

BROWN, BLAKELY DEVANE

304 Skaggs Building, School of Public and Community Health Sciences, College of Health,
University of Montana, Missoula, MT 59812 | (406) 243-6524 |
blakely.brown@umontana.edu

EDUCATION

University of Minnesota, St. Paul, MN

Ph.D. in Nutritional Biochemistry **2000**

Dissertation: “Effects of Dietary Fatty Acids and Soy on Hormones
and Biomarkers Related to Breast Cancer Risk in Premenopausal Women”

Graduated Summa Cum Laude

Fairview University Hospital

University of Minnesota, Mpls, MN

R.D. in Clinical Dietetics **2000**

Montana State University, Bozeman, MT

B.S. in Foods and Nutrition

Graduated Summa Cum Laude **1995**

POSITIONS

Nutritionist, Women, Infants and Children Nutrition Program

Flathead City-County Health Department, Kalispell, MT **1995-1996**

Research and Teaching Assistant

Dept. Food Science and Nutrition

University of Minnesota, St Paul, MN **1996-2000**

Nutritional Research Scientist

Dinny Stranahan Cancer Research Institute

Missoula, MT **2000-2002**

Assistant Professor

Department of Health and Human Performance

University of Montana **2002-2006**

Associate Professor

Department of Health and Human Performance

University of Montana **2006-2012**

Professor

Department of Health and Human Performance

University of Montana **2012 – 2019**

Professor
School of Public and Community Health Sciences
University of Montana **2019-present**

Interim Director, Interdisciplinary Graduate
Programs
The Graduate School
University of Montana **2012 - 2014**

AWARDS

Merit Award, College of Health	2022
Sabbatical, School of Education and Human Sciences	2018/19
CTRN Pilot Grant Awardee, Las Vegas, NV	2017
Merit Award, School of Education and Human Sciences	2016
International Faculty Exchange – New Zealand, UM Provost Office	2016
UM Nancy Borgmann Diversity Award	2015
UM Faculty Appreciation Award, Division of Student Affairs	2013
Merit Award, School of Education and Human Sciences	2011
Sabbatical, School of Education and Human Sciences	2010/11
Merit Award, School of Education and Human Sciences	2007
UM Faculty Appreciation Award, Division of Student Affairs	2006
Excellence Award, Montana State University	1995

PUBLICATIONS (IN CHRONOLOGICAL ORDER)

Brown BD, Thomas W, Hutchins A, Martini MC, Slavin JL. Types of dietary fat and soy minimally affect hormones and biomarkers associated with breast cancer risk in premenopausal women. *Nutr Cancer* 2002, 43(1):22-30

Campbell C, **Brown B**, Dufner D and Thorland W. Effects of soy or milk protein during a high fat feeding challenge on oxidative stress, inflammation and lipids in healthy men. *Lipids* 2006, 41, L9840:257-265

Brown BD and Noonan C. Prevalence of food insecurity and health associated outcomes and food characteristics of Northern Plains Indian households. *J Hunger Environ Nutr* 2007, 1:37-44.

Brown B, Gohdes D, Amundson H, Oser C, Helgersen SD, Harwell TS. Population surveillance to monitor rates of gestational diabetes mellitus in subsequent populations. *Diabetes* 2008, 57(June) 2441.

Brown B, Burns T. Measuring food purchases, community needs and tribal policy for healthy foods in local grocery stores on and near a Northern Plains Indian reservation. <http://www.nptao.arizona.edu/usda.cfm>; 2007 Native Peoples Technical Assistance Office, Tucson, AZ.

Brown B, Noonan C, Friede P, Giroux J. Acanthosis nigricans and obesity in Northern Plains Indian children and adolescents. *Diabetes* 2008, 57(June), SA744

Brown B, Harris K, Ricci C, Parker M, Harris JL, TopSky W, Wilson T, Friede P, Noonan C. Lessons Learned in Adapting the Diabetes Prevention Program for 10-14 Year Old Northern Plains Indian Youth. *Ann Behavioral Med* 2009, 37:S51.

Noonan C, **Brown B**, Bentley B, Conway K, Corcoran M, FourStar K, Friede P, Hemlock B, Wagner S, Wilson T. Variability of asthma prevalence across Northern Plains American Indian communities and associations with body mass index. *J Asthma* 2010, 47:496–500.

Brown B, Harris KJ, Harris JL, Parker M, Ricci C, Noonan C. Translating the Diabetes Prevention Program for Northern Plains Indian youth through community-based participatory research methods. *Diabetes Educ* 2010;36:924-35.

Brown B, Noonan C, Bentley B, Conway K, Corcoran M, FourStar K, Gress S and Wagner S. Acanthosis Nigricans among Northern Plains American Indian Children. *J School Nurs* 2010, 26 450-60.

Brown B, Noonan C, Harris KJ, Parker M, Wilson T, Gress S, Harris JL, Gaskill S, Ricci C, Top Sky W, Cobbs G. Diabetes Prevention Program for Native American Youth: The JOURNEY to Native Youth Health Feasibility Study. *Diabetes*, 2011, 60:S1:A82.

Ricci C, **Brown B**, Noonan, C, Harris KJ, Dybdal L, Parker M, Gress S. Parental influence on obesity in Northern Plains American Indian youth. *Fam Comm Health*, 2012, 35.1:68-75.

Brown B, Noonan C, Harris KJ, Parker M, Gaskill S, Ricci C, Cobbs G, Gress S. Developing and Piloting the Journey to Native Youth Health Program in Northern Plains Indian Communities. *Diabetes Educ* 2013;39(1): 109-118.

Hutchins A, **Brown B**, Cunnane S, Domitrovich S, Adams E, Bobowiec C. Daily flaxseed consumption improves glycemic control in obese men and women with pre-diabetes: A randomized, controlled study. *Nutrition Res* 2013, 33(5):367-75

Brown B, Noonan C, Harris KJ, Parker M, Wilson T, Gress S, Harris JL, Gaskill S, Ricci C, Top Sky W, Cobbs G. Developing and Piloting the Journey to Native Youth Health Program in Northern Plains Indian Communities. *Diabetes Educ*, 2013, 39:109-18.

