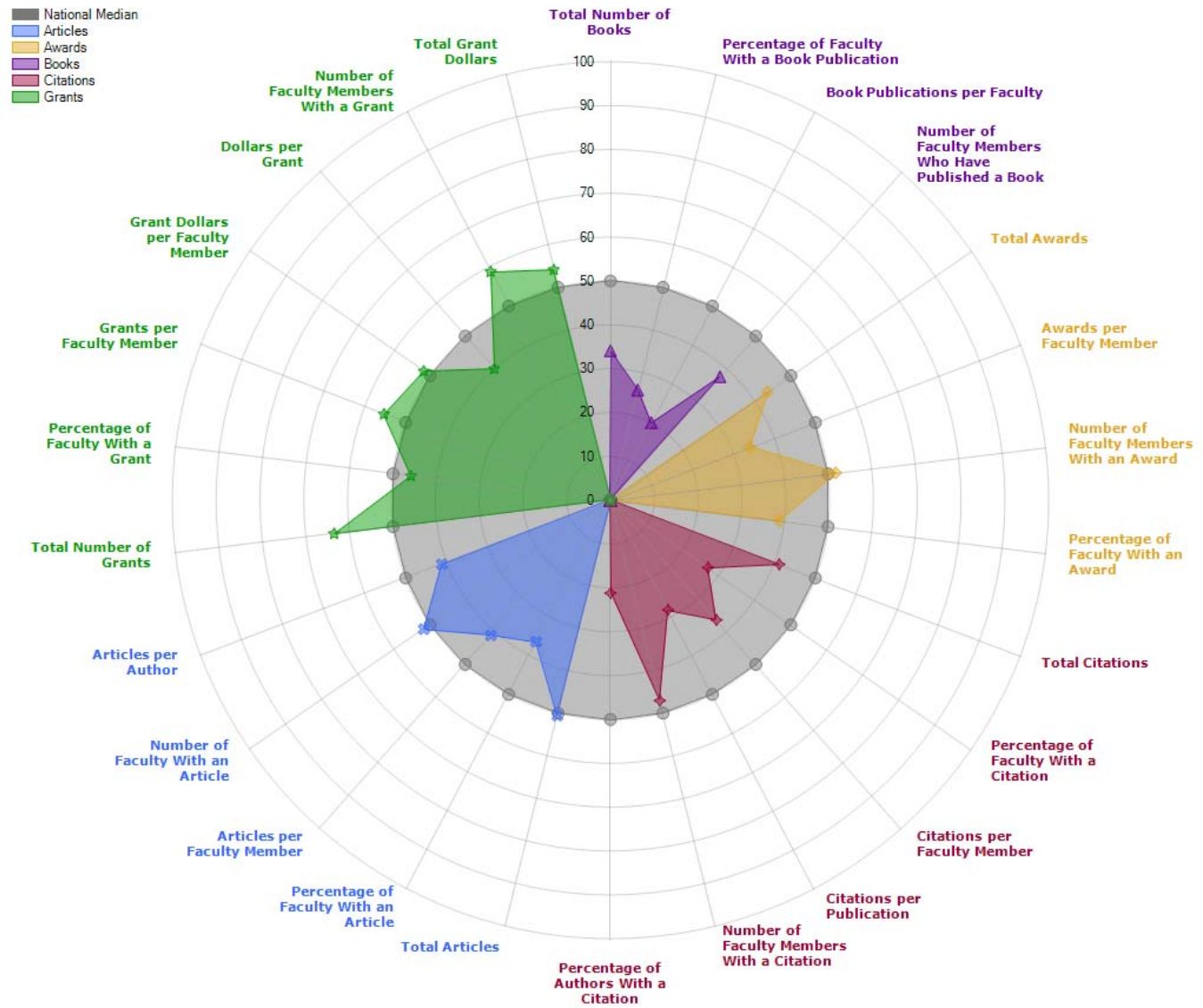
NOTE: Journals with less than five years of publication history have a Impact Factor of 0

EHHD Scholarship Dissemination by Year: 2016 vs. 2017



The number of refereed publications declined in 2017 compared to 2016, while the number of refereed presentations increased. Dissemination strategies in the “other” category increased by a large margin compared to 2016. Examples of “other” dissemination strategies include: newsletters, blogs, websites, curricula and model lesson plans, and other non-peer reviewed translational publications.

Academic Analytics Department of Education Productivity Radar



Academic Analytics Department of Health & Human Development Productivity Radar

