

## **Janis M. Miller, PhD, APRN, FAAN**

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**Research Interests:** Dr. Miller's expertise lies in prevention and treatment of injuries to and disorders of women's private anatomy, including bladder control issues, prolapse of the pelvic organs, levator ani (Kegel) muscle tear related to childbirth, urogynecologic fistula related to sexual violence or childbirth. She develops instruments to measure these injuries and disorders that are otherwise physical and socially hidden from sight. New instruments either developed by or rigorously tested for validity and reliability include: 1) genital body image scale of change pre- and post- injury/disorder of a woman's private anatomy, 2) quantified paper towel standing stress test of urine leakage volume during provocative event, 3) one-billed instrumented speculum to measure intravaginal closure force during pelvic muscle contraction without artifact of intraabdominal pressure, 4) clinical screening technique for levator ani tear preparatory to and justifying clinical order for MRI, and 5) new approaches to momentary assessment of bladder habits. Dr. Miller specializes in development of new interventions that include a variety of behavioral skills for women to improve bladder control. She has developed a comprehensive program, now in beta testing as an interactive website, with intent to scale up prevention and treatment of incontinence. This platform draws from 20+ years of research and clinical practice in the field. She is one of the key principal investigators of the [Pelvic Floor Research Group](#) at the University of Michigan, an internationally recognized research team working to improve the understanding, prevention, and treatment of pelvic floor disorders. In her own clinical practice at the University of Michigan Vanvoitlander's Obstetrics & Gynecology clinic, Dr. Miller draws on her unique nurse practitioner expertise along with her research results. She sees patients every Friday afternoon who struggle with pelvic floor disorders (incontinence or prolapse). Additionally, Dr. Miller collaborates with a team of investigators at Panzi Hospital and Université Evangelique en Afrique (UEA) in Bukavu, Democratic Republic of Congo. This team launched the International Center for Advanced Research and Training (ICART) in Bukavu <http://www.icart-bukavu.org/index.php/en/>. ICART houses two large and continually growing data repositories, one on sexual violence in a post-conflict environment and the other on urogynecologic fistula originating from either sexual violence or obstetrically related trauma.

### **Education and Training**

1976-1981	BSN	Nursing	Goshen College, Goshen, IN
1986-1987	MSN	Nursing	Loyola University of Chicago, Chicago, IL
1990-1996	PhD	Nursing	University of Michigan, Ann Arbor, MI

**Dissertation: Co-Chairs:** Carolyn Sampselle PhD, RN (Nursing) & James Ashton-Miller PhD (Engineering).  
*"On pelvic floor muscle function and stress urinary incontinence: effects of posture, parity and volitional control."*

1996-1999 Postdoctoral Fellow Claude Pepper Gerontology Center University of Michigan

**Mentor:** James Ashton-Miller, Mechanical Engineering

2001 Post-Masters Certification: Adult Nurse Practitioner: University of Michigan, Ann Arbor

**Licensure**

1981-**current** Registered Nurse, State of Michigan Board of Nursing, #4704180662, 03/31/2017  
 1989-2004 Gerontological Nurse Certification, Michigan  
 2001-**current** Adult Nurse Practitioner Specialty, Board Certified #4704180662, 03/31/2019

**Academic, Administrative, and Clinical Appointments****Academic Appointments****University of Louisville/School of Nursing**

1/88-5/90 Instructor

**University of Michigan Medical School/Depart Obstetrics/Gynecology**

9/99-8/03 Research Investigator  
 9/03-8/11 Research Assistant Professor  
 9/11-8/16 Research Associate Professor  
 9/16-**Current** Research Professor

**University of Michigan School of Nursing**

9/98-5/99 Lecturer, School of Nursing  
 7/00-5/07 Assistant Research Scientist  
 6/07-8/07 Associate Research Scientist  
 9/07-8/11 Assistant Professor  
 9/11-8/16 Associate Professor  
 9/16-**Current** Professor

