

CURRICULUM VITAE

Judith Michelle Schlaeger, PhD, CNM, LAc, FACNM, FAAN

Associate Professor

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EDUCATION

- 2014 **Postdoctoral Fellowship.** University of Illinois Chicago, Center of Excellence for End-of-Life Transition. Research Mentor: Diana J. Wilkie, PhD, RN, FAAN
- 2009- 2013 **Doctor of Philosophy.** Acupuncture Science. Guangzhou University of Chinese Medicine; Guangzhou, Guangdong Province, People's Republic of China. Dissertation: "Acupuncture for the Treatment of Vulvodynia"
- 1999-2005 **Masters of Science in Oriental Medicine.** Midwest College of Oriental Medicine, Chicago, IL
- 1999-2005 **Bachelors of Science in Nutrition.** Midwest College of Oriental Medicine, Chicago, IL
- 1999-2002 **Diploma in Acupuncture.** Midwest College of Oriental Medicine, Chicago, IL
- 1986-1988 **Masters of Science in Nurse-Midwifery.** University of Illinois Chicago, Chicago, IL
- 1977-1980 **Bachelors of Science in Nursing.** University of Illinois Chicago, Chicago, IL

LICENSURE AND CERTIFICATION

- 2003- Certification in Acupuncture, National Certification Commission for Acupuncture and Oriental Medicine Number 20697
- 2003- Licensed Acupuncturist, State of Illinois, License Number 198-000608
- 2001- Advanced Practice Nurse, Certified Nurse Midwife, State of Illinois, License Number 209-001907
- 1988- Certification in Nurse Midwifery, American College of Nurse-Midwives, Number 5281
- 1980- Registered Professional Nurse, State of Illinois, License Number 041-197938

ACADEMIC APPOINTMENTS

- 2020- Associate Professor, tenured. Department of Human Development Nursing Science. University of Illinois Chicago, College of Nursing.
- 2018- Visiting Professor. Department of Acupuncture and Moxibustion, Faculty of Health Sciences, Tokyo Ariake University of Medical and Health Sciences, Tokyo, Japan.
- 2015-2020 Assistant Professor, tenure-track. Department of Women, Children, and Family Health Science. University of Illinois Chicago, College of Nursing.
- 2014- Adjunct Faculty, College of Health and Human Services. Governors State University. Course Developer and Lecturer, HLSC4200 Comparative Complementary Alternative Medicine.

PROFESSIONAL EXPERIENCE

- 2003- Private Practice, Skokie, IL, Acupuncturist and Chinese Herbalist
- 2012-2016 Swedish Covenant Hospital, Department of Obstetrics and Gynecology, Chicago, IL, Certified Nurse Midwife
- 2014-2015 University of Illinois Hospital, Dept. of Obstetrics and Gynecology, Chicago, IL, Certified Nurse Midwife
- 2011-2014 University of Illinois Chicago College of Nursing, Department of Women, Children and Family Health Science, Adjunct Clinical Faculty
- 2010-2012 Access Community Health Network, Department of Obstetrics and Gynecology, Chicago, IL, Certified Nurse Midwife
- 1997-2010 Provident Hospital of Cook County, Department of Obstetrics and Gynecology, Chicago, IL, Certified Nurse Midwife
- 1992-2000 Ravenswood Hospital Medical Center, Chicago, IL, Certified Nurse Midwife
- 1992-1992 Illinois Masonic Medical Center, Women's Health Resources, Chicago, IL, Certified Nurse Midwife
- 1991-1995 University of Illinois Hospital, Dept. of Obstetrics and Gynecology, Chicago, IL, Certified Nurse Midwife
- 1990-1991 University of Illinois Hospital Family Planning Clinic, Chicago, IL, Certified Nurse Midwife
- 1989-1992 Chicago Midwifery Service, P.C., Chicago, IL, Home Birth, Certified Nurse Midwife
- 1988-1989 Women's Health Ltd., North Riverside, IL, Home Birth, Certified Nurse Midwife
- 1982-1987 University of Illinois Hospital, Chicago, IL, Staff Nurse, Labor and Delivery
- 1980-1982 Children's Memorial Hospital, Chicago, IL, Staff Nurse

HONORS AND AWARDS

- 2022 Mid-career Investigator Award. Midwest Nursing Research Society. Symptom Science Research Interest Group. Chicago, Illinois, April.
- 2022 Distinguished Abstract Award, Midwest Nursing Research Society (MNRS) 2022 Annual Research Conference, April.
- 2021 Fellow of the American College of Nurse Midwives, May.
- 2020 UIC Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Advisory Board by Invitation.
- 2019 University of Illinois Chicago Honors College Faculty Fellow, September.
- 2019 Incentive Award. Digital Games Research Association (DiGRA). Okayama, Japan. March.
- 2018 Fellow of the American Academy of Nursing. Washington, D.C. November.
- 2018 Excellence in Teaching Award, American College of Nurse Midwives. Savannah, Georgia, May.
- 2018 Joyce Roberts Award for Excellence in Midwifery, American College of Nurse Midwives Illinois Affiliate. Chicago, Illinois. May.
- 2018 New Investigator Award. Midwest Nursing Research Society. Symptom Science Research Interest Group. Cleveland, Ohio. April.
- 2017 1st Place Poster in the Faculty/Staff/Fellow Category. Double-blind Acupuncture Needles: A Multi-needle, Multi-session Feasibility Study. University of Illinois Chicago Center for Research on Women and Gender. Women's Health Research Day, April.
- 2015-2017 Building Interdisciplinary Research through Careers in Women's Health (BIRCWH) Associate, University of Illinois Chicago Center for Research on Women and Gender, April.
- 2015 Award for Best Research Podium Presentation. Acupuncture for the Treatment of Vulvodynia: A Randomized Wait-list Controlled Pilot Study. American College of Nurse Midwives 59th Annual Meeting. Division on Research. National Harbor, Maryland. May.
- 1988 Award for Excellence for Outstanding Graduate Student. University of Illinois at Chicago, June.
- 1988 Speaker at Nursing Convocation, Graduate Student Response. University of Illinois at Chicago, June.
- 1987 Nurse Midwifery Student Fellowship Award for Academic Excellence. American College of Nurse Midwives, May.

FUNDED RESEARCH

Extramural

2023-2027 R01 NR020376-01

(MPI; 30% Academic Year/50% Summer Support)

\$3,120,024

NIH/NINR Role: **Schlaeger JM, MPI**

DeVon HA (MPI, contact), Schlaeger JM (MPI), Briller JE (co-I). *Effects of Acupuncture on Symptoms of Stable Angina: A Randomized Controlled Trial*. Submitted 03/04/2022. Funded 9/19/2023.

Aims are to: 1) test the efficacy of a 12-point, 10 session acupuncture protocol (compared to attention controls) to reduce anginal pain and improve health-related quality of life; and 2) describe the duration of the acupuncture effects weekly until pain returns to pretest level or up to 12 weeks after posttest in participants with a clinically meaningful reduction in pain intensity.

2023-2025 R21 CA277153

(co-I; 5% Academic Year/5% Summer Support)

\$439,725

NIH/NCI Role: **Schlaeger JM, co-I**

Li H (PI, contact), Schlaeger JM (co-I), Doorenbos AZ (co-I), Sun J (co-I), Xia Y (co-I)

A Multi-Omics Study of the Effect and Mechanisms of Acupuncture on Psychoneurological Symptoms Among Breast Cancer Survivors. Funded 04/11/23.

2023-2026 University of California Davis School of Nursing-

Betty Irene Moore Fellowship for Nurse Leaders and Innovators

\$500,000

Role: **Schlaeger JM, Mentor**

Knisely, Mitchell (PI), Schlaeger JM (Mentor) *Community Acupuncture to Treat Chronic Pain in Rural North Carolina*. Funded 03/23/23.

2022-2025 R34 AT012084

(co-I; 13% Academic Year/13% Summer Support)

\$719,550

NIH/NCCIH Role: **Schlaeger JM, co-I**

Li H (PI, contact), Schlaeger JM (co-I), Doorenbos AZ (co-I), Patil CL (co-I). *Implementing Acupuncture into A Federally Qualified Health Center for Multiple Symptoms among Breast Cancer Survivors Receiving Endocrine Therapy*. Funded 8/24/22.

2020-2025 UG3/UH3 AT011265 (MPI; 20% Academic Year/20% Summer Support)

NIH/NCCIH/HEAL INITIATIVE Role: **Schlaeger JM, MPI**

\$7,158,409

Doorenbos AZ (MPI, contact), Ezenwa MO (MPI), Molokie RE (MPI), Schlaeger JM (MPI), Shah NR (MPI), Patil CL (co-I), Steffen AD (co-I), Wilkie DJ (co-I, UF), Mandernach MW (co-I), Knisely MR (co-I, Duke). *Hybrid Effectiveness-Implementation Trial of Guided Relaxation and Acupuncture for Chronic Sickle Cell Disease Pain*.

2017-2022 R01 HD091210 (PI contact; 30% academic year/50% summer support)

NIH/NICHD Role: **Schlaeger JM, PI**

\$2,036,320

Wilkie DJ (co-I), Steffen AD (co-I), Kobak WH (co-I).

Double-blind Phase 2 RCT: Effect of Acupuncture on Patient Vulvodynia Outcomes

2021-2023 F31 NR019529-01A1

NIH/NINR Role: **Schlaeger JM, Sponsor**

\$204,150

Glazer JE (PI, contact), Schlaeger JM (Sponsor), McFarlin BL (co-Sponsor), Kobak WH (co-Sponsor), Bray BC (co-Sponsor). *Characterization of Vulvodynia and Ehlers-Danlos Syndrome (EDS) Pain in Women*.

Ehlers-Danlos Society Microgrant
Schlaeger JM, Sponsor \$5,000
 2021 Glayzer JE (PI Contact), Schlaeger JM (Sponsor), McFarlin BL (Co-Sponsor), Castori M (Co-Sponsor), Kobak WH (Co-Sponsor), Bray BC (Co-Sponsor). Characterization of Vulvodynia and Ehlers-Danlos Syndromes/Hypermobility Spectrum Disorders Pain in Females. Funded 6/18/21.2021-2023 UL1 TR001866

Heilbrunn Nurse Scholar Award, Rockefeller University: Schlaeger JM, Sponsor
Schlaeger JM, Sponsor \$18,891
 Glayzer JE (PI, contact), Schlaeger JM (Sponsor), McFarlin BL (co-Sponsor), Kobak WH (co-Sponsor), Bray BC (co-Sponsor). *Characterization of Vulvodynia and Ehlers-Danlos Syndromes/Hypermobility Spectrum Disorders Pain in Females*. Funded 4/12/21.

2020-2021 NCE R01 HD089935S-1 Administrative Supplement (co-I; 3% Academic year/ 3% Summer Support)
 NIH/NICHD Role: **Schlaeger JM, co-I** \$253,416
 McFarlin BL (MPI), Yeo W-H (MPI), Matthews A, Schlaeger JM (co-I)
Postpartum Maternal Morbidity and Mortality Prevention: Intensive Risk Assessment, Education and Monitoring.

2020-2023 F31 1NR13059412-01
 NIH/NINR Role: **Schlaeger JM, co-Sponsor** \$217,006
 Villegas-Downs M (PI, contact), McFarlin BL (Sponsor), O'Brien WD (co-Sponsor), Schlaeger JM (co-Sponsor), Simpson D (co-Sponsor), Han A (co-Sponsor) *Cervical Remodeling in the Postpartum Period*. Funded 4/01/2020.

