Sarah Becker Hortsch, PhD, MSW, RN University of Michigan School of Nursing Room 2185; 400 North Ingalls St. Ann Arbor, MI 48109 734-255-0491 redfish@umich.edu

EDUCATION AND TRAINING

- 1985 BA, Psychology, University of Michigan, Ann Arbor, Michigan
- 1990 MSW, Clinical Social Work, University of Michigan, Ann Arbor, Michigan
- 2003 BSN, School of Nursing, University of Utah, Salt Lake City, Utah
- 2018 PhD, School of Nursing, University of Michigan, Ann Arbor, Michigan

CERTIFICATION AND LICENSURE

- 1990-1994 MSW, Clinical, State of Michigan
- 2003-2005 Registered Nurse, State of Utah
- 2003-present Registered Nurse, State of Michigan: #4704243523
- 2017 Certificate in Nursing Education, School of Nursing, University of Michigan, Ann Arbor, MI
- 2024 Certificate in Psychedelic Therapy and Research (CPTR), California Institute of Integral Studies Certificate in MDMA-Assisted Therapy Education, Lykos Therapeutics (formally MAPS, Johns Hopkins Center for Psychedelic and Consciousness Research)

ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS

- 1986-1988 Graduate Student Instructor (GSI), Department of Psychology, University of Michigan, Ann Arbor. *Introduction to Psychology*.
- 1987-1989 Research Assistant, *The Coping Study*, PI Ken Silk, MD, University of Michigan, Ann Arbor.
- 1988-1990 Research Assistant, *The Family Styles Project*, PI Neil Kalter, PhD, University of Michigan, Ann Arbor.
- 1989-1994 Social Work Intern and Post-Intern, University of Michigan Psychological Clinic, University of Michigan, Ann Arbor, Michigan.
- 1992-1994 Psychotherapist, Wyandotte Health Center, Wyandotte, Michigan.
- 2001-2003 Student Professional Assistant (SPA II), Maternity Unit, University of Utah Health Center, Salt Lake City, Utah.
- 2003 Staff Registered Nurse, Maternity Unit, University of Utah Health Center, Salt Lake City, Utah.
- 2004-2009 Graduate Student Instructor (GSI), School of Nursing, University of Michigan, Ann Arbor, Clinical instructor (2007-2009), Grader/facilitator (2004-2007)
- 2005-2006 Graduate Student Research Assistant (GSRA). *Roadmap Project*. PI Scott Ransom D.O., MBA, CPE, MPH. African American health disparities in childbirth. University of Michigan School of Medicine, Ann Arbor, Michigan.
- 2006-2007 Research Assistant, *Possibilities Project*. PI Karen Farchaus-Stein, PhD, RN, FAAN. Self-concept and eating disorders. School of Nursing, University of Michigan, Ann Arbor, Michigan.
- 2009-2010 Research Staff, *BRIDGES* study, PI Janis Miller, PhD, ANP-BC. School of Nursing, University of Michigan, Ann Arbor, Michigan.

2010 Adjunct Clinical Faculty, McAuley School of Nursing, University of Detroit Mercy, Detroit, Michigan. *Community Health Clinical.*

- 2010-2013 Charge Nurse, Adult & Adolescent Psychiatric Partial Hospitalization Program, Huron Oaks, Saint Joseph Mercy Hospital, Ann Arbor, Michigan.
- 2013-2015 Assistant Professor, College of Nursing and Health, Madonna University, Livonia, Michigan.

2018-2020	Faculty Practice, Child and Adolescent Mental Health and Wellness (8CAP), Michigan
	Medicine, Ann Arbor, Michigan.
2018-2022	Clinical Instructor, Undergraduate Studies Program & Department of Health Behavior and
	Biological Sciences, School of Nursing, University of Michigan, Ann Arbor, Michigan.
2021-2023	Faculty Practice, Truly Healthy Bladder, PI Janis Miller, PhD, APRN, FAAN
2022-present	Clinical Assistant Professor, Undergraduate Studies Program & Department of Health Behavior
	and Biological Sciences, School of Nursing, University of Michigan, Ann Arbor, Michigan.
2022-present	Inclusive Teaching Liaison, Undergraduate Studies Program, School of Nursing, University of
	Michigan, Ann Arbor, Michigan.
2022-present	Clinical Specialty Lead - Behavioral Health Nursing, Undergraduate Studies Program, School of
	Nursing, University of Michigan, Ann Arbor, Michigan.
2024-present	Clinical Assistant Professor, Michigan Psychedelic Center, Michigan Medicine, Ann Arbor,
-	Michigan.

RESEARCH INTERESTS

Doctoral Dissertation: Hortsch, S.B. (2018). The female overactive bladder in our beverage-centered society: An evolutionary perspective. [Doctoral dissertation, University of Michigan, Ann Arbor]. ProQuest Dissertations Abstracts International, Vol: 79-12(E), Section: B.