Lommen A, **Brown B**, Sondag A, Hollist D. Experiential Perceptions of Relactation: A Phenomenological Study. *J of Human Lactation*, 2015, 1-6.

Grant V, Hollist D, Noonan C, Swaney G, Harris KJ, Gaskill S, **Brown B**. Community-

identified strategies to increase physical activity during elementary school recess on an American Indian reservation: A pilot study. *Preventive Medicine Reports*, 2015, 658-663.

Brown B. Understanding and confronting obesity and diabetes in Montana Native communities. *The Montana Professor*, July 2015, 25(2).

Perline A, Heuscher A, Sondag A, **Brown B.** Perceptions of local hospitals and food producers on opportunities and barriers to implementing farm-to-hospital programs. *Journal of Agriculture, Food Systems and Community Development*, 2015, 6(1), 147-159.

Pedersen M, Christopher S, **Brown B.** Building capacity to increase health promotion funding to American Indian communities: Recommendations from community members. *Health Promotion Practice* 2016 Jan 6. pii: 1524839915622195. [Epub ahead of print]

Grant V, Swaney G, Harris KJ, Burdeau Z, **Brown B.** Assessing barriers and enhancers to increasing physical activity during the school day in children on an American Indian Reservation: A qualitative research study. *Health Behav Policy Rev*, 2016, 3(5), 429-438.

Montrose L, Ward T, Semmens E, Cho YH, **Brown BD**, Noonan C. Assessing the impact of dietary nutrients on respiratory health outcome measures and DNA methylation in asthmatic children. *Allergy, Asthma, and Clinical Immunology*, 2017 13(12), DOI: 10.1186/s13223-017- 0187-8.

Windchief S, **Brown B.** Conceptualizing a mentoring program for American Indian/Alaska Native students in the STEM fields: A review of the literature. *Mentoring and Tutoring: Partnership in Learning*, 2017; 25:3, 329-345, <https://doi.org/10.1080/13611267.2017.1364815>

Windchief S, Arouca R, **Brown B.** Developing an Indigenous Mentoring Program to train faculty mentoring American Indians and Alaska Native graduate students in STEM. *Mentoring and Tutoring: Partnership in Learning*, 2018; 26:5, 503-523, <https://doi.org/10.1080/13611267.2018.1561001>

Pedersen M, **Brown B**, Harris K, France S, Tryon M, Cooksley A. Rural caregiver support and engagement with child health behaviors in the home environment: A qualitative study. *Ann Behav Med*, 2018;52(S1):S712.

Brown B, Bahe A, Pedersen M, Harris KJ, Smith M, Swaney G, Bodnar B. Growing Strong Generations Strengthening Project on an American Indian Reservation: Year 2 Activities. July/August 2018. *Journal of Nutrition Education and Behavior*, 50(7S). NP23, S117

Brown B, Harris K, Heil D, Tryon M, Cooksley A, Semmens E, Davis J, Gandhi K. Feasibility and outcomes of an out-of-school and home-based obesity prevention pilot study for rural children on an American Indian reservation. *Pilot and Feasibility Studies*, 2018, 4 (129), 1-12. DOI: <https://doi.org/10.1186/s40814-018-0322-4>

Brown B, Harris K, Dybdal L, Malich J, Bodnar B, Hall E. Feasibility of text messaging to promote child health in a rural community located on an American Indian Reservation. *Health Education Journal*, Feb 2019, 1-13. DOI: <https://doi.org/10.1177/0017896918824624>

Brown B, Dybdal L, Noonan C, Pedersen M, Parker M, Corcoran M. Group gardening in a Native American community: A collaborative approach. *Health Promotion Practice*. [published online ahead of print Feb 20, 2019] doi: 10.1177/1524839919830930.

Pedersen M, **Brown B**, Harris K, France S, Tryon M, Cooksley, A. Rural parent support of child health behavior in the home environment: A qualitative study on an American Indian reservation [published online ahead of print May 7, 2019]. *Global Pediatric Health*. <https://doi.org/10.1177/2333794X19847451>

Harris KJ, **Brown B**, Shankle L, Tryon M, Pedersen M, Panarella S, Swaney G. Community Readiness Model for prevention planning: Addressing childhood obesity in American Indian reservation communities. *Journal of Racial and Ethnic Health Disparities*, 2019; <https://doi.org/10.1007/s40615-019-00616-6>

Brown B, Komlos B. Designing and implementing an Indigenous Mentoring Program for faculty who mentor AI/AN graduate students in STEM: Process, outcomes and lessons learned. Indigenous Communities and Access to Graduate Degrees in STEM. *New Directions for Higher Education*, 2019;187, 67-77. <https://doi.org/10.1002/he.20337>

Brown B, Windchief S, Komlos B, Arouca R. Assessing the impact of an Indigenous Mentoring Program on faculty to support American Indian/Alaska Native graduate students in STEM. *Journal of Faculty Development*, 2020;34(3), 1-10.

Grant V, **Brown B**, Harris KJ. Lessons learned in conducting community participatory school-based health research on an American Indian reservation. *Progress in Community Health Partnerships: Research, Education, and Action*, 2021;15(1): 75-83.

Pedersen M, Harris K, **Brown B**, Anderson K, Lewis J. A systematic review of interventions to increase physical activity among American Indian and Alaska Native older adults. *The Gerontologist*; [published online ahead of print February 2021]. <https://doi.org/10.1093/geront/gnab020>

Tupai-Firestone R, Fa'amani G, Okiaama E, Funaki T, Henry A, Prapaveissis D, Filiktonga J, Firestone J, Tiatia-Seath J, Matheson A, **Brown B**, Schleser M, Kaholokula K, Ing C, Borman B, Ellison-Loschmann L. (2021). Pasifika Prediabetes Youth Empowerment Programme: learnings from a youth-led community-based intervention study. *New Zealand Medical Journal*; 134 (1530): 57-68.

Tupai-Firestone R, Fa'amani G, Okiaama E, Funaki T, Henry A, Prapaveissis D, Filiktonga J, Firestone J, Tiatia-Seath J, Matheson A, **Brown B**, Schleser M, Kaholokula K, Ing C, Borman B, Ellison-Loschman, L. (2021). Pasifika Prediabetes Youth Empowerment Programme: evaluating the intervention from a participants' perspective. *The New Zealand*

Journal of Social Sciences Online; 16(1): 210-224.