International

2021-2025 21H02832 Japan Society for the Promotion of Science
 (Japanese NIH Equivalent) **Role: Schlaeger JM, Consultant** ¥16,380,000
 Grants-in-Aid for Scientific Research (B) (\$149,391)
 Takakura N (PI contact), Takayama M (co-I), Yajima H (co-I), Schlaeger JM (Consultant), Kaptchuk TJ (Consultant), Kong J (Consultant), Tsuruno M (Consultant).
Double-blind Efficacy Randomized Controlled Pilot Study of Acupuncture for Post-stroke Spasticity

2019-2023 19K0123319. Japan Society for the Promotion of Science
 (Japanese NIH Equivalent) ¥5,000,000
 Grants-in-Aid for Scientific Research (KAKENHI) Program, Grants-in-Aid for Scientific Research (C) (\$45,000)
 Role: **Schlaeger JM, Consultant**
 Takanashi T (PI contact), Takayama M (co-I), Yajima H (co-I), Schlaeger JM (Consultant), Patil CL (Consultant), Takakura N (co-I).
Reinvestigation of Katakori (Neck/Shoulder Stiffness) in Japan: Comparing It with Neck Pain in the US. Submitted 11/05/2018.

COMPLETED GRANTS AND SELF-FUNDED STUDIES

2022-2023 University of Illinois Cancer Center, CPC Mini Grant
 Role: **Schlaeger JM, co-I** \$1,960
 Li H (PI, contact), Doorenbos AZ (co-I), **Schlaeger JM (co-I)**.
 Using metabolomics to reveal the mechanisms of acupuncture. Funded 12/13/21.

2018-2021 NCE **R21** NR017705
NIH/NINR Role: **Schlaeger JM, contact PI** \$439,725
Schlaeger JM (MPI), DeVon HA (MPI), Steffen AD (co-I), Schroff A (co-I).
Feasibility Testing of a Randomized Controlled Trial of Acupuncture to Improve Symptoms for Stable Angina (AIMS-A).

2021 University of Illinois Chicago College of Nursing, Investigator-funded.
Role: **Schlaeger JM, co-I**
Li H (PI), Doorenbos AZ (co-I), Schlaeger JM (co-I). *Acupuncture for Psychoneurological Symptoms Among Breast Cancer Survivors: A Feasibility Study.*

2020 University of Illinois Chicago College of Nursing, Self-Funded. **Schlaeger JM, PI**; Doorenbos AZ (co-I), Patil CL (co-I), Steffen AD (co-I), Molokie RE (co-I), Li H (co-I). *Acupuncture for Adults with Sickle Cell Disease: A Feasibility Study.*

2016-2018 University of Illinois Chicago College of Nursing Internal Research Support Program (IRSP) **Schlaeger JM, co-PI**; 50% \$20,000
DeVon HA (co-PI)
Feasibility Testing of a Randomized Controlled Trial of Acupuncture to Improve Symptoms for Women with Stable Angina (AIMS-A)

2016-2017 University of Illinois Chicago Campus Research Board, Office of the Vice-Chancellor for Research. **Schlaeger JM, PI**; 100% \$10,000
Wilkie DJ (co-I), Hughes TL (co-I), Steffen AD (co-I)
Characteristics of Vulvodynia Pain: A Nationwide On-line Survey Pilot Study

2015-2017 University of Illinois Chicago Center for Research on Women and Gender **Schlaeger JM, PI**; 100% and 6 months protected time \$50,000
Building Interdisciplinary Research through Careers in Women's Health (BIRCWH) Associate

2015-2016 University of Illinois Chicago College of Nursing Internal Research Support Program (IRSP) **Schlaeger JM, PI**; 100% \$10,000
Wilkie DJ (co-I), Steffen AD (co-I), Takakura N (consultant)
Acupuncture for Vulvodynia: A Double-blinded Feasibility Pre-Pilot Study

GRANTS IN REVIEW

2024-2027

NIH/NCCIH Role: **Schlaeger JM, MPI**
DeVon H (MPI, contact), **Schlaeger JM (MPI)**, Briller JE (co-I), Horwich T (co-I), \$1,678,950
Honda HM (co-I),
Ajijola O (co-I), Brecht ML (co-I). *A Multi-Site Feasibility Study of Acupuncture for Stable Angina.*
Submitted 10/6/2023.

2024-2029 U24

(MPI; 10% Academic Year/10% Summer Support) Chumpitazi C (MPI, contact), \$4,999,813
NIH/NCCIH Role: **Schlaeger JM, MPI**
Chumpitazi C (MPI, contact), **Schlaeger JM (MPI)**, Shah N (MPI), Brandow A (MPI), Stucky C (co-I),
Knisely M (co-I). *PAIN-SCAPE: Pain Assessment and interdisciplinary Network for Sickle Cell Disease – Scientific Collaboration, Analysis, and Predictive Endeavors.* Submitted 10/1/2023.

GRANTS SUBMITTED (Not Funded)

Intramural

2022-2023

University of Illinois Cancer Center Pilot Project. **Role: Schlaeger JM co-I** \$50,000
Li H (MPI, contact), Sun J (MPI), Doorenbos AZ (co-I), Schlaeger JM (co-I), Xia Y (co-I). *Effect of Acupuncture on the Psychoneurological Symptom Cluster, Gut Microbiome, and Metabolome in Underserved Breast Cancer Survivors*. Submitted 03/21/2022.

2022-2025 UIC CCTS Pilot Grant

Role: Schlaeger JM, co-I \$60,000
Li H (PI, contact), Doorenbos AZ (co-I), **Schlaeger JM (co-I)**, Patil CL (co-I). *Feasibility of Implementing Acupuncture in a Federally Qualified Health Center to Alleviate Multiple Symptoms Among Breast Cancer Survivors Receiving Endocrine Therapy*. Submitted 11/22/21.

Extramural

2023-2025 Department of Defense Grant 13733900

Role: Schlaeger JM, Consultant \$1,333,054
Yoon S (PI, contact), Wilkie DJ (co-I), Yao Y (co-I), Jones D (co-I), Schlaeger JM (Consultant), Molokie RE (Consultant).
Novel Hybrid Intervention for Pain Mitigation in Lung Cancer: Mobile Health Technology with Acupuncture. Submitted 10/12/22.

2023-2027 R01 CA274435-01

NIH/NCI Role: **Schlaeger JM, Consultant** \$1,819,485
Yoon S (PI, contact), Wilkie DJ (co-I), George T (co-I), Yao Y (co-I), Grundmann O (co-I), Leeuwenburgh C (co-I), Schlaeger J (co-I)
EQoL-MAGIC: Enhancing Quality of Life by Mitigating Cachexia-Related Symptoms through Mechanism-based Acupuncture in Patients with Gastrointestinal Cancers. Submitted 11/7/22.

2023-2024 Florida Health Bankhead-Coley Cancer Research Program

Role: Schlaeger JM, Consultant \$1,499,867
Yoon S (PI, contact), Wilkie DJ (co-I), Yao Y (co-I), Jones D (co-I), Schlaeger JM (Consultant)
Pain Disparities in Patients with Lung Cancer: Pragmatic Pilot Study of Intervention using Mobile Health Technology with Acupuncture. Submitted 8/10/22.

2022-2023 UG3/UH3 AT011265S

NIH/NCCIH/HEAL INITIATIVE Role: **Schlaeger JM, MPI**
Li H (PI), Doorenbos AZ (co-I), **Schlaeger JM (co-I)**, Sun J (co-I), Xia Y (co-I). \$100,000
Effect of Acupuncture on the Metabolomes and Microbiome among Adults with Chronic Sickle Cell Disease Pain. Submitted 6/1/22.

2023-2025 R21 CA277153-01

(co-I; 5% Academic Year/5% Summer Support) \$439,725
NIH/NCI Role: **Schlaeger JM, co-I**
Li H (PI, contact), Schlaeger JM (co-I), Doorenbos AZ (co-I), Sun J (co-I), Xia Y (co-I). *A Multi-Omics Study of the Effect and Mechanisms of Acupuncture on Psychoneurological Symptoms Among Breast Cancer Survivors*. Submitted 2/21/22. **Score 28/11th%**.

2022-2026 R01 NR020376-01

(MPI; 30% Academic Year/50% Summer Support) \$3,110,352
NIH/NINR Role: **Schlaeger JM, MPI**
DeVon HA (MPI, contact), Schlaeger JM (MPI), Briller JE (co-I). *Effects of Acupuncture on Symptoms*

of Stable Angina: A Randomized Controlled Trial. Submitted 06/03/2021. Score:40

2021-2023

Oncology Nursing Foundation, General Research Grant (RE03)

Role: **Schlaeger JM, co-I** \$50,000

Li H (PI, contact), Doorenbos AZ (co-I), Schlaeger JM (co-I), Patil CL (co-I). A Culturally Sensitive Acupuncture Intervention to Reduce Psychoneurological Symptoms Among African American Breast Cancer Survivors: A Mixed Method Feasibility Study. Submitted 06/07/2021.

2021-2025 R01 NR020012

(MPI; 30% Academic Year/50% Summer Support)

\$3,077,931

NIH/NINR Role: **Schlaeger JM, MPI**

DeVon HA (MPI, contact), Schlaeger JM (MPI), Briller JE (co-I), *A Randomized Controlled Trial of Acupuncture to Improve Symptoms for Angina (AIM-A)*. Submitted 9/25/20. Not discussed.

2021-2025 K99/R00 NR019586

NIH/NINR Role: **Schlaeger JM, Co-Mentor**

\$939,650

Li H (PI, contact), Doorenbos AZ (Mentor), Schlaeger JM (co-Mentor), Wainwright D (co-Mentor), Maienschein-Cline M (Co-Mentor). *A Metabolomics Approach to Understanding Psychoneurological Symptoms and the Effect of Acupuncture Among Cancer Survivors*. Submitted 11/12/2020. Score 31.

2020-2024 K99/R00 NR019586

NIH/NINR Role: **Schlaeger JM, Co-Mentor**

\$936,238

Li H (PI, contact), Doorenbos AZ (Mentor), Schlaeger JM (co-Mentor), Wainwright D (co-Mentor), Maienschein-Cline M (co-Mentor). *A Metabolomics Approach to Understanding Psychoneurological Symptoms and the Effect of Acupuncture Among Cancer Survivors*. Submitted 2/6/2020. Score: 51.

2020-2025 R01 MD015119-01

NIH/NIMHD Role: **Schlaeger JM, MPI**

\$3,977,651

Doorenbos AZ (MPI, contact), Schlaeger JM (MPI), Molokie RE (MPI), Patil CL (co-I), Steffen AD (co-I).

Hybrid Effectiveness-Implementation Trial of Meditation and Acupuncture for Chronic Sickle Cell Disease Pain. Submitted 6/10/2019. Not discussed.

2019-2024

NIH/NIDDK Role: **Schlaeger JM, co-I**

\$4,300,000

Fisher M (MPI, contact), Doorenbos AZ (MPI), Lash J (co-I), Watson D (co-I), Steffen AD (co-I), *Heal Initiative*.

Integrated Approach to Pain and Opioid Use in Hemodialysis Patients:

The Hemodialysis Opioid Prescription Effort (HOPE) Consortium- Clinical Centers. U01DK123787-01.

2019-2022 Japan Society for the Promotion of Science (Japanese NIH Equivalent),

¥5,000,000

Grants-in-Aid for Scientific Research (KAKENHI) Program, Grants-in-Aid for

(\$45,000)

Scientific Research (C) Role: **Schlaeger JM, Consultant,**

Takayama M (PI contact), Yajima H (co-I), Takanashi T (co-I),

Schlaeger JM (Consultant), Kaptchuk TJ, (Consultant), Kong J (Consultant),

Takakura N (co-I). *Building of Evidence for Utilization of Placebo Effects: Acupuncture Clinical Trial Using Double-blind Needles*.

Submitted 11/05/2018. Not discussed.

