

Nikki Barry (McDaid)

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EDUCATION

Ph.D. in Learning Sciences, Northwestern University **2023**

Dissertation: Understanding and Cultivating Close Nature-human Relations: Indigenous Knowledge Systems and Education toward Sustainable and Just Environmental Futures

Committee: Dr. Megan Bang (Chair), Dr. Doug Medin, Dr. Shirin Vossoughi, and Dr. Anna Lees

M.A. in Teaching, Pacific University **2016**

Endorsements: K-12 Teaching in English language arts and social studies

Advisor: Dr. Daniel Kirk

B.S. in Sociology, Northeastern University **2011**

Honors: Graduated summa cum laude

PROFESSIONAL APPOINTMENTS

2023-present, Assistant Professor of Environmental Justice Education

Department of Education

School of Education and Information Studies

University of California, Los Angeles

SCHOLARSHIPS, AWARDS, AND HONORS

2021-2022 - Spencer/National Academy of Education Dissertation Fellowship

2007-2021 - Gates Millennium Scholarship/Fellowship

2019-2020 - Center for Native American and Indigenous Research Fellowship

2018-2019 - Sibyl N. Heide Fellowship

2017-2018 - Top Scholar Program Fellowship

2011-2012 - HARCS Dean's Fellowship (offered by UC Davis)

2011 - Graduated summa cum laude (Northeastern University)

2007-2009 - Martin Luther King, Jr. Scholarship

2007-2009 - Martin de Porres Scholarship

PUBLICATIONS

McDaid Barry, N. & Bang, M., Bruce, F., Barajas-Lopez, F. (2023). Then the Nettle People won't be lonely: Recognizing plant personhood in an Indigenous STEAM summer program. *Cognition and Instruction*.

Bruce, F., Bang, M., Lees, A., **McDaid, N.**, Peters, F., & Bushnell, J. (2023). Indigenous Water Pedagogies: Cultivating Relations Through the Reading of Water. *Occasional Paper Series*, (49).

Bang, M., **McDaid-Morgan, N.**, & Tsoodle, A. (2020). Creating science learning environments in which Indigenous students can thrive. *National Science Teaching Association Blog*.

Marin, A., Ambo, T., **McDaid-Morgan, N.**, White Eyes, R., Bang, M. (2020). Enacting Relationships of Kinship and Care in Educational and Research Settings. In: Arshad Ali and Teresa McCarty (Eds) *Critical Youth Research in Education: Methodologies of Praxis and Care*. Routledge.

Montaño Nolan, C. L. M., Bang, M., & **McDaid-Morgan, N.** (2019). Indigenous Family Engagement: Authentic partnerships for transformative learning. In McWayne, C., Doucet, F. (eds) *Research on Family School Partnerships: Ethnocultural Diversity and the Home-to-School Link*. Springer.

Bang M., Montaño Nolan C., **McDaid-Morgan N.** (2018). Strong Families, Strong Nations: Indigenous family engagement. In McKinley E. & Smith L. (eds) *Handbook of Indigenous Education*. Springer, Singapore.

PUBLICATIONS IN PRESS OR PREPARATION

Barry, N. & Bang, M. (in prep). Affordances of longitudinal and latitudinal case studies in Indigenous STEAM education [working title]. In *The Elgar Research Handbook on the Anthropology of Education*.

Barry, N. & Bang, M. (in prep). "How [we] walk in the world:" Indigenous Storywork and psychological distance in human-plant relations.

Barry, N. & Bruce, F. (in prep). Indigenous ways of knowing and socio-ecological systems learning [working title]. In *The Handbook of Climate Change Research in Transdisciplinary Science Education*.

Jadallah, C., Barry, K.M., Germinaro, K., **Barry, N.** (submitted). Building the world anew:

On hope in climate change education.

McDaid, N. & Barry, K.M. (in press). 'The Future is Black and Indigenous!' In *Futures of Indigenous Education*. The New Press.

Marin, A., Bruce, F., **Barry, N.**, White Eyes, R., DeerInWater, K., & Bang, M. (under review). Indigenous science education and STEM-related education. To appear in Oxford Bibliographies.