**Clinical Appointments**

9/81 12/82 Staff Nurse, Fairbanks Memorial Hospital, Fairbanks, AK  
 1/83 2/84 Charge Nurse, Meadows Mennonite Retirement Center, Chenoa, IL  
 3/84 7/85 Home Health Nurse, Family Health Service, Elkins, WV  
 7/85 7/86 In-Service Director, Meadows Mennonite Retirement Center, Chenoa, IL  
 4/88 8/90 Home Health Float Nurse Specialist, Louisville KY Visiting Nurse Association  
 9/99 **Current** University of Michigan Hospitals and Health Center, Urogynecology  
 Specialty Clinic, Department of Obstetrics & Gynecology, Ann Arbor, MI  
 This is a Specialty practice for behavioral interventions for incontinence, prolapse, and postpartum  
 maternal injury and rehabilitation. The referral base is from across UMHS clinics and across the  
 state, with patients sometimes traveling many hours for this rare specialty service. The  
 interventions used in our urogynecology clinic are often direct translations into clinical practice  
 from new knowledge gained within the University of Michigan Pelvic Floor Research Group.

## Grants

### Completed Grants

**NIH/NICHD R01 HD38665** 1/1/00-3/31/05, 62 months

\$765,140 direct \$1,193,013 with indirects

*Do Women with Prolapse Have Levator Ani Impairment: On Prolapse and Levators (OPAL 1)*

Goal: To study levator ani muscle structure and function in women with pelvic organ prolapse and women with normal support.

**Role: Co- Investigator**

PI: DeLancey

**NIH R01 HD/AG41123** 9/1/01-8/31/07, 71 months

\$1,887,500 direct, \$2,887,875 with indirects

*Races Differences in Female UI: Epidemiology & Biology: Epidemiology study on Incontinence (EPI)*

Goal: To use a population-based structured telephone survey to determine the prevalence and type of urinary incontinence experienced by community-dwelling women. A subset of these women will have clinical urodynamic evaluation to seek explanations for these differences.

**Role: Co-Investigator**

PI: DeLancey

**NIH R42 DK05039** 9/1/02-6/31/04, 21 months

\$245,843 direct

*A System for Measuring Pelvic Muscle Strength in Women: STTR*

Goal: To develop and test an instrumented speculum that measures both levator ani strength and intra-abdominal pressure simultaneously.

**Role: Co-Investigator**

PI: Cole

**Office of the Vice President of Research** 09/01/2002-07/01/2006, 46 months

\$10,000 direct

*Identifying Individuals for whom Pregnancy and Childbirth Cause Changes in Bladder Control and Pelvic Floor Muscle Function: Treatment for Incontinence Prevention (TIPOff)*

Goal: To examine pelvic floor damage and muscle function.

**Role: Principal Investigator**

**NIH/NICHD/ORWH P50HD44406** 9/1/02-5/31/07, 56 months

~\$1,327,015 direct, ~\$2,030,333 with indirects (Entire P50 grant ~\$6,000,000)

*Selection Criteria for Pelvic Muscle Therapy in SUI (Project 3 of P50: Office for research on women's health specialized centers of research (SCOR) on Sex and Gender Factors Affecting Women's Health): Incontinence Research Intervention Study (IRIS)*

Goal: To determine predictors of response to women learning volitional, biomechanics skill of preemptive pelvic muscle contraction used at the moment of expected urine loss to decrease volume and episodes of leakage. Called the Knack maneuver, this skill uses the same muscle structures as in

Kegel's exercise, but relies on immediate and temporary mechanical closure of the urethra rather than enhancing support muscle strength.

*Explanatory note: The above research project was submitted in identical format as an individual RO1, Miller PI. Since both the RO1 and the SCOR were funded the SCOR funding takes priority according to NIH guidelines.*

**Role: Principal Investigator** (Project Lead) Project 3  
Entire P50 grant PI: DeLancey

**NIOSH pilot** 2/1/04-6/30/04, 4 months  
\$15,870 direct

*Differences in Female Levator Ani Muscle Function between Occupational Lifters and Non-lifters*, a pilot study within the "University of Michigan Education and Research Center for Occupational Health and Safety Engineering": Levators In Frequent TraininG (LIFT)  
Goal: Investigate the influence of the presence or absence of occupational lifting on the levator ani muscle. The long-term goal is to determine life style risk factors that predict exacerbation or protection against pelvic floor disorders.