2018-2023 NIH/NHLB Role: co-I

\$3,913,329

Wilkie DJ (MPI, contact), Molokie RE (MPI), Yao Y (co-I), Ezenwa MO (co-I), Duckworth L (co-I),

Schlaeger JM (co-I), Han J (co-I), Gowhari M (co-I), & Mandernach M (co-I)
CaMKIIa Inhibitor for Chronic Pain: Toward Repeated Dose Safety and Efficacy in Adults with Sickle Cell Disease on Opioids.
 Submitted 7/5/2018, Not discussed.

2017-2022 NIH/NICHD Role: PI contact \$3,623,917
 Wilkie DJ (co-I), Steffen AD (co-I), Kobak WH (co-I), Kong J (co-I),
 Zhou XJ (co-I), Vangel MG (co-I)
Effects of a Double-blind Phase 2 Acupuncture RCT on Patient Vulvodynia Outcomes
 Submitted 6/1/2017, R01HD094863. Not discussed.

2017-2022 NIH/NHLB Role: co-I \$2,338,849
 Wilkie DJ (MPI, contact), Molokie RE (MPI), Wang ZJ (co-I), Yao Y (co-I),
 Ezenwa MO (co-I), Duckworth L (co-I), **Schlaeger JM (co-I)**, Gowhari M (co-I), & Mandernach M (co-I).
CaMKIIa Inhibitor for Chronic Pain: Toward Repeated Dose Safety and Efficacy in Adults with Sickle Cell Disease on Opioids Submitted 6/5/2017, 1R01DA045694-01. Not discussed.

2017-2019 NIH/NINR Role: co-I \$439,725
 DeVon HA (PI contact), **Schlaeger JM (co-I)**, Schroff A (co-I), Hoppensteadt D (co-I). *Feasibility Testing of a Randomized Controlled Trial of Acupuncture to Improve Symptoms for Stable Angina (AIMS-A)*. Submitted 6/12/2017, R21NR017705-01. Score 35.

2016-2017 University of Illinois Chicago Midwest Roybal Center for Health Promotion and Translation Role: **Schlaeger JM (PI contact)** \$40,000
 Wilkie DJ (co-I), Maki PM (co-I), Steffen AD (co-I). *Characteristics of Vulvodynia in Menopause: A Survey Pilot Study*. Submitted 10/20/2016.

2016-2021 NIH/NICHD Role: PI contact \$1,865,162
 Wilkie DJ (co-I), Steffen AD (co-I), Kobak WH (co-I). *Double-blind Phase 2 RCT: Effect of Acupuncture on Patient Vulvodynia Outcomes*. Submitted 6/02/2016, R01HD091210-01. Score 43, 35th percentile

2015-2017 NIH/NICHD Role: PI, contact \$447,115
 Wilkie DJ (co-I), Steffen AD (co-I), Kobak WH (co-I). *Acupuncture for Vulvodynia: A RCT Double-blinded Efficacy Pilot Study*. Resubmitted 11/10/2015, R21 HD086825-01A1. Score 38, 36th percentile.

2015-2017 Role: PI, contact \$447,115
 Wilkie DJ (co-I), Steffen AD (co-I). *Acupuncture for Vulvodynia: A RCT Double-blinded Efficacy Pilot Study*. Submitted 2/17/2015, R21AT009001-01. Score 46, 51st percentile.

2015-2016 University of Illinois Chicago College of Nursing IRSP Role: PI, contact \$10,000
 Wilkie DJ (co-I), Park CG (co-I). *Double-blinded Acupuncture Needles: A Feasibility Study*. Submitted 1/6/2015.

SCHOLARSHIPS AWARDED TO MENTEES

Sigma Theta Tau Alpha Lambda Chapter
Schlaeger JM (Clinical Mentor) \$600
 2023 McKenzie D (PI contact), Handrup C (Faculty Mentor), **Schlaeger JM (Clinical Mentor)**.
 Time to Work Together to Heal Ourselves and Each Other: The Benefits of the NADA Protocol in Behavioral and Mental Health Care. Sigma Theta Tau Alpha Lambda Chapter Research Fund, Funded 2/27/23; \$600.00 awarded.

Sigma Theta Tau Alpha Lambda Chapter
Schlaeger JM (Committee member) \$1500

2023 Onyiaapat E (PI contact), Culbert G (Dissertation Chair), **Schlaeger JM** (Committee member), Crooks N (Committee member), Matthews A (Committee Member). Exploring Training Needs of Nigerian Traditional Birth Attendants in Prevention of Mother-to-Child Transmission of HIV. Sigma Theta Tau Alpha Lambda Chapter Research Fund. Funded 2/26/23; \$1500. Awarded. UIC College of Nursing DNP Student Research Award.

2022-2026 **Sullivan, Katy**. Dean's PhD Student Scholarship, 4 years tuition in Fall and Spring.

Sigma Theta Tau Alpha Lambda Chapter

Schlaeger JM (Sponsor) \$1000

2021 Glayzer JE (PI Contact), Schlaeger JM (Sponsor), McFarlin BL (Co-Sponsor), Kobak WH (Co-Sponsor), Bray BC (Co-Sponsor). Characterization of Vulvodynia and Ehlers-Danlos Syndromes/Hypermobility Spectrum Disorders Pain in Females, Sigma Theta Tau Alpha Lambda Chapter Research Fund, Funded 2/22/21; \$1,000 awarded
UIC College of Nursing PhD Student Research Award.

University of Illinois Chicago College of Nursing PhD Student Research Award

Schlaeger, JM (Sponsor) \$1000

2021 Glayzer JE (PI Contact), Schlaeger JM (Sponsor), McFarlin BL (Co-Sponsor), Kobak WH (Co-Sponsor), Bray BC (Co-Sponsor). Characterization of Vulvodynia and Ehlers-Danlos Syndromes/Hypermobility Spectrum Disorders (EDS) Pain in Females Funded 1/20/21.

PUBLICATIONS

*refereed publications, +data-based publications, senior author

Journal Articles

*Fink A, Martha SR, Calik MW, Lockwood MB, Quinn L, Vanderzwan KJ, Fritschi C, Schwind J, **Schlaeger JM**, Vuckovic KM. Understanding the Autonomic Nervous System: A How-To Guide for Designing Engaging Pathophysiology and Pharmacology Courses for Nursing Students. *Nursing Forum*, vol. 2023, September 15, 2023. <https://doi.org/10.1155/2023/2397564>.

*+Boyd AD, Gonzalez-Guarda R, Lawrence K, Patil, CL, Ezenwa MO, O'Brien EC, Paek H, Braciszewski JM, Adeyemi O, Cuthel AM, Darby JE, Zigler CK, Ho M, Faurot KR, Staman K, Leigh JW, Dailey DL, Cheville A, Del Fiol G, Knisely MR, Marsolo K, Richesson RL, **Schlaeger JM**. The role of electronic health record data integrity in addressing health inequities: reflections from the National Institutes of Health Pragmatic Trials Collaboratory. *JAMIA*. Published online June 26, 2023. <https://doi.org/10.1093/jamia/ocad115>.

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*+**Schlaeger JM**, Patil CL, Suarez ML, Pauls HA, Steffen AD, Roach KL, Hughes TL, Wilkie DJ. Vulvodynia, “a really great torturer”: a pilot study to examine pain intensity and high-risk pain relief strategies. *J Pain*. 2018;19(3):S107. Proceedings of the 37th Annual American Pain Society Meeting; March 4-6, 2018; Anaheim, California. Abstract S107. <https://doi.org/10.1016/j.jpain.2017.12.254>.

*+Roach KL, Molokie RE, Wang ZJ, Ezenwa MO, Shuey DA, Carrasco J, Angulo VA, **Schlaeger JM**, Suarez ML, Yao Y, Wilkie DJ. Validation of Painreportit neuropathic pain scale in African American adults with sickle cell disease. *Blood*. 2016;128:22:3525. Proceedings of the 58th American Society of Hematology Annual Meeting; December 3-6, 2016; San Diego, California. Abstract 3525. <https://doi.org/10.1182/blood.V128.22.3525.3525>.

*+**Schlaeger JM**, Nenggui X, Steffen AD, Lin W, Wilkie DJ. A hot/cold, old/new model for vulvodynia: an exploratory study using eastern and western traditions. *J Pain*. 2016;17(4):S112. Proceedings of the 35th Annual Scientific Meeting of the American Pain Society; May 11-14, 2016; Austin, Texas. Abstract S112. <https://doi.org/10.1016/j.jpain.2016.01.460>.

*+**Schlaeger JM**, Xu N, Mejta CL, Wilkie DJ. Acupuncture for the Treatment of Vulvodynia. *J Midwifery Women’s Health*. 2015;59(5):551. Proceedings of the 59th Annual Meeting and Exhibition of the American College of Nurse-Midwives; May 13-17, 2014; Denver, Colorado. Abstract 551. <https://doi.org/10.1111/jmwh.12241>.

Abstracts Accepted, Conferences Canceled Due to COVID

*+**Schlaeger JM**, Powell-Roach KL, Dyal BW, Suarez ML, Ezenwa MO, Yao Y, Wang ZJ, Molokie RE, Wilkie DJ. Are age, BMI, pain, PRIT, and pain pattern associated with sensitization in outpatient adults with sickle cell disease? Accepted to the 2020 International Association for the Study of Pain World Congress (postponed to June 2021).

*+Glazer JE, Suarez ML, Meinel MC, Kobak WH, **Schlaeger JM**. The etiology of dyspareunia in women with Ehlers-Danlos syndrome: an online survey. Accepted to the 2020 International Association for the Study of Pain World Congress (postponed to June 2021).

BOOK CHAPTER

Schlaeger JM & Alappattu MJ. Complementary and alternative health approaches for the treatment of vulvodynia. In: Goldstein AT, Pukall CF, Goldstein I, Krapf JM, Goldstein SW, Goldstein G, eds. *Female sexual pain disorders: evaluation and management*. 2nd ed. 2020:209-218.

NEWSLETTERS

Glazer JE, Li H, **Schlaeger, JM**. Optimizing your research with the right study design. *The Illinois Acupuncturist*. Fall 2020.

INVITED ABSTRACT PRESENTATION in Virtual Booklet of Meeting Material to NIH/Eunice Shriver NICHD

McFarlin BL, Peters T, Matthews J, Villegas-Downs M, Matthews A, **Schlaeger JM**, O'Brien, WD Jr, Han A, Yeo W. Remote postpartum intensive risk identification, education and physiological monitoring of black women to prevent maternal morbidity and mortality. Virtual booklet of meeting material at: Implementing a maternal health and pregnancy outcomes vision for everyone (IMPROVE) Awardee Workshop. March 9, 2023.

INVITED SYMPOSIUM PRESENTED WITH NIH PROJECT OFFICERS ON BEHALF OF THE NIH HEAL INITIATIVE PRISM AND PRAGMATIC TRIALS COLLABORATORIES

Sherman K, Morone N, **Schlaeger JM**, Mudd L, Weber W. Alternatives to opioids for chronic pain: Challenges and opportunities for the PRISM [NIH HEAL Initiative] pragmatic trials of Complementary Integrative Health. Symposium at: 2022 International Congress on Integrative Medicine and Health; May 25, 2022; Phoenix, Arizona.