Villanosa, K., Lees, A., Bruce, F., **Barry, N.**, Bang, M., (in prep). Beginning with our original teachings: Activity beginnings with Indigenous axio-onto-epistemologies to create conditions for thriving.

Villanosa, K., **Barry, N.**, Bruce, F., Shrodes, A., Lees, A., Bang, M., (in prep). A different Nettle story: Restorying Indigenous gender narratives through roles, relationships, responsibilities, and gifts.

CONFERENCE PRESENTATIONS

Barry, N. (April 2024) *Adolescents and the Climate Crisis: Considering Youth Rights, Collective Action, and the Role of Developmental Science* [Invited Moderator for Keynote Panel]. Society for Research on Adolescents Conference.

Barry, N. & Bang, M. (April 2024) *Living our Stories: Indigenous Storywork and youth resilience in the face of uncertain climate futures*. [Poster Blitz Symposium]. Society for Research on Adolescents Conference.

Barry, N. (April 2023) *Attending to the axiological when working with Indigenous communities*. [Symposium]. American Educational Research Association Conference.

Bang, M., Lees, A., Bruce, F., , Bruce, F., Ovies-Bocanegra, M. A., **Barry, N.** (April 2023) *Indigenous STEAM across contexts*. Urban Indian Education Conference. Chicago, IL.

McDaid, N. (April 2022) *Community within: Activism and community-based research as a way of life* [Presidential Session Invited Panel]. American Educational Research Association Conference.

Villanosa, K. R., Lees, A., Bang, M., **McDaid, N.**, Bruce, F. (April 2022) *Beginning with our original teachings: Launching activities with Indigenous Axio-Onto-Epistemologies to create conditions for thriving* [Invited Symposium]. American Educational Research Association Conference.

Jadallah, C., Silvera Seamans, G., Sherry-Wagner, J., Hect, M., **McDaid, N.**, Bell, P., McGowan, V., (8 October 2021) *Centering Human and More-Than-Human Interactions Across Wildly Different Educational Contexts*. [Workshop]. North American Association of Environmental Education Conference.

McDaid-Morgan, N., Bang, M., Guerra, M. (July 2020) *Living stories in teaching and learning for remaking nature-culture relations* [Paper in Symposium]. ICLS Annual Meeting, Nashville, TN, <https://tinyurl.com/ycwns96z> (Conference Canceled).

Villanosa, K., **McDaid-Morgan, N.,** Bruce, F., Barajas-Lopez, F., Bang, M. (July 2020) *Politically- and ethically-driven reflective practice: An ideational resource for remaking intergenerational relations* [Paper in Symposium]. ICLS Annual Meeting, Nashville, TN, <https://tinyurl.com/ycwns96z> (Conference Canceled).

Marin, A., Halle-Erby, K., **McDaid-Morgan, N.,** Meixi, Collins, C., Booker, A., Bang, M. (July 2020) *Ethics and researcher learning* [Paper in Symposium]. ICLS Annual Meeting, Nashville, TN, <https://tinyurl.com/ycwns96z> (Conference Canceled).

McDaid-Morgan, N. and Bang, M. (November 2019) *“Then the Nettle People won’t be lonely”*: Recognizing the personhood of plants in an Indigenous STEAM summer program. Presented at the Association of Moral Education Conference. Seattle, WA.

Baker-Oglesbee, A., Bruce, F., Hosoda, K., Isaacs, D., **McDaid-Morgan, N.,** Tsosie, R. (October 2019) *Indigenous Academia from the Ground Up*. Presented at the American Indian Science and Engineering Society Conference. Milwaukee, WI.

Baker-Oglesbee, A., **McDaid-Morgan, N.,** Bruce, F., Soto, C., Bang, M. (May 2019) *(Re)Introduction to Community-Based Design Research*. Presented at Urban Indian Education Conference. Chicago, IL.

Marin, A., Nolan, C., **McDaid-Morgan, N.,** Bang, M. (April 2019) *Walking Pedagogies and Indigenous Resurgence in Learning Environments*. Presented at the American Education Research Association (AERA) Conference. Toronto, ON.