**Role: Principal Investigator**

**NIH/NINR UO1 NR04061-10A1** 7/1/04-4/30/09, 57 months  
\$2,227,155 direct, ~\$3,407,547 with indirects

*Perimenopause, Bone and Arthritis in African Americans: Study of Women's Health Across the Nation* (SWAN III Michigan)

Goal: To continue to characterize the impact of menopause among Caucasian and African American women in relation to bone status, arthritis and blood pressure.

**Role: Co-Investigator** 2007-2009  
PI: Sowers

**P30 NR 009000-01 pilot** 5/1/05-4/30/06, 11 months  
\$10,000 direct, supplemented to ~\$30,000, ~\$34,500 with indirects

*Effects of Irritating Fluids on Bladder Function: FLUIDS*

Goal: Using a cross-over study design, determine dose-response effect of coffee/tea/alcohol/carbonated beverages on symptoms of overactive bladder.

**Role: Principal Investigator**

**NIH/NICHD R21 HD049818** 5/1/05-4/30/08, 35 months  
\$247,500 direct, \$378,675 with indirects

*Maternal Birth-Related Neuromuscular Injury and Recovery: Evaluating Maternal Recovery from Labor and Delivery* (EMRLD 1)

Goal: To understand the birth injury responsible for the pathology of incontinence or prolapse. Short term: To generate pilot data to eventually test the relationship between injury type and pelvic floor function.

**Role: Principal Investigator**

**Society of Urological Nurses and Associates** 9/1/05-8/31/06, 11 months

\$12,000 direct

*Identifying Asian Women for Whom Pregnancy and Childbirth cause Changes in Bladder Control and Pelvic Floor Muscle Function: Asian Continence Evaluation (ACE)*

Goal: To examine pelvic floor damage and muscle function among Asian American women.

**Role: Co-Investigator**

PI: Son

**Pfizer Investigator Initiated GA6120A8** 1/1/07-3/31/08, 14 months

\$49,000 direct, \$62,499 with indirects

*Overactive bladder and potentially "irritating" beverage intake: A randomized controlled trial: Fluids Affecting the Bladder Urge and Leakage Under Study (FABulus)*

Goal: To test if an educational intervention to reduce intake of potentially irritating beverages while controlling for overall intake volume is as an effective therapy for OAB.

**Role: Principal Investigator**

**MSU College of Veterinary Medicine Pure Bred Dog Endowment Fund** 1/31/07-2/1/09, 24 months

\$24,270 direct

*Characterization of a congenital lower urinary tract syndrome in Entlebucher Mountain Dogs*

Goal: To fully characterize the Entlebucher urinary syndrome phenotype in affected Entlebucher mountain dogs, collect and archive DNA from affected dogs, and to attempt to infer a mode of inheritance.

**Role: Consultant**

Co-PIs: North & Kruger

**Institute on Women and Gender** 4/1/07-3/31/08, 11 months

\$9,360 direct

*Urine Chemistries to Objectively Document Effect of Beverage Intake Modifications on Symptoms of Overactive Bladder*

Goal: Provide supplemental funding to explore urinalysis within an existing ongoing study on women across the lifespan who have symptoms of overactive bladder. The urinalysis will target identifying changes that might occur to the urine pre- and post- education on reducing intake of beverages anecdotally thought to be "irritating" to the bladder.

**Role: Principal Investigator**

**NIH/NINR R01-NR009691** 5/1/07-3/31/12, 58 months

*Identity Impairment – The Cognitive Foundation of Risk Behaviors in Hispanic Women*

**Role: Site-Principle Investigator, 09/01/2011-03/31/2012**

PI: Stein

**NIH NICHD/ORWH P50 HD044406** 9/31/07-7/31/12, 58 months

~\$1,337,254 direct, \$1,967,103 with in-directs for Project 3, (Entire P50 grant ~\$6,000,000)

*Maternal Birth-Related Neuromuscular Injury and Recovery II: Evaluating Maternal Recovery from Labor and Delivery II (EMRLD2)*

Goal: 1) Determine the validity of commonly accepted risk factors for PCM injury and variance in injury type, 2) Distinguish between pregnancy and vaginal birth as primary contributor to PCM alterations post birth, 3) Test if clinical parameters early postpartum predict long-term PCM muscle outcome, and 4) Further define what constitutes a woman being at high risk for long-term pelvic floor disorders associated with birth.