INVITED PRESENTER/PANELIST TO NIH/NHLBI

- 2022 **Schlaeger JM**. Acupuncture and other non-pharmacologic modalities for sickle cell disease pain. NHLBI Annual Sickle Cell Disease Virtual Meeting; August 8-10.
- 2022 Patil CL, DeMartelly VA, Rivera E, Abdulkadir A, Boyd AD, Doorenbos AZ, Ezenwa MO, Li H, Madernach MW, Molokie RE, **Schlaeger JM**, Shah N, Knisely M. Patient perspectives on acceptability of guided relaxation and acupuncture for chronic sickle cell disease pain. Panelist at: virtual poster presentation at: 3rd Annual HEAL Investigators Meeting; April 11-12.
- 2021 **Schlaeger JM**. Optimizing therapies for pain relief in individuals with sickle cell disease (SCD). Virtual podium presentation and panelist at: NIH NHLBI Workshop on Sickle Cell Disease. Managing Chronic Sickle Cell Disease pain with nonpharmacologic approaches; July 21-22, 2021.
- 2021 **Schlaeger JM**. Meeting participants where they are: outreach, trust and consent to maximize diversity. Podium presentation at: Inclusion of Diverse Participants in Pragmatic Clinical Trials. A Grand Rounds Workshop Series, NIH HEAL Initiative, PRISM Collaboratory; June 25, 2021.
- 2021 **Schlaeger JM**, Patil CL, Boyd A, Burke LA, DeMartelly T, Ezenwa, MO, Gu CG, Knisely Madernach M, Shaw N, Steffen AD, Wilkie DJ, Molokie RE, and Doorenbos AZ. Hybrid effectiveness-implementation trial of guided relaxation and acupuncture for chronic sickle cell disease pain (GRACE): UG3 year. Virtual poster presentation at: Second Annual NIH HEAL Initiative Investigators Meeting; May 21, 2021.

SERVICE

Service to NIH

- 2023 **NIH NCCIH Scientific Advisory Council**
By invitation from Dr. Helene Langevin, Director of NCCIH. August.
- 2023 **NIH Scientific Review Service**
HEAL Initiative, NCCIH in reviewing UG3/UH3s: Prevention and Management of Chronic Pain in Rural Populations (UG3/UH3, Clinical Trials Required) -**ZAT1 SN(09)**
March 15.

HEAL Initiative, NCCIH in reviewing UG3/UH3s: Pragmatic and Implementation Studies for the Management of Sickle Cell Disease Pain and Sickle Cell Disease Pain Management Trials Utilizing the Pain Management Effectiveness Research Network\ Cooperative Agreement- **ZAT1 SN(10)** March 15.

- 2022 **NIH Scientific Review Service**
HEAL Initiative, NCCIH in reviewing R61/R33s: Developing Quantitative Imaging and Other Relevant Biomarkers of Myofascial Tissues for Clinical Pain Management- **ZAT1SH (06) R** May 19 and 20.
- 2021- **NIH HEAL Initiative Data Ecosystem Research Plan Steward Group** Invited Member
- 2021- **C3PC (NIH Collaboratory Products, Publications, and Presentations Committee)** Invited Member
- 2021- **NIH HEAL Initiative Collaboratory Electronic Health Record Core Working Group** Invited Member
- 2020- **NIH HEAL Initiative Collaboratory Steering Committee** Invited Member
The mission of the Collaboratory is to strengthen the national capacity to implement cost effective large-scale research studies that engage healthcare delivery organizations as research partners.
- 2020- **NIH HEAL Initiative Collaboratory Ethics and Regulatory Core Working Group** Invited Member
- 2019 **NIH Scientific Review Service**
National Institutes of Health, Special Emphasis Panel (SEP) in reviewing R01 applications that respond to U.S.-China Program for Biomedical Collaborative Research, **2019/10 ZRG1 OBT-M (50) R** (RFA-CA-19-009), ad hoc member. June.

External Reviewer for Promotion and Tenure

2022 The Ohio State University

Scientific Review Service

2017 Sigma Theta Tau; International Honor Society of Nursing, Alpha Lambda Chapter, Grant Reviewer

Service to Professional Organizations

- 2022- **Invited Consultant** to the Illinois Joint Task Force with the Illinois Society of Acupuncturists and the Illinois Department of Human Services on Medicaid Reimbursement for Acupuncture
- 2021- American Society of Acupuncturists, Board of Research, **Invited Member**
- 2020- American Academy of Nursing, Expert Panel on Women's Health, Member
- 2017- American College of Nurse Midwives
-Member, Research Dissemination Committee, Division on Research (2017-)
-Reviewer, Research Dissemination Committee, Annual Meeting Poster and Podium Presentations, Division on Research (2018-2022)

- 2015- Midwest Nursing Research Society
 -Reviewer, 2022 Guaranteed Symposium Planning Committee (2021)
 -Member, 2020 Guaranteed Symposium Planning Committee (2019)
 -Reviewer, Symptom Science RIG Awards (2019-2021)
 -Chair and Reviewer, Symptom Science RIG Awards (2016-2017)
 -Chair, Symptom Science Research Interest Group (2017-2018)
 -Chair, Pain and Symptom Management RIG (2016-2017)
 -Chair and Reviewer, Abstract submissions, Symptom Science RIG (2017)
 -Chair and Reviewer, Abstract submissions, Guaranteed Symposium (2016)
 -Chair and Reviewer, 2016 Pain and Symptom Management RIG Awards (2015)
 -Chair-elect, Pain and Symptom Management RIG (2015-2016)
- 2007-2013 Illinois Association of Acupuncture and Oriental Medicine
 -Treasurer (2009-2013)
 -Executive Board Member (2009-2013)
 -Chair, Membership Committee (2008-2011)
 -Member of the Board at Large (2007-2009)

Peer Reviewed Journal Editorial Service

- 2023 Reviewer, *Clinical Experimental Obstetrics and Gynecology*: 3/2/23, 4/19/23
- 2022 Reviewer, *Journal of Integrative and Complementary Medicine*: 8/7/22, 11/12/22
- 2022 Reviewer, *Annals of Medicine*: 2/14/22, 4/21/22, 7/11/22
- 2021- Reviewer, *Acupuncture in Medicine*: 10/23/21, 1/4/22, 1/19/22, 1/3/23
- 2018- Reviewer, *Journal of Pain Research*: 5/23/21, 12/20/21
- 2020- Reviewer, *Scientific Reports*: 9/24/21
- 2020- Reviewer, *Journal of Pain*: 11/26/21, 2/28/22, 3/7/22, 6/26/22, 11/15/22, 5/31/23
- 2020- Reviewer, *Journal of Sexual Medicine*: 5/28/21, 8/12/21, 9/24/21
- 2020 Reviewer, *Medicine*
- 2019 Reviewer, *Journal of Sex and Marital Therapy*
- 2019 Reviewer, *Journal of the Lower Genital Tract Disease*
- 2016- Reviewer, *Western Journal of Nursing Research*
- 2015- Reviewer, *Journal of Midwifery and Women's Health*
- 2015 Reviewer, *Journal of Acupuncture and Meridian Studies*
- 2015 Reviewer, *BMC Neuroscience*
- 2014 Reviewer, Book Chapter- *Midwifery/Women's Health Nurse Practitioner Certification Review Guide*, third edition. Health Leadership Associates.

Service to the University of Illinois Chicago

- 2020- UIC Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Advisory Board, member
- 2019-2025 UIC Faculty Senator
- 2019- UI Health Mile Square Health Center Research Council, member

Service to the University of Illinois Chicago College of Nursing

- 2022 College of Nursing Mock Review, K99/R00. Li Ting Huang, PhD. June 13, 2022.
- 2022 College of Nursing Mock Review, K99/R00. Dahee Wi, PhD. December 2022.
- 2022 College of Nursing Faculty Mentorship Program Brown Bag Presenter "Effective Mentorship Practices" April 7, 2022.
- 2020-2021 Harriet H. Werley Endowed Chair Search Ad Hoc Search Committee, member.
- 2019 College of Nursing Mock Review, K99/R00. Hongjin Li, PhD. December 10, 2019.
- 2019 Department of Biobehavioral Health, Ad Hoc Department Head Search Committee, member.
- 2018-2020 Faculty Executive Committee, member.
- 2016-2017 APT Committee, member.

Service to the University of Illinois Chicago College of Nursing Department of Human Development Nursing Science

- 2021- Department of Human Development Nursing Science, Ad hoc Tenure Track Search Committee.
- 2020- Department of Human Development Nursing Science, Advisory and Search Committee, member.
- 2021- Department of Human Development Nursing Science, Appointment, Promotion, and Tenure Committee, member.

Service to the Sickle Cell Disease Community

National Invited Presentation

- 2021 Schlaeger, JM. Community conversation: let's talk about pain, insomnia, and fatigue. Paneldiscussion. Sickle Cell Consortium 8th Annual Warriors Virtual Convention. August 26.

Peer-Reviewed Poster and Paper Presentations

Abstract Submitted

Schlaeger JM, deMartelly V, Burke L, Li H, Knisely MR, Doorenbos AZ, Darby JE, Steffen AD, Ezenwa MO, Molokie RE, Shah N, Wilkie DJ, Leigh J, Boyd AD, Patil CL. (Submitted 6/24/23) Experiences with Guided Relaxation and Acupuncture to Inform Implementation: Hybrid Effectiveness-implementation Trial of Guided Relaxation and Acupuncture for Chronic Sickle Cell Disease Pain (GRACE). Midwest Nursing Research Society 48th Annual Research Conference, Minneapolis, February 28, 2024. For Competitive Symposium.

International

- 2022 Gehling GM, Yao Y, Roach KL, Suarez ML, **Schlaeger JM**, Ezenwa MO, Molokie RE, Wang ZJ, Wilkie DJ. Concordance of classification with two measures of neuropathic pain in adults with sickle cell disease. Poster presented at: International Association for the Study of Pain 2022 World Congress; September 19; Toronto, Canada.
- 2022 Knisely MR, **Schlaeger, JM**, DeMartelly R, Doorenbos AZ, Ezenwa MO, Molokie RE, Shah N, Wilkie DJ, Patil CL. Stakeholder perspectives on the implementation of acupuncture for chronic pain in sickle cell disease. Podium presentation at: American Society of Pain Management Nursing 32nd Annual Conference; September 16; Indian Wells, California.
- 2022 **Schlaeger JM**, Desloge AA, Glayzer JE, Suarez ML, Meinel MC, Steffen AD, Burke LA, Yao Y, Takayama M, Yajima H, Kaptchuk TJ, Takakura N, Foster DC, Wilkie DJ, Kobak WH, Patil CL. Women's experience of living with vulvodynia pain: why they participated in a randomized controlled trial of acupuncture. Poster presented at: International Association for the Study of Pain 2022 World Congress; September 19; Toronto, Canada.
- 2022 **Schlaeger JM**, Steffen AD, Glayzer JE, Yao Y, Suarez ML, Meinel MC, Takayama M, Yajima H, Takakura N, Foster DC, Wilkie DJ, Kobak WH. Association between vulvodynia type, high tone pelvic floor muscle dysfunction, and neuropathic pain. Poster presented at: International Association for the Study of Pain 2022 World Congress; September 19; Toronto, Canada.
- 2022 **Schlaeger JM**, Uwizeye G, Cai H-Y, Shroff AR, Briller JE, Ardati A, Hoppensteadt D, Roundtree L, DeVon HA. Feasibility and preliminary efficacy of acupuncture for angina in underrepresented diverse urban individuals: advancing health equity. Podium presentation at: 2022 International Congress on Integrative Medicine and Health; May 26; Phoenix, Arizona.
- 2022 DeVon HA, Uwizeye G, Briller JE, Shroff A, Ardati A, **Schlaeger JM**. East Meets west: acupuncture as a complementary therapy reduces pain in stable angina. Podium presentation at: Sigma 33rd International Nursing Research Conference; July 25; Edinburgh, Scotland.
- 2021 Wilkie DJ, Yao Y, Powell-Roach KL, Dyal BL, **Schlaeger JM**, Suarez ML, Ezenwa MO, Fillingim RB, Wang ZJ, Molokie RE. Trait sensitization but not state sensitization is associated with pain and depression among adults with sickle cell disease. Virtual poster presented at: International Association for the Study of Pain, 18th World Virtual Congress; June 9-18.
- 2021 **Schlaeger JM**, Powell-Roach KL, Dyal BW, Suarez ML, Ezenwa MO, Yao Y, Wang ZJ, Molokie RE, Wilkie DJ. Association of age, BMI, pain with sensitization? Virtual poster presented at: International Association for the Study of Pain, 18th World Virtual Congress; June 9-18.
- 2019 Glayzer JE, McFarlin BL, Suarez ML, Meinel MC, Kobak WH, **Schlaeger JM**. Dyspareunia & vulvodynia in women with Ehlers-Danlos syndrome: an online survey. Virtual paper presentation at: Ehlers-Danlos Society ECHO Virtual Summit; October 2.
- 2019 Hiramatsu Y, Takanashi T, Yajima H, Takayama M, Patil CL, **Schlaeger JM**, Takakura N. The usefulness of acupuncture to the esport athletes: current situations on game for health research in Japan. Virtual paper presentation at: DiGRA 2019: Game, Play and the Emerging Ludo-Mix; August 6; Kyoto, Japan.
- 2019 **Schlaeger JM**, Patil CL, Steffen AD, Pauls HA, Suarez ML, Roach KL, Hughes TL, Wilkie DJ. Non-drug pain relief strategies used by women with vulvodynia: a pilot study. Virtual poster presented at: 4th World Congress on Abdominal and Pelvic Pain; May 11-12; London, England.