Dissertation Chair:	Janis M Miller, PhD, RN, APRN, FAAN
Dissertation Committee:	Ana Baylin, MD, MPH, DrPH
	Beatrice Kalisch, PhD, RN, FAAN
	Megan O'Brien Schimpf, MD, MHSA
	Abigail Smith, PhD

Research Interests: Mental Health, Psychedelic Therapies Women's bladder health Evolutionary medicine, nutrition, and chronic disease

GRANTS

NR-044539 Neuroscience/Nurse NIH Institutional training grant Role: Student

HONORS AND AWARDS

2000-2003	Dean's List, University of Utah
2001-2003	Bamberger Memorial Foundation Scholarship, University of Utah
2003-2004	Cosgrove scholarship, University of Michigan, Ann Arbor
2015	Elected by BSN graduating class to give the inspirational speech at the Madonna University
	pinning ceremony.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- 2003-present Sigma Theta Tau, Rho Chapter
- 2004-2008 Midwest Nursing Research Society
- 2014-2015 Sigma Theta Tau, Kappa Iota Chapter
- 2018-2022 International Continence Society
- 2018-present American Nurses Association
- 2019-present International Society of Psychiatric-Mental Health Nurses
- 2020-present Center for Global Health Equity, University of Michigan
- 2021-2023 International Society of Evolution, Medicine, and Public Health

2006-2007

\$31,000

TEACHING

Time Period	Institution	Course	Your Role
2004-2009	School of Nursing,	NURS 352: Childbearing	Graduate Student
	University of Michigan,	and Reproductive Health	Instructor (GSI),
	Ann Arbor	NURS 456: Population	Grader/facilitator,
		Health	Clinical Instructor
		NURS 357: Introduction	
		to the Research	
		Approach in Nursing	
		NURS 124: Growth and	
		Development	
		NURS 130: Health	
		Promotion and Risk	
		Reduction	
		<i>NURS 532</i> : The	
		Theoretical Base for	
		Advanced Nursing	
		Practice	
		NURS 456: Population	
		Health (Clinical)	
2010	McAuley School of	NURS 4350: Community	Clinical Instructor
	Nursing, University of	Health Practicum	
	Detroit Mercy, Detroit,		
	Michigan.		

2013-2015	College of Nursing and Health, Madonna University, Livonia,	<i>NUR 3460:</i> Holistic Mental Health Nursing Care (Didactic)	Assistant Professor
	Michigan	<i>PSY 3100:</i> Health Psychology (Didactic)	
		Developed course. <i>NUR 7010:</i> Health	
		Policy Analysis and	
		Advocacy (Didactic) NUR 4430: Population-	
		focused Professional	
		Nursing (Clinical)	
		NUR 3460: Holistic	
		Mental Health Nursing Care (Clinical)	
2018-2022	Undergraduate Studies Program & Department of Health Behavior and	<i>NURS 234</i> : Introduction to Clinical Practice Lab (Didactic)	Clinical Instructor
	Biological Sciences,	<i>NURS 373</i> : Behavioral	
	School of Nursing,	Health Clinical (Clinical)	
	University of Michigan,	NURS 456: Population	
	Ann Arbor, Michigan	Health Clinical,	
		including one section	
		conducted in Khon Kaen, Thailand, Spring 2020	
		(Clinical)	
		NURS 142: Nursing	
		Seminar (Grader)	
2022-present	Undergraduate Studies	NURS 196:	Clinical Assistant
	Program & Department	Communication, Groups,	Professor
	of Health Behavior and	and Teams (Didactic)	
	Biological Sciences, School of Nursing,	<i>NURS 234</i> : Introduction to Clinical Practice Lab	
	University of Michigan,	(Clinical)	
	Ann Arbor, Michigan	NURS 373: Behavioral	
	, 5-	Health (Clinical)	
		NURS 482: Therapeutic	
		Nursing Care III	
		(Clinical)	
		NURS 495: Honors	
		Project	

Student Mentorship

Student Name	Time Period	Degree Program	Your Role: Title of Project
Park, Hannah	2021-2023	Undergraduate Honors, School of Nursing, University of Michigan, Ann Arbor	Mentor: Mentoring research experience, data analysis. Beverage and food intake and overactive bladder in females.