Bang, M., **McDaid-Morgan, N.** (April 2019) *Supporting Youth Sense-making of Political and Ethical Possibilities of Heterogeneous Nature-culture Relations*. Presented at AERA. Toronto, ON.

Bang, M., **McDaid-Morgan, N.,** Guerra, M. (April 2019) *Engaging Native youth in learning and making change*. Presented at AERA. Toronto, ON.

McGinty, M., **McDaid-Morgan, N.,** Tsoodle, A., Bang, M. (October 2018). *Models of Collaboration Between Environmental Education Providers and Indigenous Communities*. Presented at the North American Association for Environmental Education Annual Conference. Spokane, WA.

McDaid-Morgan, N. (May 2016). *Extending the restorative practices model: Using circle discussions to teach core content*. Presented at the Annual Pacific University Graduate Student Conference. Forest Grove, OR.

INVITED WORKSHOPS, TALKS, AND PROFESSIONAL DEVELOPMENT

Barry, N. (May 2024) *Empowering Indigenous Voices - Rights and Representation*. International Youth Conference. Invited talk. Los Angeles, CA.

McDaid Barry, N. (January 2023) “*Then the Nettle People Won’t be Lonely*” *Indigenous ways of knowing, kin relations, and climate change education*. Invited talk. University of Chicago.

McDaid, N. & Bruce, F. (May 2022) *Walking Land: Understanding Campus as Indigenous Land and as Part of the Natural World*. Invited workshop. Northwestern University. Evanston, IL.

Bruce, F. & McDaid, N. (May 2022) *Indigenous Histories and Futures of the Great Lakes*. Invited workshop. Zumwalt Acres Spring Cohort. Sheldon, IL.

McDaid, N. (October 2021) *Plants are our First Teachers: Climate Change and Indigenous Ways of Knowing*. Invited talk. Indigenous Speakers Series. University of Wisconsin - Madison.

McDaid, N. & Bruce, F. (October 2021) *Indigenous Histories and Futures of the Great Lakes*. Invited workshop. Zumwalt Acres Fall Cohort. Sheldon, IL.

McDaid, N. (July 2021). *Indigenous Science: Making Plant Relatives*. Invited workshop. Dawes Elementary School, Evanston, IL.

Bruce, F. & McDaid, N. (July 2021) *Introduction to Indigenous History*. Invited workshop. InterAction Initiative Storytelling for Racial Justice.

Bang, M., McDaid, N., Bruce, F., Gurneau, J. (January 2021) *Teaching and Learning the Past and Present of Indigenous Peoples*. Invited Professional Development. Evanston/Skokie District 65, IL.

McDaid, N., & Bruce, F. (April 2021) *Indigenous Science: Walking Land*. Invited workshop. Teenagers Exploring and Explaining Nature and Science program by After School Matters and the US Forest Service.

Bruce, F. & McDaid-Morgan, N. (December 2020) *Indigenous Science*. Invited workshop. Teenagers Exploring and Explaining Nature and Science program by After School Matters and the US Forest Service.

RESEARCH

2023-Present, Faculty Researcher

NSF AISL Grant: Collaborative Research: Intergenerational Learning, Deliberation, and Decision Making for Changing Lands and Waters

Principal Investigators: Dr. Megan Bang, Dr. Filiberto Barajas-López, Dr. Anna Lees, Marjorie James, & Jordan Shananaquet
Funded: 2021-2026 (\$1.4 million). NSF DRL 2115963
Community Partners: American Indian Center of Chicago, Tulalip Tribes, Niigaandwin Education Department at Little Traverse Bay Band of Odawa Indian

2021-2022, Research Assistant

NSF AISL Grant: Collaborative Research: Intergenerational Learning, Deliberation, and Decision Making for Changing Lands and Waters
Principal Investigators: Dr. Megan Bang, Dr. Filiberto Barajas-López, Dr. Anna Lees, Marjorie James, & Jordan Shananaquet
Funded: 2021-2026 (\$1.4 million). NSF DRL 2115963
Community Partners: American Indian Center of Chicago, Tulalip Tribes, Niigaandwin Education Department at Little Traverse Bay Band of Odawa Indians