- 2019 Dyal BW, Ezenwa MO, Yoon S-J, Fillingim RB, Yao Y, **Schlaeger JM**, Suarez ML, Wang ZJ, Molokie RE, Wilkie DJ. Sensory sensitization groups and pain quality descriptors in adults with sickle cell disease: toward discriminate validity of a pain screening tool. Virtual poster presented at: 7th International Congress on Neuropathic Pain; May 11-12; London, England.
- 2019 Hiramatsu Y, Takanashi T, Yajima H, Takayama M, Nobe R, Kawase A, **Schlaeger JM**, Takakura N. Complaints in e-sports athletes and introduction of acupuncture treatment into the field of e-sports. Virtual paper presentation at: 68th Annual Congress of the Japan Society of Acupuncture and Moxibustion; May; Aichi, Japan.
- 2019 Uchida Y, Yajima H, Takayama M, Nobe R, Hiramatsu Y, Nasu M, **Schlaeger JM**, Takakura N. Application of plantar fasciitis pain/disability scale to evaluate ankle pain with acupuncture treatment. Virtual paper presentation at: 68th Annual Congress of the Japan Society of Acupuncture and Moxibustion; May; Aichi, Japan.
- 2019 Hiramatsu Y, Takanashi T, Yajima H, Takayama M, Patil CL, **Schlaeger JM**, Takakura N. Electronic sports athlete's complaints and consideration of acupuncture: interview survey of pro-gamers. Virtual paper presentation at: 9th DiGRA JAPAN Annual Conference; March 3-4; Okayama, Japan.
- 2018 **Schlaeger JM**, Suarez ML, Pauls HA, Steffen AD, Glayzer JE, Roach KL, Hughes TL, Wilkie DJ. Online survey pilot study of vulvodynia pain characteristics. Poster presented at: International Pelvic Pain Society Annual Conference; October 18-21; Chicago, Illinois.
- 2018 **Schlaeger JM**, Patil CL, Steffen AD, Pauls HA, Suarez ML, Roach KL, Hughes TL, Wilkie DJ. Non-drug pain relief strategies used by women with vulvodynia: a pilot study. Poster presented at: International Association for the Study of Pain, 17th World Congress; September 12-16; Boston, Massachusetts.
- 2018 Roach KL, Yao Y, Suarez ML, Angulo VA, Shuey DA, Ezenwa MO, Rutherford JN, **Schlaeger JM**, Patil CL, Fillingim RB, Wang ZJ, Molokie RE, Wilkie DJ. Age differences in normative values of African American adults in Quantitative Sensory Testing (QST). Poster presented at: International Association for the Study of Pain, 17th World Congress; September 12-16; Boston, Massachusetts.
- 2016 **Schlaeger JM**, Takakura N, Yajima H, Takayama M, Steffen AD, Gabzdyl EM, Nisi RA, McGowan Gruber K, Bussell JM, Wilkie DJ. Double-blind acupuncture needles: a multi-needle, multi-session feasibility study. Poster presented at: International Association for the Study of Pain, 2016 World Congress; September 26-30; Yokohama, Japan.
- 2016 **Schlaeger JM**, Xu N, Mejta CL, Park CG, Wilkie DJ. The Treatment of vulvodynia with acupuncture. Paper presented at: Optimizing Healthcare Quality Conference; June 22-24; Chiang Mai, Thailand.
- 2014 **Schlaeger JM**, Xu N, Mejta CL, Park C, Wilkie DJ. Acupuncture for the treatment of vulvodynia: a randomized wait-list controlled pilot study. Poster presented at: International Pelvic Pain Society Annual Meeting; October 23-26; Chicago, Illinois.
- 2013 **Schlaeger, JM**, Xu N, Mejta CL. Acupuncture for the treatment of vulvodynia. Poster presented at: International Pelvic Pain Society Annual Meeting; October 17-20; Orlando, Florida.

National

- 2021 Devon HA, Uwizeye G, Cai H-Y, Ardati A, Briller JE, Shroff, A, Brecht M-L. **Schlaeger JM.** Advancing health equity by providing acupuncture for angina to underrepresented urban minority individuals. Poster presented at: American Academy of Nursing Health Policy Conference; October 7-9; Washington, DC.
- 2020 DeVon HA, Uwizeye G, Cai H-Y, Hoppensteadt D, Ardati A, Briller JE, Shroff AR, Steffen AD, **Schlaeger JM.** Feasibility of environmentally low-impact acupuncture for angina in an underserved community. Virtual poster presentation at: Council for the Advancement of Nursing Science Annual Meeting; September.
- 2018 **Schlaeger JM,** Patil CL, Suarez ML, Pauls HA, Steffen AD, Roach KL, Hughes TL, Wilkie DJ. Vulvodynia pain characteristics: an online survey pilot study. Poster presented at: American College of Nurse Midwives Annual Meeting; May 20-24; Savannah, Georgia.
- 2016 **Schlaeger JM,** Cai HY, Xu N, Steffen AD, Wang L, Wilkie DJ. Hot and cold marriage of western and traditional Chinese medicine in vulvodynia: exploration of RCT data. Poster presented at: American College of Nurse Midwives Annual Meeting; May 20-24; Savannah, Georgia.

Regional

- 2023 Gehling GM, Yao Y, Roach KL, Suarez ML, **Schlaeger JM,** Ezenwa MO, Molokie RE, Wang ZJ, Wilkie DJ. Classification agreement among S-LANSS and QST in adults with sickle cell disease. Poster presented at: Southern Nursing Research Society; March 1; Orlando, Florida.
- 2023 Glayzer JE, Bray BC, Kobak WH, Steffen AD, McFarlin BL, **Schlaeger JM.** Challenges and strategies recruiting women with EDS for evaluation of dyspareunia: an online survey. Poster presented at: Midwest Nursing Research Society 47th Annual Research Conference; March 30-April 1; Des Moines.
- 2022 **Schlaeger JM,** Steffen AD, Glayzer JE, Suarez ML, Meinel MC, Yao Y, Wilkie DJ, Kobak WH. Relationships between pelvic floor muscle dysfunction, type of vulvodynia, and neuropathic pain. Poster presented at: Midwest Nursing Research Society 46th Annual Research Conference; March 29-April 2; Schaumburg, Illinois.
- 2022 Glayzer JE, Telisnor G, Garg R, Kobak WH, Kiros, GE, Yao Y, Wilkie DJ, **Schlaeger JM.** Image-based documentation of vulvodynia pain location. Poster presented at: Midwest Nursing Research Society 46th Annual Research Conference; March 30-April 2.
- 2022 Gampetro PJ, Segvich JP, Hughes AM, Kanich C, **Schlaeger JM,** McFarlin BL. Associations between safety outcomes and communication practices among pediatric nurses in the United States. Poster presented at: Midwest Nursing Research Society 46th Annual Research Virtual Conference, Symptom Science RIG Competitive Symposium; March 30-April 2.
- 2021 Kilmer MS, Ricca PQ, **Schlaeger JM.** Optimizing sexual health assessment with expansive and inclusive language. Virtual podium presentation at: Midwest LGBTQ+ Health Symposium; September 29-30.

- 2021 **Schlaeger JM**, Uwizeye G, Cai H-Y, Shroff AR, Briller JE, Ardati A, Hoppensteadt D, Roundtree L, DeVon HA. Testing acupuncture for angina in a diverse sample: a feasibility, acceptability, and preliminary efficacy pilot study. Poster presentation at: Midwest Nursing Research Society 45th Annual Research Virtual Conference, Symptom Science RIG Competitive Symposium; March 26.
- 2021 Li Hongjin, Patil CL, Molokie RE, Franklin N, Steffen AD, Doorenbos AZ, **Schlaeger JM**. Acupuncture for chronic pain in adults with sickle cell disease: a mixed-methods pilot study. Poster presentation at: Midwest Nursing Research Society 45th Annual Research Virtual Conference, Symptom Science RIG Competitive Symposium; March 26.
- 2020 Glayzer JE, Suarez ML, Meinel MC, Kobak WH, **Schlaeger JM**. Dyspareunia in women with Ehlers-Danlos Syndrome: an online survey. Virtual poster presentation at: Midwest Nursing Research Society 44th Annual Research Conference; April 1-4.
- 2019 **Schlaeger JM**, Patil CL, Steffen AD, Pauls HA, Suarez ML, Roach KL, Hughes TL, Wilkie DJ. Women's use of non-drug pain relief strategies to manage their vulvodynia: an online survey pilot study. Poster presentation and discussion at: Midwest Nursing Research Society 43rd Annual Meeting; March 27-30; Kansas City, Missouri.
- 2019 Ezenwa MO, Yao Y, Molokie RE, Wang ZJ, **Schlaeger JM**, Suarez ML, Angulo VA, Roach KL, Shuey DA, Wilkie DJ. Poor quality of life in adults with sickle cell disease who have pain sensitization: time to take stock. Paper presented at: Southern Nursing Research Society; February 27-March 1; Orlando, Florida.
- 2019 Roach KL, Yao Y, Suarez ML, Angulo VA, Shuey DA, Ezenwa MO, Rutherford JN, **Schlaeger JM**, Patil CL, Fillingim RB, Wang ZJ, Molokie RE, Wilkie DJ. Reference values for quantitative sensory testing in healthy African American adults. Poster presented at: Southern Nursing Research Society; February 27-March 1; Orlando, Florida.
- 2018 **Schlaeger JM**, Patil CL, Suarez, ML, Pauls HA., Steffen AD, Roach KL, Hughes TL, Wilkie DJ. Vulvodynia pain intensity and high-risk pain relief strategies: a pilot study. Paper presented at: Midwest Nursing Research Society 42nd Annual Research Conference. April 12-15; Cleveland, Ohio.
- 2018 Roach KL, Molokie RE, Wang ZJ, Ezenwa MO, Shuey DA, Angulo VA, Suarez ML, **Schlaeger JM**, Yao Y, Wilkie DJ. PainReport number of neuropathic pain descriptors pain scale validation in adults with sickle cell disease. Paper presented at: Southern Nursing Research Society 32nd Annual Conference; March 21-24; Atlanta, Georgia.
- 2017 **Schlaeger JM**, Takakura N, Yajima H, Takayama M, Steffen AD, Gabzdy EM, Nisi RA, McGowan Gruber K, Bussell JM, Wilkie DJ. Double-blind acupuncture needles: a multi-needle, multi-session feasibility study. Paper presented at: Midwest Nursing Research Society 41st Annual Research Conference, Pain and Symptom Management Research Interest Group Guaranteed Symposium; April 6-9; Minneapolis, Minnesota.
- 2017 Roach KL, Molokie RE, Wang ZJ, Ezenwa MO, Shuey DA, Carrasco J, Angulo VA, Suarez ML, **Schlaeger JM**, Yao Y, Wilkie DJ. Pain in adults with sickle cell disease: validation of a neuropathic pain scale derived from the McGill pain questionnaire. Poster presented at: Midwest Nursing Research Society 41st Annual Research Conference; April 6-9; Minneapolis, Minnesota.