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

Institutional

2006-2007	Curriculum Committee, Doctoral Student Member, School of Nursing, University of Michigan.
2013-2015	Curriculum Committee, College of Nursing and Health, Madonna University, Livonia, Michigan.
2013-2015	Faculty participation in Spring Commencement Ceremony, College of Nursing and Health,
	Madonna University, Livonia, Michigan.
2013-2015	Sigma Theta Tau, Kappa Iota Chapter, Board of Directors.
2019-2020	Thailand Committee, Office of Global Affairs, School of Nursing, University of Michigan.
2019-2022	Curriculum Committee, School of Nursing, University of Michigan.
2019-present	Reviewer: Honors applications, School of Nursing, University of Michigan.
2022 -present	Faculty participation in Spring Commencement Ceremony, Rackham Auditorium, School of
2022	Nursing, University of Michigan, Ann Arbor, Michigan.
2022-present	Specialty Lead, Behavioral Health, School of Nursing, University of Michigan, Ann Arbor, Michigan.
2022 magaint	•
2022-present	Faculty Liaison for Inclusive Teaching, School of Nursing, University of Michigan, Ann Arbor, Michigan.
2022-present	Mentor for new faculty, NURS 373 Behavioral Health (Clinical).
2024	Reviewer: Poster Submissions, Research, Scholarship & Innovation Symposium, School of
	Nursing, University of Michigan, Ann Arbor.
International	
2020	Reviewer: Chiang Mai University 2020 conference, "Advocacy and Policy: Strengthening the
	Voice and Capacities of Health Professionals."
2021	Reviewer: CUGH (Consortium of Universities for Global Health) "Lancet Global Health: CUGH
	best student poster competition 2021"
Volunteer Ser	rvice
2013-2014	School Health Fair, Rutherford Elementary School, Detroit, Michigan.
2014	Disaster Management Drill, St. Mary Mercy Hospital, Livonia, Michigan.
2014-2015	Mental Health Screening, American Indian Family and Health Services, Powwow, Redford, MI
2015-2017	Mental Health Screening, American Indian Family and Health Services, Dance for Mother Earth
	Powwow, Skyline High School, Ann Arbor, MI.
2020-present	Jewish Family Services of Washtenaw County, MI.
2021-2022	COVID vaccination administration, Washtenaw County Health Department, MI.

SEMINARS, AND EXTRAMURAL INVITED PRESENTATIONS

Extramural Invited Presentations

- 2019 "Guidelines for Helping Students in Distress", Madonna School of Nursing, Livonia, Michigan.
- 2022 "The Beverage Intake Explosion: An Evolutionary Mismatch Proof of Concept". Video presentation and discussion, University of Michigan Pelvic Floor Research Group (PFRG) annual meeting.

BIBLIOGRAPHY

Peer-Reviewed Journals and Publications

1. Stuart, J., Weston, D., Lohr, N., Benjamin, J., **Becker**, S., Vorus, N., & Silk, K. (1990). Object relations in borderlines, depressives, and normals: An examination of human responses on the Rorschach. *Journal of Personality Assessment*, 55(1&2), 296-318.

- Ford, B., Dalton, V., Lantz, P., Lori, J., Noll, T., Rodseth, S., Ransom, S., & Siefert, K. (2005). Racial disparities in birth outcomes: Poverty, discrimination, and the life course of African American women. *African American Research Perspectives*, 11(1), 48-64.
- 3. Miller, J.M., **Rodseth**, **S.B.**, & Ying, G. (2011). Cluster analysis of intake, output, and voiding habits collected from diary data. *Nursing Research*, Mar-April, 60(2), 115-23.
- 4. Miller, J.M., Garcia, C.E., **Hortsch**, **S.B.**, Ying, G., & Schimpf, M.O. (2016). Does instruction to eliminate coffee, tea, alcohol, carbonated, and artificially sweetened beverages improve lower urinary tract symptoms: A prospective trial. *Journal of Wound, Ostomy and Continence Nursing*, 43(1), 69-79.
- 5. Miller, J.M., Schimpf, M., Hawthorne, K., **Hortsch, S.B.**, Garcia, C., & Smith, A.R. (2022). Fluids affecting bladder urgency and lower urinary symptoms: Results from a randomized controlled trial. *International Urogynecology Journal*, 33(5), 1329-1345.
- 6. Hortsch, S.B., Smith, A.R., Schimpf, M.O., Miller, J.M. (2022). The beverage intake explosion: An evolutionary mismatch proof of concept. *In revision*
- Lukacz, E.S., Fok, C.S., M. Bryant, M., Rodriguez-Ponciano, Casas-maya, M., Meister, M., Mueller, Lewis, C.E., Lowder, J., Smith, A.L., Stapleton, A., Ayala, A., Pakpahan, Horstch, S., Putnam, S., Rudser, K., Song, S., Knight, R., Brubaker, L., for the PLUS Research Consortium. (2023) Feasibility of home collection for urogenital microbiome samples. (Accepted, *Urogynecology*)
- Brady, S.S., Klusaritz, H.A., Falke, C., Gahagan, S., Hebert-Beirne, J., Hortsch, S.B., Kenton, K., Lewis, C.E., Lipman, T.H., McGwin, G., Nodora, J.N., Norton, J.M., Nuscis, K., Rodriguez-Poinciana, D.P., Rudser, K.D., Sutcliff, S., Wilson-Powers, E., Cunningham, S.D. (2024) Ethnic and racial social identity, socioeconomic position, and women's bladder health. (Under review)

Published Abstracts

- 1. Hortsch, S.B. (2007). "Contingencies of Self Worth in Women with Eating Disorders", Poster presentation, Midwest Nursing Research Society (MNRS), Omaha, Nebraska.
- Hortsch, S.B. (2021). "The Beverage Intake Explosion: An Evolutionary Mismatch Proof of Concept", Abstract and video presentation, International Continence Society 2021, Melbourne and Online. https://www.youtube.com/watch?v=U3hhhMOYy0Q&t=44s&ab_channel=icstelevision