Pedersen M, Harris KJ, Lewis J, Grant M, Kleinmeyer C, Glass A, Graham N, **Brown B**, King D. (2021). Uplifting the voices of rural American Indian older adults to improve understanding of physical activity behavior. *Translational Behavioral Medicine*; 04 August 2021. <https://academic.oup.com/tbm/advance-article/doi/10.1093/tbm/ibab107/6340102?guestAccessKey=bbe2d93d-68c8-4c50-bd77-91b6c7d81b1d>

Prapavessis D, Henry A, Okiakama E, Funaki T, Faeamani G, Masaga J, **Brown B**, Kaholokula K, Ing C, Matheson A, Tiatia-Seath J, Schleser M, Borman B, Ellison-Loschmann L, Firestone R. (2021). Assessing youth empowerment and co-design to advance Pasifika health: a qualitative research study in New Zealand. *Australian and New Zealand Journal of Public Health*. 2021 Online

Pedersen M, Harris K, **Brown B**, Grant M, Kleinmeyer C, Glass A, Graham N, King D. [Physical activity intervention adaptation: Recommendations from rural American Indian older adults](https://doi.org/10.1007/s11121-022-01342-y). 2022. *Prevention Science*. 1-11 <https://doi.org/10.1007/s11121-022-01342-y>

Brown B, Pedersen M, Harrington J, Belcourt A, Windchief S, Thomas A, Plenty Sweetgrass She Kills R, Conroy-Ben, O., Brodt, E, Chief K, Hoagland S, Johnson-Jennings M, Lewis J, Mink Green K, Milligan-Myhre K, Calhoun M, Ozburn A, Simonds V, Grant Des Rosier A, Hill S, Wu K. (2022). Exploring personal, relational, and collective experiences and mentorship connections that enhance or inhibit professional development and career advancement of American Indian/Alaska Native faculty in STEM fields: A qualitative study. *Journal of Diversity in Higher Education Online*. <https://doi.org/10.1037/dhe0000376>

Pedersen M, Harrington J, Grant Des Rosier A, Belcourt A, Thomas A, Hoagland S, Plenty Sweetgrass-She Kills R, Conroy-Ben O, Brodt E, Chief K, Johnson-Jennings M, Mink Green K, Milligan-Myhre K, Calhoun M, Ozburn A, Simonds V, Chase S, Tsosie R, Wu K, **Brown B**. (2023). Configuration and implementation of an Indigenous Mentoring Program for AI/AN STEM faculty: A mixed methods study. *Journal of Diversity in Higher Education* – In press.

MANUSCRIPTS IN REVIEW OR PREPARATION

Prapavessis D, Firestone J, Katoa L, **Brown B**, Faeamani G, Okiakama E, Henry A, Funaki T, Tiatia-Seath J, Matheson A, Schleser M, Ing C, Kaholokula K, Borman B, Ellison-Loschmann L, Firestone R (2022) Evaluating youth empowerment programmes from a social change perspective: a practical framework of evaluation employed in the Pasifika Prediabetes Youth Empowerment Programme. *Perspectives in Public Health*; In review.

Firestone R, Davies C, Davies R, Fleming T, Te Morenga L, Kingi T.K., O'Connell A, Matheson A, **Brown B**, Ellison-Loschmann E, (2023). The Tihei Rangatahi Research

Programme – tailoring a youth empowerment programme for rangatahi Māori. AlterNative, In review.

McClure T, Gilchrist K, Lopez C, Smith C, Graham J, Black S, Manuel A, **Brown B.** (2023). Assessing Access and Use of Nutrition Support Programs, Food Insecurity, and Health Status in Urban Native American Families with Young Children. *Journal of Hunger and Environmental Nutrition*; In review.

Brown B, McClure T, Gilchrist K, Manuel A, Black S, Lopez C, Kuiper C, Smith C. (2023). Exploring barriers and enhancers that urban Native American low-income families with young children experience in accessing and using nutrition support programs: A qualitative study. In preparation.

Bersamin A, Thomas J, **Brown B,** O Erdei E, Glesener H. A scoping review of nutrition research conducted with Indigenous groups in the U.S. and Canada. In preparation.

Chase-Begay D, Peterson J, Cahoon J, Belcourt A, McKinley C, **Brown B.** Traditional ceremonial practices (TCP) as a strategy to reduce problem substance use in an urban Native American community. In preparation.

SELECTION OF PRESENTATIONS AND MEETINGS

Brown B, Noonan C, Jeanotte D, Conner L, Gohdes D, Conner L. Prevalence of factors predicting future diabetes in Northern Plains Indian women diagnosed with gestational diabetes mellitus. *Diabetes Health Disparities: Determinants, Prevention, Treatment, and Policy* 2006; 5th National Conference Proceedings; Vanderbilt University, NC

Wilson T, **Brown BD,** Harris JL, Parker M, Friede P, Ricci C, Harris K, Noonan C, Gaskill S. JOURNEY to Native Youth Health: A community-based, culturally specific lifestyle program to decrease diabetes risk in Northern Plains Indian youth. *Childhood Obesity/Diabetes Prevention in Indian Country: Making Physical Activity Count!* San Diego, CA 2008.

Ricci C, **Brown B,** Harris KJ, Dybdal L, Parker M, Wilson T, Gaskill S. Survey Development to Assess Adult Knowledge and Support of American Indian Youth Nutrition and Activity. Abstract and Oral Presentation at the *University of Montana Graduate Student and Faculty Research Conference*, April 2009.

Ricci C, Gaskill S, Wilson T, **Brown B.** Physical activity measurement of 10-14 year old Northern Plains American Indian youth. In: *American College of Sports Medicine*; 2009 May 2009; Seattle, WA; 2009.

Elliot J, **Brown B,** Noonan C, Sondag A. Assessing the Retail Food Environment, Access to Food and Food Security in Missoula, Montana in Relation to the

Socioeconomic and Health Status of Missoula Residents. Abstract and Oral Presentation at the *University of Montana Graduate Student and Faculty Research Conference*, April 2009

Brown B, Burns, T. Measuring food purchases, community needs and tribal policy for healthy foods in local grocery stores on and near a Northern Plains Indian reservation. Oral presentation at annual *Research Innovation and Development Grants in Economics Conference*, Washington, DC October 2007.