- 2016 **Schlaeger JM**, Cai HY, Xu N, Steffen AD, Wang L, Wilkie DJ. A hot and cold model for vulvodynia: an exploratory study. Poster presented at: Midwest Nursing Research Society 40th Annual Research Conference; March 17-20; Milwaukee, Wisconsin.
- 2016 **Schlaeger JM**, Steffen AD, Wilkie DJ. Reliability and validity indicators for the vulvar functional status questionnaire (VQ) in women with vulvodynia. Poster presented at: Midwest Nursing Research Society 40th Annual Research Conference; March 17-20; Milwaukee, Wisconsin.
- Local**
- 2020 Telisnor G, Yao Y, **Schlaeger JM**, Garg R, Wilkie DJ. The comparison of general body outlines and genital specific outlines in patients with vulvodynia. Paper presented at: University of Florida Training Opportunities for Outstanding Leaders (ReTOOL) Program, August 6-7; Gainesville, Florida.
- 2020 Telisnor G, Yao Y, **Schlaeger JM**, Garg R, Wilkie DJ. Documentation methods for vulvar pain: Implications for detection of vulvar cancer, a cancer with known disparities. Twitter poster presentation at: University of Florida Training Opportunities for Outstanding Leaders (ReTOOL) Program, August 6-7; Gainesville, Florida.
- 2019 Cobas H, Scarton LS, Yao Y, **Schlaeger JM**, Wilkie DJ. Using pain quality descriptors to identify treatments in patients with cancer. Poster presentation at: University of Florida Nursing Research Summit and Malasanos Lectureship; April 12th; Gainesville, Florida.
- 2018 Cobas H, Scarton L, Yao Y, **Schlaeger, JM**, & Wilkie DJ. (2018). Pain quality by location in outpatients with cancer. Poster presentation at: University of Florida Health Cancer Center Research Day. October 30th; Gainesville, Florida.
- 2017 **Schlaeger JM**, Takakura N, Yajima H, Takayama M, Steffen AD, Gabzdy EM, Nisi RA, McGowan Gruber K, Bussell JM, Wilkie DJ. Double-blind acupuncture needles: a multi-needle, multi-session feasibility study. Poster presentation at: University of Illinois Chicago, Center for Research on Women and Gender, Women's Health Research Day; April 21; Chicago, Illinois.
- 2016 **Schlaeger, JM**, Cai HY, Xu N, Steffen AD, Wang L, Wilkie DJ. A Hot/Cold, Old/New, Yin/Yang Model for Vulvodynia: An Exploratory Study. Poster presentation at: University of Illinois-Chicago, Center for Research on Women and Gender, Women's Health Research Day; April 20; Chicago, Illinois.
- 2015 **Schlaeger JM**, Steffen AD, Wilkie DJ. (2015) The Reliability and validity of the vulvar functional status questionnaire (VQ) in women with vulvodynia treated with acupuncture. Poster presentation at: 4th Chicagoland Pelvic Floor Research Consortium Symposium; October; Chicago, Illinois.
- 2015 **Schlaeger, JM**, Xu N, Mejta CL, Park C, Wilkie DJ. Acupuncture for the treatment of vulvodynia: a randomized wait-list controlled pilot study. Poster presentation at: University of Illinois Chicago, Center for Research on Women and Gender, Women's Health Research Day; April; Chicago, Illinois.
- 2014 **Schlaeger JM**, Xu N, Mejta CL. (2014), Acupuncture for the treatment of vulvodynia. Paper presented at: the 3rd Chicagoland Pelvic Floor Research Consortium Symposium; October; Chicago, Illinois.

INVITED PRESENTATIONS

International

Plenary Speaker

2023 Hybrid effectiveness-implementation trial of guided relaxation and acupuncture for chronic sickle cell pain. 2023 Society for Acupuncture Research Conference, May 20.

2022 Importance of double-blind acupuncture needles in acupuncture research. 71st Annual Congress of The Japan Society of Acupuncture and Moxibustion, Tokyo, June 5.

Presenter

2022 History and principles of traditional Chinese medicine. UIC College of Nursing, Summer Virtual Undergrad Global Health Nursing Program Lecture; July 14; Chicago, Illinois.

2021 Advancing a program of research through interdisciplinary collaborations and team science. Distinguished Researcher, Virtual Faculty and Graduate Student Lecture; October 26; Yonsei University College of Nursing, Seoul, South Korea.

2021 Creating a successful program of research through interdisciplinary collaborations and team science. PhD student lecture. May 26; Keio University College of Nursing, Tokyo, Japan.

2021 Creating a successful program of research through career mapping. PhD student lecture. May 19; Keio University College of Nursing, Tokyo, Japan.

2019 The opioid overdose crisis in the United States. Student Lecture. September 6; Tokyo Ariake University, Japan, Department of Acupuncture and Moxibustion Science Acupuncture Training Program, Boston, Massachusetts.

2019 Chronic pain and acupuncture research: a nurse-scientist's journey. Keio University, Department of Graduate Nursing Faculty and students; August 2; Tokyo, Japan.

2019 Chronic pain and acupuncture research: a nurse-acupuncturist's, scientist's journey. Tokyo Ariake University, Department of Acupuncture and Moxibustion; August 1; Tokyo, Japan.

2018 Graduate nursing education in the United States: DNP, PhD, and APN. Tokyo Ariake University, Department of Graduate Nursing; August 23; Tokyo, Japan.

2018 Graduate nursing education in the United States and a nurse scientist's research trajectory. Kanto Gakuin University, College of Nursing, Department of Graduate Nursing Faculty and Students; August 21; Yokohama, Japan.

2017 Vulvodynia, pain, and acupuncture research: an integrated healthcare approach. Guangzhou University of Chinese Medicine, Department of Acupuncture Faculty and students; December 27; Guangzhou, Guangdong Province, People's Republic of China.

2017 Acupuncture for the treatment of vulvodynia and the use of double-blind needles for acupuncture research; Tokyo Ariake University, Japan, Department of Acupuncture and Moxibustion Science Acupuncture Training Program; September 18; Boston, Massachusetts.

2017 Acupressure in labor workshop: an essential tool for the midwife's armamentarium. 31st International Confederation of Midwives Triennial Convention; June 19; Toronto, Canada.

- 2016 The neurobiology of pain. Tokyo Ariake University, Department of Acupuncture and Moxibustion Science Student and Faculty Lecture; September 30; Tokyo, Japan.
- 2016 The characterization and treatment of vulvodynia. Tokyo Ariake University, All Faculty Lecture; September 27; Tokyo, Japan.
- 2016 Acupuncture for pain management in women's health. UIC Global Health Seminar, UIC Bangkok Alumni Association; June 26; Bangkok, Thailand.
- 2015 Acupuncture for the treatment of vulvodynia. Tokyo Ariake University, Department of Acupuncture and Moxibustion Science Faculty and Students; July 25; Tokyo, Japan.

National

- 2023 **Schlaeger, JM.** Creating a successful program of acupuncture research through interdisciplinary collaborations and team science. Oregon College of Oriental Medicine; January 7; Portland, Oregon.
- 2021 **Schlaeger, JM.** Inclusion of diverse participants in pragmatic clinical trials: meeting participants where they are – outreach, trust, and consent to maximize diversity. Grand Rounds Diversity Virtual Workshop Series. NIH HEAL Initiative; June 25; Bethesda, Maryland.
- 2021 **Schlaeger JM,** Patil CL, Boyd A, Burke LA, DeMartelly T, Ezenwa MO, Gu CG, Knisley M, Madernach M, Shaw N, Steffen AD, Wilkie DJ, Molokie RE, Doorenbos AZ. Hybrid effective-implementation trial of guided relaxation and acupuncture for chronic sickle cell disease pain (GRACE Trial): UG3 milestones. May 17; Bethesda, Maryland.
- 2019 **Schlaeger JM.** Acupressure in labor: an essential tool for the midwife's armamentarium. Workshop. American College of Nurse Midwives 64th Annual Meeting; May 18; National Harbor, Maryland.
- 2018 **Schlaeger JM.** Acupressure in labor: an essential tool for the midwife's armamentarium. Workshop. American College of Nurse Midwives 63rd Annual Meeting; May 20; Savannah, Georgia.
- 2017 **Schlaeger JM.** Acupressure in labor: an essential tool for the midwife's armamentarium. Workshop. American College of Nurse Midwives 62nd Annual Meeting; May 21; Chicago, Illinois.
- 2016 **Schlaeger JM.** Treating infertility with acupuncture and Chinese medicine. American College of Nurse Midwives 61st Annual Meeting; May 22; Albuquerque, New Mexico.
- 2016 **Schlaeger JM.** Acupressure in labor: an essential tool for the midwife's armamentarium. Workshop. American College of Nurse Midwives 61st Annual Meeting; May 22; Albuquerque.
- 2016 **Schlaeger JM.** Neurobiology of nociceptive and neuropathic pain in vulvodynia. Chicagoland Pelvic Floor Research Consortium; April; Chicago, Illinois.
- 2015 **Schlaeger JM.** Acupressure in labor: an essential tool for the midwife's armamentarium. Workshop. American College of Nurse-Midwives 60th Annual Meeting; June 2; National Harbor, Maryland.

Regional

2023 **Schlaeger JM.** History and principals of acupuncture and TCM. Midwest Nursing Research Society webinar August 8.

2015 **Schlaeger JM.** Treating infertility with acupuncture and Chinese medicine. ACNM Illinois Affiliate Spring Continuing Education, Illinois State University, Mennonite College of Nursing; March; Bloomington-Normal, Illinois.

Local

2022 **Schlaeger JM.** Get to the Point: fundamentals and benefits of acupuncture. University of Illinois Hospital Nurse Residency Program, Nurse Wellness Series; January 12; Chicago, Illinois.

2021 **Schlaeger JM.** Healing the spirit and emotions with acupuncture: state of the research. University of Illinois Chicago College of Nursing, Nursing Research Day; March; Chicago, Illinois.

2021 **Schlaeger JM.** History and development of the institutional review board (IRB) for the protection of human subjects. Ethics lecture for Illinois Society of Acupuncturists; January; Chicago, Illinois.

2019 **Schlaeger JM.** Acupuncture and vulvodynia research. Athletico Physical Therapy, Women's Health Physical Therapists; January; Chicago, Illinois.

2019 **Schlaeger JM.** Vulvodynia, "a really great torturer": pilot studies examining pain experiences and treatments. University of Illinois Chicago College of Nursing, Nursing Research Day; March; Chicago, Illinois.

2018 **Schlaeger JM.** Double-blind phase 2 RCT: effect of acupuncture on patient vulvodynia outcomes. Shirley Ryan Ability Lab, Department of Physiatry; December; Chicago, Illinois.

2018 **Schlaeger JM.** Double-blind phase 2 RCT: effect of acupuncture on patient vulvodynia outcomes. Loyola University Medical Center, Department of Urogynecology; October; Maywood, Illinois.

2018 **Schlaeger JM.** Double-blind phase 2 RCT: effect of acupuncture on patient vulvodynia outcomes. University of Illinois Hospital Nurse Midwifery Service; September; Chicago, Illinois.

2018 **Schlaeger JM, Xu N, Mejta CL, Park C, Wilkie DJ.** Effect of acupuncture on patient vulvodynia outcomes. Howard Brown Health Center; May; Chicago, Illinois.

2017 **Schlaeger JM.** Double-blind phase 2 RCT: effect of acupuncture on patient vulvodynia outcomes. University of Illinois Chicago College of Nursing Executive Advisory Board; November; Chicago, Illinois.