2017-2022, Research Assistant

NSF AISL Grant: Complex socio-ecological systems reasonings: An investigation of the impact of culture and experience on reasoning about complex socio-ecological phenomena among students from diverse backgrounds.
Principal Investigators: Dr. Megan Bang and Dr. Doug Medin
Funded: 2017-2021 (\$1.9 million). NSF DRL 1712796
Community Partners: American Indian Center

2017-2018, Research Assistant

NSF DRK-12 Grant: Learning in Places: Developing Field Based Science Education.
Principal Investigators: Dr. Megan Bang, Dr. Carrie Tzou, Mary Margret Welch, Sharon Shiel
Funded: 2017-2021 (\$2.9 million). NSF REC- 1720578
Community Partners: Seattle Public Schools, Tilth Alliance

TEACHING

2024 Spring, Faculty, UCLA

Undergraduate Class: Indigenous Pedagogies

2024 Winter, Faculty, UCLA

Undergraduate Class: Introduction to Educational Issues and Scholarship

Undergraduate Class: Environmental Relationships through Indigenous Practices

2018-2022, Indigenous STEAM Summer Program Teacher

NSF AISL Grant: Complex socio-ecological systems reasonings: An investigation of the impact of culture and experience on reasoning about complex socio-ecological phenomena among students from diverse backgrounds.

2019 Fall, Teaching Assistant, Northwestern University

Graduate Class: Foundations of the Learning Sciences,
Professors: Drs. Megan Bang and Bruce Sherin

2019 Winter, Teaching Assistant, Northwestern University

Undergraduate Class: Moral Development: Hip hop culture to the Amish way
Lecturer: Dr. Kalonji Nzinga

2018 Spring, Reader/grader, University of Washington

Undergraduate Class: Community-based Participatory Research Methods
Lecturer: Dr. Megan McGinty

2017 Summer, Teacher, Seattle Public Schools, Seattle, WA

Summer school 9th grade English

2016-2017, Teacher, Marysville Charter Academy for the Arts, Marysville, CA

Advanced Placement English Language and Composition
12th grade English
8th grade English
Musical Theatre

2015-2016, Student Teacher, Forest Grove Community School, Forest Grove, Oregon

7/8th grade English
7/8th grade Social Studies

SERVICE

National and International

2024 - Reviewer for *the Journal of American Indian Education*

2024 - DEI Consultant for WestED and the State of California

2024 - Panel Reviewer for NSF Grants

2023 - Reviewer for Spencer Foundation Grants

2023 - Reviewer for a special issue collaboration between *the Journal of American Indian Education* and *the Rural Educator*

2021-2023 - Reviewer for *Mind, Culture, and Activity*

2021-2022 - Graduate Student Representative, American Educational Research Association Indigenous Peoples of the Americas Special Interest Group (AERA IPA SIG)

2020-2021 - Graduate Student Elect - American Educational Research Association
Indigenous Peoples of the Americas Special Interest Group (AERA IPA SIG)

2020-2021 - Organizer for the 2020 Learning Sciences Graduate Student Conference

2019-Present - Member of the Political and Ethical Perspectives on Learning Virtual
Lab

2018-2019 - Organizer for the 2019 Learning Sciences Graduate Student Conference

University of California, Los Angeles

2023-Present – Faculty Executive Committee, Department of Education
Ladder/Senate Faculty Representative

Northwestern University

2018-2023 - Center for Native American and Indigenous Research (CNAIR) advisory
board member

2019-2021 - Equity in Teacher Recruitment Advisory Board member for the MS in
Education program

2019-2020 - Prospective graduate student interview day

2018-2019 - School of Education and Social Policy hiring committee for staff persons

Pacific University

2015-2016 - Graduate student representative for the Pacific University Board of
Trustees bi-annual meeting

2016 - Pacific University College of Education Standards and Appeals Subcommittee
member

PROFESSIONAL MEMBERSHIPS

American Education Research Association

International Society of the Learning Sciences

American Psychological Association