Brown B, Burns, T. Implementing Strategies that Increase Healthy Food Consumption in Local Grocery Stores on a Northern Plains Indian Reservation. Oral presentation at the annual *Research Innovation and Development Grants in Economics Conference*, Washington, DC October 2008.

Brown B, Harris K, Ricci C, Parker M, Harris J, TopSky W, Wilson T, Friede P, Noonan C. Lessons Learned in Adapting the Diabetes Prevention Program for 10-14 Year Old Northern Plains Indian Youth. Abstract and Oral presentation at the *Society of Behavioral Medicine 30th Annual Meeting & Scientific Sessions*, Montreal, Quebec, April 2009.

Brown B, Christopher S, Gleason R, Lonsdale T, Pederson M. Improving Participation in Safe Routes to Schools Programs for Montana Native American Communities Abstract and Poster presentation at the *Robert Wood Johnson Active Living Research Annual Conference*, San Diego, CA, February 2011.

Hutchins A, **Brown B**, Domitrovich S, Adams E, Bobowiec C. Daily flaxseed consumption improves glycemic control in individuals with pre-diabetes: A randomized, controlled study. Abstract and Oral presentation at the *71st American Diabetes Association Scientific Sessions*, San Diego, CA, June 2011.

Brown B, Noonan C, Harris KJ, Parker M, Wilson T, Gress S, Harris JL, Gaskill S, Ricci C, Top Sky W, Cobbs G. Diabetes Prevention Program for Native American Youth: The JOURNEY to Native Youth Health Feasibility Study. Abstract and Oral presentation at the *71st American Diabetes Association Scientific Sessions*, San Diego, CA, June 2011.

Montrose, L, **Brown B**, Putnam E, Ward TJ, Noonan C. Wood smoke, diet, and childhood asthma. *University of Montana Graduate Student and Faculty Research Conference*, April 2012.

Grant V, **Brown B**, Swaney G, Noonan C, Hollist D, Harris, KJ. Assessing barriers and enhancers to increasing physical activity during the school-day in children on an American Indian Reservation: A qualitative research study. *Presentation at the Third Biennial Western Regional IDeA Scientific Conference*, Honolulu, Hawaii, October 7, 2013.

Grant V, **Brown B**, Swaney G, Noonan C, Hollist D, Harris, KJ. Assessing barriers and enhancers to increasing physical activity during the school day in children on an American Indian Reservation: A qualitative research study. *University of Montana Graduate Student and Faculty Research Conference*. April 2013.

Perline A, Heuscher A, Sondag A, **Brown B**. Perceptions of local hospitals and food producers on opportunities and barriers to implementing farm-to-hospital programs. *University of Montana Graduate Student and Faculty Research Conference*. April 2014.

Grant V, **Brown B**, Swaney G, Noonan C, Hollist D, Harris, KJ. Community-identified strategies to increase physical activity during elementary school recess on an American Indian Reservation: A pilot study. *2014 Minority Health and Health Disparities Grantees' Conference*, National Harbor, Maryland, December 2, 2014.

Dalton S, Tryon M, Harris KJ, Running Rabbit E, Heil D, **Brown B**. Assessing other children in the household support of exercise and healthy eating. *University of Montana Graduate Student and Faculty Research Conference*. April 2015.

Shankle L, Tryon, M, Harris KJ, Swaney G, Bodnar B, **Brown B**. Utilizing community-based participatory research strategies to determine intervention strategies for childhood obesity prevention in a community on an American Indian reservation. *University of Montana Graduate Student and Faculty Research Conference*. April 2015.

Strehl E, Harris KJ, **Brown B**, Mirtuse G, Stanhope L. Strategies for mitigating Vitamin A deficiency in Mekelle, Ethiopia. *University of Montana Graduate Student and Faculty Research Conference*. April 2015.

Lommen A, **Brown B**, Hollist D, Sondag A. Relactation: A phenomenological approach. *University of Montana Graduate Student and Faculty Research Conference*. April 2015.

Brown B, Tryon M. Generations Health Project: An after-school and home-based childhood obesity prevention pilot study. *Montana INBRE Research and Training Symposium*, Bozeman, Montana. April 10, 2015.

Swaney G and **Brown B**. Partnerships to prevent childhood obesity on the Flathead Indian Reservation. *University of Montana Innovation and Imagination conference*, Missoula, Montana. April 20, 2015.

Brown B, Harris KJ, Heil D, Holman C, Fontaine J, Harrar S. Developing and piloting a nutrition and exercise after-school program that includes families. Abstract in *Annals of Behavioral Medicine* 2015, 49(S1) 1 – 258; and Poster presentation at the *Society of Behavioral Medicine Conference*, San Antonio, TX; April 22-25 2015.

Brown B. The paradox of hunger and obesity. Missoula Food Bank's *Food for Thought Monthly Brownbag Discussion series*. Missoula, Montana. June 17, 2015.

Pedersen M, Malich, J, Harris KJ, Bodnar B, Swaney G, Tryon M, France S, **Brown B**. Digital Storytelling as a tool for health messaging on an American Indian reservation: A development process. Poster presentation at the *Society of Behavioral Medicine Conference*, San Diego, CA, March 2017.

Malich J, Harris KJ, Dybdal L, Bodnar B, Caye J, Hall E, **Brown B**. SMS parent Action iNtervention: Using text messaging to promote child health on an American Indian Reservation Oral presentation at the *University of Montana Graduate Research Conference*, Missoula, MT, April 2017.

Brown B. MW CTR-IN Program: Experiences of a Pilot Grant Awardee. Oral presentation at the 4th annual MW CTR-IN conference. Las Vegas, NV, June 2017.

Brown B, Tryon M, Harris KJ, Pedersen M, Malich J. Development of the Growing Strong Generations Project. *J Nutr Ed Behav*, July/August 2017. 49(7S1); S111. Abstract and poster presentation at the *Society of Nutrition Education and Behavior Conference*, Washington, DC. July 2017.