2017 **Schlaeger JM.** Evolution of acupuncture through research. Illinois Association of Acupuncture and Oriental Medicine, Asian New Year Gala; January; Chicago, Illinois.

2016 **Schlaeger JM.** Ethics in research and IRB. Illinois Association of Acupuncture and Oriental Medicine; April; Chicago, Illinois.

2016 **Schlaeger JM.** Acupressure in labor workshop. University of Illinois Chicago College of Nursing, Department of Women, Children and Family Health Science, Student Nurse Midwives Special Event; April 21; Chicago, Illinois.

MEDIA COVERAGE

- 2023 UIC Today, (June 7). Electronic Health Records Can Contain Bias, Potentially Impacting Clinical Trials. Retrieved from <https://today.uic.edu/electronic-health-records-bias-clinical-trials/>.
- 2022 UIC Nursing News, (April 1). UIC nursing professor earns MNRS mid-career award. Associate professor Judith Schlaeger honored at MNRS conference; also recognized for her 'distinguished abstract'. Retrieved from: <https://nursing.uic.edu/news-stories/faculty-member-to-receive-mid-career-award/>
- 2020 Sickle Family Foundation Inc., mysicklefamilyllc.com. (October 23). \$7.1 M grant supports study of opioid alternatives to manage SCD pain. Retrieved from: <https://mysicklefamilyllc.com/2020/10/23/7-1m-nih-grant-supports-study-of-opioid-alternatives-to-manage-scd-pain/>.
- 2020 Sickle Cell Disease News, sicklecellanemianews.com. (October 15). \$7.1 M Grant Supports Study of opioid alternatives to Manage SCD pain. Retrieved from: <https://sicklecellanemianews.com/2020/10/15/nih-grant-study-opioid-alternatives-manage-pain-sickle-cell-disease/>.
- 2020 WBBM Newsradio 780, Radio.com. (October 7). UIC researchers to Lead \$7.1 M study to review opioid alternatives to treating sickle cell disease pain. Retrieved from: <https://www.radio.com/wbbm780/news/local/uic-to-review-alternatives-to-treating-sickle-cell-disease>.
- 2020 University of Illinois Chicago. (October 5). UIC Researchers to Lead \$7.1 M Study to Review Opioid Alternatives to Treating Sickle Cell Disease Pain. Retrieved from: <https://today.uic.edu/7-1m-grant-to-review-opioid-alternatives-to-treating-sickle-cell-disease-pain>.
- 2019 New York Times Parenting Section (November 6). Can You Flip a Breech Baby in the Womb? New York Times. Retrieved from: <https://parenting.nytimes.com/pregnancy/breechbabyturning>.
- 2018 Japanese Medical News Weekly (December 28). Fourth Most Popular Article for 2018. Nursing, Acupuncture, and Moxibustion: A Perfect Marriage. Japanese Medical News Service. Retrieved from: <https://www.facebook.com/igakukaishinbun/posts/2595408030477349>
- 2018 Japanese Medical News Weekly (October 22). Nursing, Acupuncture, and Moxibustion: A Perfect Marriage. Japanese Medical News Service. Retrieved from: http://www.igaku-shoin.co.jp/paperDetail.do?id=PA03294_02
- 2018 University of Illinois Chicago College of Nursing (March 16). Landmark NIH Grant to Study Acupuncture for Female Genital Pain. Vital Signs. Retrieved from: <http://www.nursing.uic.edu/alumni#vital-signs>
- 2018 Melissa Cady (February 7). Judith M. Schlaeger, PhD, CNM, LAc. Painoutloud.com. Retrieved from: <https://vimeo.com/254786882>
- 2017 Medical Acupuncture (December 1). Study Explores Effect of Acupuncture on Vulvar Pain. Medical Acupuncture. Retrieved from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5735860/>

- 2017 Painweek (October 14). Acupuncture for Women with Vulvar Pain—A New Treatment Option? Painweek.org. Retrieved from: https://www.painweek.org/news_posts/acupuncture-for-women-with-vulvar-pain-a-new-treatment-option.html
- 2017 European Association of Traditional Chinese Medicine (October 11). Acupuncture Could Ease Women's Vulvar Pain. EurekAlert! The Global Source for Science News. Retrieved from: https://www.eurekalert.org/pub_releases/2017-10/uoia-ace101117.php
- 2017 Sam Hostettler (October 1). Acupuncture Could Ease Women's Vulvar Pain. UIC Today. Retrieved from: <http://today.uic.edu/acupuncture-could-ease-womens-vulvar-pain>
- 2017 Fighting Back Disease (October 1). Acupuncture May Help Alleviate Vulvar Pain in Women. Fighting Back Disease.com. Retrieved from <https://fightingbackdisease.com/2017/10/11/acupuncture-may-help-alleviate-vulvar-pain-in-women-news-medical-net/>
- 2017 News Medical Life Science (October 1). Acupuncture May Help Alleviate Vulvar Pain in Women. News Medical Life Science. Retrieved from: <https://www.news-medical.net/news/20171011/Acupuncture-may-help-alleviate-vulvar-pain-in-women.aspx>
- 2017 Zahra Javadpour Ebrahimi (1396, December 1). Acupuncture Could Ease Women's Vulvar Pain. (translated from Farsi). Virtual Dr. Retrieved from: <http://virtualdr.ir/2017/11/22/acupuncture-could-ease-womens-vulvar-pain/>
- 2017 Rebecca Dekker (producer). (July 26). Natural Labor Induction Series: Acupuncture. Evidence based birth. Evidence that Empowers! Podcast Retrieved from: <https://evidencebasedbirth.com/evidence-acupuncture-to-induce-labor/>
- 2015 DoctorsLounge (February 10). Acupuncture Deemed Feasible for Vulvodynia. DoctorsLounge. Retrieved from: <http://www.doctorslounge.com/index.php/news/pb/52956>
- 2015 DeNA (July). Acupuncture for Vulvar Pain. (translated from Japanese). Mededge Japan. Retrieved from: <https://www.mededge.jp/b/heal/8807>
- 2015 International Society for Sexual Medicine (January 30). Acupuncture Protocol Considered "Feasible" for Treatment of Vulvodynia. International Society for Sexual Medicine. Retrieved from: <http://www.issm.info/news/sex-health-headlines/acupuncture-protocol-considered-feasible-for-treatment-of-vulvodynia>
- 2013 China National Knowledge Infrastructure (July). Acupuncture Treatment for Vaginal Pain. (translated from Mandarin). China Academic Journal (CD-ROM) Electronic Magazine Co., Ltd. Retrieved from: <http://cdmd.cnki.com.cn/Article/CDMD-10572-1013226542.htm>

TEACHING

Formal Classes and Independent Studies

Sem/ Qtr	Academic Yr	Course No. & Title	Teaching Contribution	Units	Class Size
Spring	2023	NUPR 556, Evidence-based Practice 4 (McKenzie)	Instructor	4	1
Spring	2023	NURS 599, PhD Thesis Research (Glazer)	Instructor	9	1
Fall	2022	NURS 515, Evidence-based Practice 1	Instructor	4	45
Fall	2022	NURS 599, PhD Thesis Research (Glazer)	Instructor	9	1
Summer	2022	NURS 599, PhD Thesis Research (Glazer)	Instructor	6	1
Spring	2022	NUEL 596, Graduate Independent Study (Glazer)	Instructor	2	1
Spring	2022	NURS 599, PhD Thesis Research (Glazer)	Instructor	6	1
Fall	2021	NURS 599, PhD Thesis Research (Glazer)	Instructor	6	1
Fall	2021	NUPR 593, Advanced Research Practicum (Glazer)	Instructor	1	1
Summer	2021	NUEL 596, Graduate Independent Study (Gu)	Instructor	1	1
Summer	2021	BHIS 591, Research Rotations in Biomedical and Health Informatics (Gu)	Instructor	1	1
Summer	2021	NUPR 593, Advanced Research Practicum (Glazer)	Instructor	1	1
Summer	2021	NURS 599, PhD Thesis Research (Glazer)	Instructor	6	1
Spring	2021	NUPR 557, Evidenced Based Practice 5 (Kilmer)	Instructor	4	1
Spring	2021	NUPR 557, Evidenced Based Practice 5 (D'Aversa)	Instructor	4	1
Spring	2021	NUPR 593, Research Practicum (Glazer)	Instructor	1	1
Spring	2021	NURS 599, PhD Thesis Research (Glazer)	Instructor	6	1
Fall	2020	NUPR 556, Evidenced Based Practice 4 (D'Aversa)	Instructor	4	1
Summer	2020	NUPR 556, Evidenced Based Practice 4 (Kilmer)	Instructor	4	1
Summer	2020	NUPR 593, Advanced Research Practicum (Glazer)	Instructor	1	1
Spring	2020	NUPR 593, Advanced Research Practicum (Glazer)	Instructor	1	1
Spring	2020	NUPR 557, Evidence Based Practice 5 (Song)	Instructor	4	1
Spring	2020	NUPR 557, Evidence Based Practice 5 (Miner)	Instructor	4	1

Sem/ Qtr	Academic Yr	Course No. & Title	Teaching Contribution	Units	Class Size
Fall	2019	NUPR 593, Advanced Research Practicum (Glazer)	Instructor	4	1
Fall	2019	NUPR 556, Evidence Based Practice 4 (Miner)	Instructor	4	1
Summer	2019	NUPR 556, Evidence Based Practice 4 (Song)	Instructor	4	1
Spring	2019	NUPR 593, Advanced Research Practicum (Glazer)	Instructor	4	1
Fall	2018	NUEL 596, Graduate Independent Study (Catchings)	Instructor	1	1
Fall	2018	NUSP 557, Healthcare of Women III	Instructor	4	6
Fall	2018	NUPR 593, Advanced Research Practicum (Adlam)	Instructor	4	1
Fall	2018	NUPR 593, Advanced Research Practicum (Glazer)	Instructor	4	1
Spring	2018	NUEL 596, Graduate Independent Study (Glazer)	Instructor	2	1
Spring	2018	NURS 535, Advanced Pathophysiology	Instructor	4	92
Fall	2017	NUSP 557, Healthcare of Women III	Instructor	4	13
Spring	2017	NURS 535, Advanced Pathophysiology	Instructor	4	147
Spring	2017	NUEL 596, Graduate Independent Study (Roach)	Instructor	1	1
Spring	2016	NUEL 399, Undergraduate Independent Study (Onyejiaka)	Instructor	2	1
Spring	2016	NUEL 399, Undergraduate Independent Study (Chokshi)	Instructor	2	1
Summer	2016	NUEL 399 Undergraduate Independent Study (Onyejiaka)	Instructor	2	1
Summer	2016	NUEL 399 Undergraduate Independent Study (Chokshi)	Instructor	2	1
Fall	2016	NUSP 557, Healthcare of Women III	Instructor	4	22
Fall	2016	NUPR 593, Advanced Research Practicum (Roach)	Instructor	4	1
Fall	2016	NUEL 399, Undergraduate Independent Study (Onyejiaka)	Instructor	2	1
Fall	2016	NUEL 399, Undergraduate Independent Study (Chokshi)	Instructor	2	1
Fall	2016	NUEL 399, Undergraduate Independent Study (Elwell)	Instructor	2	1
Fall	2015	NUSP 557, Healthcare of Women III	Instructor	4	23