Brown B. Developing and Piloting Behavioral Health Interventions in Native and non-Native Children Living in Rural Areas. Oral presentation for *AI/AN CTR-P Faculty Series Exchange*, University of Alaska – Anchorage and University of Alaska – Fairbanks, April 2018.

Pedersen M, Caye J, France S, Smith M, Bahe A, Harris K, Swaney G, Bodnar B, Zosel J, **Brown B**. Growing Strong Generations: Developing and piloting a gardening program for Native and non-Native children living in a rural, American Indian reservation community. Poster presentation at the *University of Montana Graduate Research Conference*, Missoula, MT, April 2018.

Elderkin R, Gilchrist K, **Brown B**. Advancing the Double SNAP Dollar Collaborative: Building a Sustainable Platform for Health Food Access in Montana. Oral presentation at the *University of Montana Graduate Research Conference*, Missoula, MT, February 2020.

Barnett D, Peterson J, Calhoon J, **Brown B**. Developing a strengths-based, culturally tailored substance abuse treatment intervention for AIANs living in urban areas. Oral presentation at the *Alaska Native Health Research Conference*, Anchorage, AK, June 2021.

Barnett D, **Brown B**, Peterson J, Calhoon J. Ceremony as Prevention: A culturally centered approach to prevent problem substance use within an urban American Indian community. Oral presentation and Break-out session at the *Montana Public Health Association Conference*, Helena, MT, September 2021.

Thomas McClure, **Blakely Brown**, Cherith Smith, Kim Gilchrist. Applying community engaged and equitable participatory approaches to understand barriers and facilitator urban Native American families experience when using nutrition support programs. Oral presentation at the *National Anti-Hunger Policy Conference*,

Washington D.C. June 2023.

McClure T, Gilchrist K, Smith C, Goes-Ahead Lopez C, Black S, Manuel A, **Brown B.** Using community-based participatory research to inform policy regarding urban Native American health and nutrition. Oral and poster presentation at the annual *Native American Nutrition Conference*, Mystic Lake, MN, September 2023.

TEACHING EXPERIENCE

- University of Minnesota, St. Paul, MN
Graduate Teaching Assistant Basic Nutr 161 **1996-2000**
 Lecturer for weekly recitation sections; grader for course dietary assessment projects, developed syllabus and taught weekly recitations
- University of Montana, Dept. Health and Human Performance
Instructor – Basic Human Nutrition - Nutr 221 **2002 – 2019**
 Developed syllabus and overall course structure, taught all classes, administered all grades, directed 4 TAs/year
- University of Montana, Dept. Health and Human Performance
Instructor – Advanced Nutrition and Chronic Disease – HHP 545 **2005-2009**
 Developed new graduate level course, syllabus and overall course structure, taught all classes, administered all grades
- University of Montana, Dept. Health and Human Performance; School of Public and Community Health Sciences
Instructor – Community Based Participatory Research for Health – HHP 544 **2009-present**
 Developed new graduate level course, syllabus and overall course structure, taught all classes, administered all grades
- University of Montana, School of Public and Community Health Sciences
Instructor – Public Health Nutrition – PUBH 380 **2021-present**
 Developed new undergraduate required core course, syllabus and overall course structure, taught all classes, administered all grades, directed 1 TA

ADMISTRATIVE EXPERIENCE

- Graduate Program Director **2003-2008**
 Graduate Program Committee Member **2008-2012**
 Interim Graduate Program Director **2012-2013**
 Department of Health and Human Performance
 University of Montana

Interim Director, Interdisciplinary Graduate Programs The Graduate School University of Montana	2012 - 2014
Academic Strategic Planning Committee, Member University of Montana	2008 - 2009
Diversity Strategic Planning Committee, Member University of Montana	2010-2012
Social and Behavioral Sciences Research Consortium Development Team University of Montana	2011-2012
UM Diversity Advisory Council Co-Chair	2012-2014
Member	2005 -2012

CURRENT RESEARCH

1723248

National Science Foundation Wu (PI) 09/01/2017-08/31/2024
Collaborative Research: AGEP Transformation Alliance: Willow Partnership for Success
 The Willow Partnership for Success is a Transformation Alliance project brings together three Alliance institutions - University of Montana, Salish Kootenai College, and Sitting Bull College. This five-year collaborative research project will (1) adapt existing NSF-funded projects to create a new model for Native American faculty in science, technology, engineering, and mathematics (STEM) fields (NAF-STEM); (b) implement the model, and (c) study the model as a possible evidence-based approach that seeks to transform access to the professoriate for NAF-STEM. The project will advance knowledge and understanding about pathways to success for NAF-STEM. The aim of the project is to increase the number of Native American STEM faculty members in the Alliance institutions, while also advancing knowledge about the issues impacting their career progression in STEM fields. The project will implement a model that includes three interconnected components focusing on recruitment, retention, and support for NAF-STEM: a mentoring program, grant preparation and management program, and institutional support program.
 Role on project: Co-Principal Investigator

77307 – Robert Wood Johnson Foundation McClure and Gilchrist (Co-PD)
 03/15/2020-03/14/2024

Examining Barriers in Montana to Equitable Nutrition Support Programs for Urban American Indian Families with Young Children

This project seeks to understand the barriers and enhancers these families experience in accessing and using federal and local nutrition supports. This study will help guide decision making about policy changes that can advance health equity for urban American Indian (AI)

families. There is very little data targeted at understanding urban low-income AI families' use of these programs, yet these families face great health disparities. Results uncovered from primary research methods will be communicated to state and federal-level program directors and congressional representatives.

Role on project: Lead Evaluator

2020-70030-33194 – USDA Buckingham (PD) 09/01/2020 – 08/31/2024

Healthy, Local Food for All Montanans: Advancing Equity and Food Access through the Double SNAP Dollars Network

This project leverages multi-sector collaboration and expertise to increase the impact of the Double SNAP Dollars (DSD) program in three specific ways: advancing equity, diversifying participating sites to serve rural areas, and improving marketing. The goals of this project work together to improve the health of Montanans with limited resources, support local producers, and ultimately increase the purchase and consumption of Montana-grown produce.

Role on project: Lead Evaluator

20-MAU-090 - Marsden Project Grant (New Zealand) Firestone (PI)

03/1/2021 - 02/28/2024

Navigating Pacific Indigenous knowledge and practices in relation to contemporary dietary patterns: investigating 'ai ia e ola' - eat to live well

This research aims to examine historical and current perspectives on Pacific indigenous and traditional knowledge pertaining to foodways, dietary habits and patterning, and how this knowledge can inform new approaches in addressing diet-related diseases among Pacific peoples.

Role on project: Co-Investigator

New Zealand Health Research Council Firestone (PI) 10/1/2020 - 09/30/2024

Tihei Rangatahi Programme – Improving hauora/oranga services for rangatahi Māori

This research focuses on rangatahi Māori, as they are a particularly vulnerable group with regard to developing non-communicable diseases (e.g., mental illnesses, obesity). This project seeks to develop a hauora-oranga lifestyle programme for rangatahi Māori, co-design a mental wellness programme tailored for rangatahi Māori, adapt an existing mobile health app to support healthy lifestyles for rangatahi, and evaluate the project.

Role on project: Co-Investigator

Substance Abuse and Mental Health Administration Rides-At-The Door (PD)

9/30/2021 – 9/29/2026

National Native Children's Trauma Center (NNCTC) FY22

This 5-year project will pursue two goals: 1. Provide culturally centered, evidence-based, trauma-informed training and technical assistance (TTA) along the full spectrum of needs/readiness in Tribal communities and across all types of Tribal child-serving systems; and 2. Enhance NNCTC infrastructure to increase scale of training/education dissemination, to fill gaps in product offerings, to broaden access to resources, and to promote data-driven program improvements. Across virtual and in-person TTA activities we expect to train and/or provide TA to approximately 1,800 AI/AN-child-serving professionals and Tribal community members annually and 9,000 over the five years of the funding period.

Role on project: Lead Evaluator

USDA – GusNIP Buckingham (PD) 07/01/2021 – 06/30/2024
COVID Relief GusNIP: Healthy, Local Food for All Montanans: Advancing Equity and Food Access through the Double SNAP Dollars Network

This 3-year project aims to meet identified health needs of low-income community members and financial needs of small, local producers by expanding point-of-purchase incentives across Montana. The project seeks to expand the USDA Double SNAP Dollar (DSD) incentives program state-wide and improve efficiency of the program in order to build a sustainable platform for nutrition incentive programming at farmers markets and other small retail locations in Montana. The goals of this project are informed by applicable experience and lessons learned in five Montana counties, and the purpose is two-fold: to improve the affordability of fruits and vegetables for SNAP recipients, particularly locally-produced produce, and to expand market opportunities for Montana fruit and vegetable producers.

Role on project: Lead Evaluator

Alfred P. Sloan Foundation/Purdue University Thomas (PI - MUS) 7/1/2020 – 6/30/2024
Sloan Indigenous Graduate Partnership

The Sloan Indigenous Graduate Partnership (SIGP) is a scholarship program funded by the A.P. Sloan Foundation since 2003 to support Indigenous (Native American, Alaska Native, Native Hawaiian, and original peoples of Guam, Samoa, or other Pacific Islands with U.S. Citizenship) graduate students pursuing degrees in science, technology, engineering or mathematics (STEM) with the intent of increasing the number of Indigenous Americans earning master's and doctoral degrees in STEM disciplines. The UM SIGP Program was established in the fall of 2005. Indigenous (Native American, Alaskan Native, Native Hawaiian – U.S. Citizenship) graduate students pursuing degrees in STEM at The University of Montana are eligible to apply for the scholarship program established by the A.P. Sloan Foundation.

Role on project: UM Co-Principal Investigator

COMPLETED RESEARCH SUPPORT

AIAN CTRP Development Grant 08/01/2020 – 12/31/2021
Urban Indian Community Assessment Project

The project is conducting a mixed-methods community assessment of general health, participation in ceremony and other traditional practices, PCEs, and rates of alcohol and other substance use in American Indian/Alaska Natives (AI/ANs) living in urban areas in two Montana counties. These data will guide the development and implementation of a substance abuse treatment intervention in urban AIANs.

Role on project: Principal Investigator

1432694

National Science Foundation (Ross, PI) 10/1/2014 – 3/31/2020
Collaborative Research: AGEP-T: Pacific Northwest Collaborative Opportunities for Success in Mentoring of Students (PNW-COSMOS)

The University of Montana, the University of Idaho, Washington State University and Montana State University will collaborate to create the Pacific Northwest Alliance:

Collaborative Opportunities for Success in Mentoring of Students (PNW-COSMOS). The AGEP-T track targets strategic alliances of institutions and organizations to develop, implement, and study innovative evidence-based models and standards for STEM graduate education, postdoctoral training, and academic STEM career preparation that eliminate or mitigate negative factors and promote positive practices for URMs. The PNW-COSMOS project will develop, implement, and study a model of STEM graduate education focusing on underrepresented minorities (URMs), specifically those who are American Indians (AIs) and Native Alaskans (NAs).

Role on project: Co-Principal Investigator

USDA-NIFA 11898018

03/01/2016 – 03/15/2019

Growing Strong Generations

This 2-year USDA Strengthening project aimed to plant the seeds for a multi-year, integrated USDA AFRI project that will significantly impact the food and nutrition needs of children living in rural, low-resourced, American Indian communities. This project is a research collaboration between the University of Montana, Salish-Kootenai College and the Flathead Indian reservation.

Role on project: Co-Principal Investigator

1R13HD080904-01

8/15/2014-6/30/2019

National Institutes of Child Health and Development

Partnerships to Prevent Childhood Obesity on the Flathead Indian Reservation

This 3-year study developed partnerships between the University of Montana and community organizations and residents on the Flathead Indian Reservation to implement interventions that decrease risk of obesity in children living on the Flathead Reservation.

Role on project: Principal Investigator

P20GM103474

NIGMS – Montana INBRE

05/01/2014 – 04/30/2017

Expanding the role of family in culturally appropriate childhood obesity prevention strategies

This study will assist with the development of a culturally relevant intervention for Native family members to improve physical activity and nutrition outcomes of the children participating in a prevention program.