Guest Lectures

- 11/23/22 UIC College of Nursing, NUSP 559, Philosophy of Science, "History and Principles of Traditional Chinese Medicine".
- 4/12/22 UIC College of Nursing, NUSP 559, Philosophy of Science, "History and Principles of Traditional Chinese Medicine".
- 2/23/22 UIC College of Nursing, NURS 586, Roles and Responsibilities of the Nurse Scientist. "Creating a Successful Program of Research through Interdisciplinary Collaboration".
- 1/12/22 UI Health Nurse Residency Program, Nurse Wellness Series. "Get to the Point, Fundamentals and Benefits of Acupuncture".
- 11/24/21 UIC College of Nursing, NURS 570, Philosophy of Science. "History and Principles Traditional Chinese Medicine".
- 2/23/22 UIC College of Nursing, NURS 586, Roles and Responsibilities of the Nurse Scientist. "Creating a Successful Program of Research through Interdisciplinary Collaboration".
- 11/18/21 UIC College of Allied Health Sciences. BHIS 531, Health Information Technology and Informatics in Interprofessional Collaborative Practice. "Acupuncture and Health Informatics".
- 10/29/21 UIC College of Nursing, NURS 403, Cultural Fluency, Communications, and Ethics, Paths to Nursing. "A Nurse Pain Scientist's Program of Research".
- 9/29/21 UIC College of Nursing, NUSP 557, Healthcare of Women III, "Vulvar Disorders".
- 2/17/21 UIC College of Nursing, NURS 586, Roles and Responsibilities of the Nurse Scientist. "Creating a Successful Program of Research through Interdisciplinary Collaboration".
- 1/27/21 UIC College of Nursing Career Cartography Faculty Workshop, with C. Ferrans and S. Feetham.
- 11/11/20 UIC College of Nursing, NURS 570, Philosophy of Science. "History and Principles of Traditional Chinese Medicine".
- 10/21/20 UIC College of Nursing, NURS 403, Cultural Fluency, Communications, and Ethics, Paths to Nursing. "A CNM/Acupuncturist's Program of Research".
- 10/21/20 UIC College of Nursing, NUSP 557, Healthcare of Women III, "Vulvar Disorders".
- 9/10/20 UIC College of Nursing, NUEL 585, Fall 2020 Research Seminars, "Behaviors of Highly Success Researchers: What to Do in Your First Year of Your Faculty".
- 9/9/20 UIC College of Nursing, NUSP 557, Healthcare of Women III, "Breast Conditions".
- 9/9/20 UIC College of Nursing, NUSP 557, Healthcare of Women III, Gynecological Case Studies.

- 2/10/20 UIC College of Nursing, NUSP 555, Healthcare of Women I, "Amniotic Fluid Dynamics and Fetal Growth Disturbances".
- 10/23/19 UIC College of Nursing, NUSP 557, Healthcare of Women III, "Vulvar Disorders".
- 10/9/19 UIC College of Nursing, NUSP 557, Healthcare of Women III, "Hematologic Disorders".
- 9/11/19 UIC College of Nursing, NUSP 557, Healthcare of Women III, "Breast Conditions".
- 7/26/19 UIC College of Nursing Global Health Leadership Office Seminar. "History & Principles of Traditional Chinese Medicine".
- 2/25/19 UIC College of Nursing, NUSP 555, Healthcare of Women I, "Amniotic Fluid Dynamics and Fetal Growth Disturbances".
- 2/14/19 UIC Department of Cardiology. "Feasibility Testing of a Randomized Controlled Trial of Acupuncture to Improve Symptoms for Stable Angina (AIMS-A)."
- 1/16/19 UIC Department of Family Medicine. "Double-blind Phase 2 RCT: Effect of Acupuncture on Patient Vulvodynia Outcomes".
- 11/27/18 UIC College of Nursing, NURS 586, Roles and Responsibilities of the Nurse Scientist. "Employment Negotiations".
- 11/9/18 UIC College of Medicine. Medical Student Medical Colloquium Lecture. "History & Principles of Traditional Chinese Medicine".
- 7/18/18 UIC College of Nursing Global Health Leadership Office Seminar. "History & Principles of Traditional Chinese Medicine".
- 4/16/18 UIC College of Nursing, NUSP 555, Healthcare of Women I, "Amniotic Fluid Dynamics and Fetal Growth Disturbances".
- 7/12/17 UIC College of Nursing Global Health Leadership Office Seminar. "History & Principles of Traditional Chinese Medicine".
- 11/16/16 UIC College of Nursing, N570, Philosophy of Science. "History and Principles of Traditional Chinese Medicine"; and "Comparative Ontology of Traditional Chinese Medicine and Western Medicine".
- 7/19/16 UIC College of Nursing Global Health Leadership Office Seminar. "History & Principles of Traditional Chinese Medicine".
- 5/19/16 UIC Building Interdisciplinary Research Through Careers in Women's Health (BIRCWH). Co-presenter with Tonda Hughes, PhD, RN, FAAN, "Career Development and Career Cartography".
- 3/14/16 UIC College of Nursing, NUSP 555, Healthcare of Women I, "Amniotic Fluid Dynamics and Fetal Growth Disturbances".

- 11/11/15 UIC College of Nursing, N570, Philosophy of Science. “History and Principles of Traditional Chinese Medicine”; and “Comparative Ontology of Traditional Chinese Medicine and Western Medicine”.
- 11/09/15 UIC College of Nursing, NUR 202, Specialty Nursing for Junior Nursing Students. Panel Discussion: “What is a Certified Nurse Midwife?”.
- 8/03/15 UIC CON, Global Health Leadership Office Seminar. “History & Principles of Traditional Chinese Medicine”.
- 4/27/15 UIC CON, NUSP 555, Healthcare of Women I. “Amniotic Fluid Dynamics and Fetal Growth Disturbances”.
- 3/10/14 UIC, College of Nursing, NUSP 555, Healthcare of Women I. “Amniotic Fluid Dynamics and Fetal Growth Disturbances”.

UIC HONORS COLLEGE STUDENT ADVISEES

Dates	Name	College	University
2019-	Scout Baker	Liberal Arts	UIC
2019-	Ale Hermosillo	Communications	UIC
2020-	Mariah Cumigad	Nursing	UIC
2020-	Sarah Lee	Liberal Arts	UIC
2020-	Mariel Angela Lino	Liberal Arts	UIC
2020-	Ashley Magarzo	Liberal Arts	UIC

PROFESSORS MENTORED

Dates	Name	Position While Mentored	School
2023-2026	Mitch Knisely	Associate Professor	Duke University School of Nursing, Acupuncture mentor for University of California Davis School of Nursing – Betty Irene Moore Fellowship for Nurse Leaders & Innovators
2022	Saun-Joo Yoon	Associate Professor	UF College of Nursing, Acupuncture mentor
Summer 2022	Ellen Goldstein	Assistant Professor	UIC College of Nursing
2021-	Hongjin Li	Assistant Professor	UIC College of Nursing, Dept. of HDNS Acupuncture Science Mentor
2018-2022	Wang Lin	Assistant Professor	Guangzhou University of Chinese Medicine

POSTDOCTORAL STUDENTS MENTORED

Dates	Name	Type of Fellowship	Faculty Role	Current Position
2019-2021	Li, Hongjin	Postdoctoral Fellow	co-Mentor	Research Specialist in Acupuncture for Sickle Cell Disease: A Feasibility Study

PREDOCTORAL STUDENTS MENTORED

Dates	Name	Type of Fellowship	Faculty Role	Current Position
2019-	Jen Glayzer	F31 Predoctoral Fellow	Sponsor	Mentored predoctoral fellowship at UIC CON, Dept. HDNS
2019-	Michelle Villegas-Downs	F31 Predoctoral Fellow	co-Sponsor	Mentored predoctoral fellowship at UIC CON, Dept. HDNS

DISSERTATION COMMITTEE CHAIR/MEMBERSHIP

Year	Student	College/Dept.	Faculty Role
2022-	Kaitlyn Sullivan	Nursing/HDNS	Chair
2022-	Enuma Onyapat	Nursing/PHS	Committee Member
2021-2023	Walaa Maghrabi	Nursing/PHS	Committee Member-Completed 2023
2019-	Michelle Villegas-Downs	Nursing/HDNS	Committee Member
2017-	Jen Glayzer	Nursing/WCFHS	Chair
2016-2018	Keesha Roach	Nursing/BHS	Committee Member-Completed 2018
2017-2018	Mary Golas	Nursing/BHS	ABD, Committee Member

DNP STUDENT PROJECT MENTORED

Dates	Name	College/Dept.	Faculty Role	Current Position
2022-	Diane McKenzie	CON/PHS	Practice Advisor for DNP project	The Role of Addiction Detox Specialists in Treating Substance Abuse Disorder
2020-2021	Meghan Kilmer	CON/WCFHS	Advisor for DNP project	Optimizing Sexual Health Assessment with Expansive and Inclusive Language
2020-2022	Robin D'Aversa	CON/WCFHS	Advisor for DNP project	Integrating Sexual and Gender Minority-Inclusive Sexual Health Intake Processes Using the Electronic Health Record

Dates	Name	College/Dept.	Faculty Role	Current Position
2019-2020	Seunghye Song	CON/WCFHS	Advisor for DNP project	Preventing Vertical HIV Transmission: An Evidence-Based Quality Improvement Initiative
2019-2020	Ambria Miner	CON/WCFHS	Advisor for DNP project	Improving Mental Health Referrals Among Depressed, Pregnant and Postpartum Women Living with HIV

DNP PROJECT MENTORED FOR ABSTRACT WRITING, SUBMISSION, AND PODIUM PRESENTATION

Dates	Name	College/Dept.	Faculty Role	Current Position
2021-2022	Meghan Kilmer	CON/ HDNS	Mentor Guidance in Abstract Submission and Podium Presentation	Integrating Sexual and Gender Minority-Inclusive Sexual Health Intake Processes Using the Electronic Health Record Podium Presentation at Howard Brown Midwest LGBTQ+ Health Symposium September 2021.

BACHELORS STUDENTS MENTORED

Dates	Name	Position While Mentored	School
2022-	Annie Griffin	Final project Vulvodynia Treatment with 5 Element Acupuncture	Acupuncture Academy Leamington Spa, Warwickshire, England
2019-2020	Annette Lopez	Honors College Capstone Project	UIC College of Nursing
2017-2019	Li Minyin	Bachelors Student Entering Lab Program	Guangzhou University of Chinese Medicine, China

RESEARCH ASSISTANTS MENTORED

Dates	Name	Position While Mentored	School
2023-	Grace Gao	Graduate Student Research Specialist	UIC COM
2023-	Natalie Lif	Research Specialist	UIC CON
2023-	Katelyn Sullivan	Graduate Student Research specialist	UIC CON
2017-	Monya Meinel	Research Specialist	UIC CON
2017-	Marie Suarez	Project Director	UIC CON
2016-2017	Cindy Stoffel	Graduate Student Research Specialist	UIC CON

DNP ADVISEES

Year	Name	School
2019-2020	Ambria Miner	UIC CON
2017-2020	Seunghee Song	UIC CON
2017-2019	Brittany Catchings	UIC CON
2017-2021	Gabrielle Brummel	UIC CON
2017-2021	Meghan Kilmer	UIC CON
2017-2018	Meghan Nolan	UIC CON

PROFESSIONAL ORGANIZATION MEMBERSHIPS

2021-	Society for Acupuncture Research
2019-	Japan Society of Acupuncture and Moxibustion
2018-	American Society of Acupuncturists
2018-	Illinois Society of Acupuncturists
2018-	American Academy of Nursing
2018-	American Nurses Association
2016-	International Association for the Study of Pain, Acupuncture Special Interest Group
2015-2019	American Pain Society, Complementary and Alternative Medicine Special Interest Group (disbanded 2019)
2015-	Midwest Nursing Research Society
2013-	American College of Nurse Midwives, Illinois Affiliate
2013-	International Pelvic Pain Society
2012-2017	Chicagoland Pelvic Floor Research Consortium
2009-	National Vulvodynia Association
2003-2018	Illinois Association of Acupuncture and Oriental Medicine
1988-2003	American College of Nurse Midwives
1988-2003	American College of Nurse Midwives Chicago Chapter
1980-2006	American Nurses Association
1980-	Sigma Theta Tau, Member