Role on project: Principal Investigator

P20GM103474

5/01/2014 – 04/30/2016

NIGMS – Montana INBRE

Indoor exposure and dietary determinants of DNA methylation in asthmatic children

This study aims to determine the association between indoor PM and endotoxin exposure due to biomass combustion and DNA methylation among asthmatic and non-asthmatic children and the effect of dietary factors on epigenetic profiles and respiratory health.

Role on project: Co-Principal Investigator

1 R34 DK096405-01A1

National Institute of Diabetes, Digestive and Kidney Diseases (Mayer-Davis, PI)

6/01/2014 – 6/30/2016

Tribal Turning Point: Pilot Study of Prevention of Type 2 Diabetes in American Indian Youth

This study developed and pilot test an adapted version of the adult-based Diabetes Prevention Program to be developmentally relevant for American Indian youth, and incorporate a motivational learning approach with the curricula.

Role on project: Consultant

NIGMS – Montana INBRE

05/01/2012 – 04/30/2014

Developing and Pilot-testing Community-Based Strategies for Increasing Physical Activity in American Indian Youth

The primary objectives of the study is to support the work of a UM IIP (PhD) candidate, Vernon Grant to conduct his proposed doctoral studies that develop a relationship/partnership with the Arlee, Montana elementary school and surrounding community on the Flathead Indian reservation and establish a sustainable and effective physical activity program for youth living in the Arlee, Montana community. These objectives will be accomplished through an initial formative study, followed by a pilot study of the physical activity program.

Role on project: Principal Investigator

1U54 GM104944-01

9/15/2013-06/30/2014

NIGMS – University of Nevada CTR-IN

Fully developing and piloting a high-intensity nutrition and exercise after-school program

The major goals are to develop family-based intervention materials and test the feasibility of a high-intensity nutrition and exercise intervention for children attending an after-school program.

Role on project: Principal Investigator

1UGM104944-01.

2/01/2014-06/30/2014

NIGMS - University of Nevada CTR-IN

CTR-IN Visiting Scholars Exchange

This 4 month visiting scholars exchange allowed Dr. Brown to participate in research activities with her primary mentor, Dr. Marjorie Mau and the Center for Native and Pacific Health Disparities Research at the University of Hawaii, to learn more about their community-based, diabetes and obesity prevention research being implemented in native communities on Oahu. Dr. Brown also spent time building more skills in grant and manuscript writing for NIH-funded health disparities research. The purpose of the exchange was to strengthen Dr. Brown's research skills in health disparities research and her progression towards a career in behavioral and translational research.

Montana Department of Transportation

2/1/2012 – 6/30/2013

Improving Participation in the Safe Routes to Schools Program on a Montana Indian

Reservation This study uses a community-based mixed methods approach to assess the built environment and the way K-8th grade students travel to and from school in three districts on the Montana Flathead Indian reservation.

Role on project: Principal Investigator

Office of UM Provost

AY 2013/14

2+2(+2) Community and Related Health Degrees Pilot Project

This project continues the work begun in 2007 to develop a 2+2(+2) Community Health and Related Health Professions undergraduate and graduate degree pathway program with Montana Tribal Colleges, The University of Montana and Montana State University.

Role on project: Co-Director

SP20MD002317-03

7/1/2010 – 6/30/2012

National Institute of Health

Montana State University Center for Native Health Partnerships

*Impact of a Gardening Program on Mental Health Indicators and Diabetes-related**Outcomes in American Indian adults*

This study used a pre-posttest intervention design for its primary aim of determining the effect of a community garden program for American Indian adults with pre-diabetes and diabetes on clinical measures associated with glycemic control and mental health indicators. A secondary aim of the study assesses the acceptability of foods produced in the garden program in food environments on the Rocky Boy Indian reservation.

Role on project: Principal Investigator

Robert Wood Johnson Foundation

2/1/2011-7/31/2012

Improving Participation and Evaluation of Safe Routes to Schools Programs for American Indian Communities

This study utilized community-based participatory mixed methods research approaches to determine barriers and enhancers to tribal communities applying for SRTS funding, assess current evaluation practices for funded SRTS programs in three Montana tribal communities and develop policy change recommendations and disseminate findings.

Role on project: Co-Principal Investigator

Office of UM Vice President for Research

7/1/2011 – 6/30/2012

Social and Behavioral Sciences Research Consortium Development Leadership Team

This project determined barriers and enhancers to increasing social and behavioral science research at the University of Montana and engaged faculty and administrators to facilitate more social and behavioral science research within the Montana University System.

Role on project: Co-Team Leader

P20 RR017670-09: National Institute of Health; UM-COBRE

6/1/2010-8/31/2011

Gestational Exposures, Epigenetics and Respiratory Health

The focus of this pilot study was to identify genome methylation patterns that are associated with *in utero* biomass smoke exposure and maternal diet (Aim 1) and to determine how these exposures are associated with early life respiratory outcomes in children (Aim 2).

Role on project: Co-Investigator

Indian Health Service/MT-WY Tribal Epicenter

10/1/2006 – 1/18/2011

Child Health Measures in Northern Plains Children and Adolescents

This five year study collaborates with all nine Montana-Wyoming Northern Plains Indian

tribes to establish a longitudinal, cohort data base for pediatric health measures in Northern Plains Indian children and adolescents.

Role on project: Project Director

National Institute of Diabetes, Digestive and Kidney Diseases 7/15/2007 – 6/30/2010
R34DK7446-01A2

Diabetes Prevention Program in American Indian Youth

A three year study that assessed, developed and tested community-based, culturally specific diet and exercise strategies for Northern Plains Indian youth, ages 10 -14 on two Montana reservations.

Role on project: Principal Investigator

USDA 8/15/2007–6/30/2009

Implementing Strategies that Increase Healthy Food Consumption in Local Grocery Stores on a Northern Plains Indian Reservation

A project implementing community-based and culturally specific strategies to increase healthier foods in local grocery stores on the reservation.

Role on project: Principal Investigator

SP20MD002317-03: National Institute of Health. 7/1/2008-6/30/2010

Montana State University Center for Native Health Partnerships

Testing a Peer-led Culturally Sensitive Commercial Tobacco Cessation Intervention

This study pilot tests a culturally appropriate non-ceremonial tobacco use intervention at one tribal college.

Role on project: Consultant

SP20MD002317-03: National Institute of Health 10/1/2007 – 10/30/2009

Montana State University Center for Native Health Partnerships

Enhancing Current Standard of Care Strategies for Native Women Diagnosed with GDM

A study that determined barriers and enhancers to current standard of diabetes prevention strategies for Blackfeet and Crow women at risk for developing future diabetes.

Role on project: Principal Investigator

American Diabetes Association 07/01/2006 – 06/30/2009

Does Flaxseed Improve Glycemic Control in Individuals with Pre-Diabetes?

A three-year randomized, controlled trial examining the effect of varying doses of flaxseed on glycemic control in men and postmenopausal women with pre-diabetes. University of Montana is one of two clinical sites participating in the trial.

Role on project: Co-investigator

SERVICE and RELATED EXPERIENCE

UM Institutional Review Board, member **2017 – 2023**

2+2 Public Health B.S. Degree Program – UM and Salish Kootenai College,
Co-Director **2011 - present**

Sloan Indigenous Scholars Program, Advisor/Mentor	2006 – present
UM American Indian Student Success Advisory Board, Member	2010 – present
Missoula All Nations Health Center Board of Directors, Secretary	2018 – present
Mountain West CTR-IN Professional Development Curriculum Advisory Board, Member	2019 – 2022
Community Food and Agriculture – Montana Steering Committee, Equity Sub-Committee, Member	2018 – present
School of Public and Community Health Sciences Graduate Admissions Committee, Chair	2020 – present
College of Health Diversity Committee, Member	2020 – present
Dept of Psychology, Search Committee – Asst. Professor in Clinical Psychology with Emphasis in Integrated Care/Behavioral Medicine, Member	AY 2020/21
UM Office of Research and Sponsored Programs, Search Committee – Research Compliance/TTO Officer, Member	AY 2019/20
UM International Committee, member	2017 – 2019
Dept. Health and Human Performance Assessment Committee, Co-Chair	2016 – 2019
Dept. Health and Human Performance Faculty Evaluation Committee, member	2016 – 2019
Montana University of Graduate Schools Consortium, Member	2012 – 2014
National Institutes of Health, Native American Research Centers for Health grants study sections, Panel Reviewer	2007 – 2018
National Institutes of Child Health and Development, Special Emphasis Panel Reviewer (R15 and R13 grant applications)	2012 – 2016
Society of Behavioral Medicine Conference, Abstract Reviewer	2009 – 2019
Missoula Community Food and Agriculture Coalition Board of Directors, Chair	2012 – 2014
Board of Directors, Member	2007 – 2012
University of Montana AO/EO Director Search Committee, Member	AY 2013/14
Health and Human Performance Unit Standards Committee, Member	2007 – 2011

UM Graduate Student and Faculty Research Conference Committee, Member **2008 – 2011**

UM Faculty Senate, Senator **2008 – 2011**

National Indian Health Board and Indian Health Service National Working Group for Prevention of Childhood Obesity in American Indian Children, Member **2009 – 2011**

Health and Human Performance Search Committee – Asst. Professor Exercise Science, Chair **AY 2007/08**

UM Indian Education of All Committee, Member **2002 – 2005**

Thesis, Dissertation Advisor; Committee Member or Chair (Past Eight Years)

Master's Thesis: Babcock, Drew (Blackfeet); Chalgian, Aliza; Elliot, Jennifer; Gleason, Rebecca; Grant, Vernon (Blackfeet); Horan, Holly; Guthrie, Ruth; LaPorte, Stephanie; McGuigan, Lauren; Pedersen, Maja; Ricci, Christiana; TopSky, Whitney (Cree); Rohfleisch, Kristen; Means, Quentin (Northern Cheyenne); Meiwald, Tiffany (Cree); Dalton, Samantha; Frederickson, Harley; Malich, Julia; Parrish, Mary; Sunchild, John (Cree)

Dissertation: Dupuis, Anita (Salish); Grant, Vernon (Blackfeet); Hudson, Penny; Montrose, Luke; Yoshuda, Nobu (Chinese); Cole, Beth (Asian American); Pedersen, Maja, Barnett, D'Shane (Mandan/Arikara), Brown, Joshua (Salish), Benally, Nicole (Navajo).

SCPHS Applied Practice Experience –Primary Academic Advisor: Brown, Joshua (Salish), Calhoon, Julie (Salish), Elderkin, Rebecca; Bird, Leo (Blackfeet), Black, Sarah; Manuel, Ali; Guy, Jesse .

Collaborators and Other Affiliations: Tryon, Michael, Salish Kootenai College; Lambert, Lori, Salish Kootenai College; Crebs, Douglas, Stone Child Community College; Harris, Kari Jo, University of Montana; Galindo, Ed, Idaho State University; Thomas, Aaron, University of Montana; Ross, Sandy, University of Montana; Christopher, Suzanne, Montana State University; Heil, Daniel, Montana State University; Hutchins, Andrea, University of Colorado; Noonan, Curtis, University of Montana; Slavin, Joanne, University of Minnesota; Mau, Majorie, University of Hawaii, Riz Firestone, Massey University, New Zealand; Jacquie Bay, University of Auckland, New Zealand.

External Reviewer for Peer-Reviewed Journals (Past Six Years)

The Journal of General Medicine, Journal of Alternative and Complementary Medicine, British Journal of Nutrition, Journal of School Nursing, Journal Public Health Management and Practice, Journal of Environmental Health and Nutrition, Journal of Hunger and Environmental Nutrition, Progress in Community Health Partnerships: Research, Education, and Action, Health Promotion Practice.

MEMBERSHIPS

Society of Behavioral Medicine

Montana Diabetes Project Advisory Coalition
American Dietetic Association
Montana Dietetic Association
Missoula City-County Health Department Maternal Child Health Advisory Board

ADDITIONAL SKILLS

Proficient in SPSS (quantitative data analysis software), Word, Excel, Powerpoint, EndNote (bibliographic software), NVivo (qualitative data analysis software)