**Role: Principle Investigator (Project lead) Project 3**

PI: DeLancey

**Pfizer Investigator Initiated Award** 6/1/08-4/31/11, 34 months

\$175, 228 with indirects

*Bringing simple urge incontinence diagnosis & treatment to providers: BRIDGES*

Goal: To determine if responses to a simple questionnaire can provide an accurate diagnosis of urge incontinence and to determine if fesoterodine is more effective than placebo in reducing the frequency of urge urinary incontinence.

**Role: Site Principal Investigator**

PI: Brown

**NIH MICHR/CTSA** 11/01/08-10/31/09, 12 months

\$24,952 direct

*Events of Second Stage Labor Predictive of PFD: Defining Measures and Events of Normal Delivery (DiMEND phase II)*

Goal: To characterize events of second stage of labor that affect risk of bone/muscle/nerve damage in women.

**Role: Co-Investigator**

PI: Kane Low

**NIH/NINR U01NR004061 15A1** 5/1/09-4/30/14, 59 months

\$3,985,814 with indirects

*Perimenopause, Bone and Arthritis in African Americans: Study of Women's Health Across the Nation (SWAN IV Michigan)*

Goal: To continue to characterize the impact of menopause among Caucasian and African American women in relation to bone status, arthritis and blood pressure. (UR).

**Role: Co-Investigator**

Pi: Sowers

**Institute of Research on Women and Gender** 1/31/10-5/01/11, 16 months

\$8,500 directs

*Oxytocin tissue study*

Goal: The research question to answer is whether there are oxytocin receptors on smooth muscle sites from the bladder, urethra, fallopian tube, and perineum. We aim to answer the question by PCR work on mRNA harvested from cadaver tissue.

**Role: Co-Investigator**

PI: Seng

**MSU College Veterinary Medicine Pure Bred Dog Endowment Fund** 11/1/10-10/31/11, 12 months  
~\$19,000 direct

*A Search for the Gene Underlying Entlebucher Urinary Syndrome (EUS)*

Goal: Use a novel method of candidate gene analysis to test the hypothesis that one of 30 candidate genes underlies EUS. The advantage of the proposed method (which we call association-based exclusion analysis) is its power, speed, and simplicity for eliminating candidate genes that are not the culprit locus, with goal of leaving a single gene as being un-excluded. If we find the gene, then EUS would become an excellent large animal model system for understanding the molecular basis of what is known as human CAKUT (congenital abnormalities of the kidney and urinary tract). The potential funding source for future work would then be the NIH.

**Role: Consultant**

PI: Venta

**NIH NINR R03-NR012510-01A1** 3/1/11-2/28/13, 24 months

\$100,834 direct, \$155,334 with indirects

*Spontaneous vs. Directed Pushing: Analysis of Audiotapes of 2<sup>nd</sup> Stage Labor*

Goal: Investigate the relationship between actual pushing method used and risk for incontinence post-partum, by assessing fidelity to assignment between spontaneous and directed pushing groups from the PERL project. In addition, prospectively explore maternity care providers' rationale and description of clinical indicators that effect how they manage second stage labor.

**Role: Co-Investigator**

PI: Kane-Low

**Institute of Research on Women and Gender Sisters Fund** 7/31/11-8/01/12, 12 months

\$13,985 directs

*Gender Based Violence in the DRC: A Landscape Analysis and Stakeholder Consultation: The Democratic Republic of Congo Project Establishing a Research Center*

Goal: The long-term goal is an improvement in the quality of care for women, particularly rape victims, at the hospital level and/or an improvement in the quality of life for the community. The short-term goal is for the team to begin developing sustaining relationships and on-the-ground knowledge about work of the Panzi Hospital and the Université Evangélique en Afrique in post-conflict D. R. of Congo.

**Role: Principal Investigator**

**University of Michigan Global Challenges Third Century Phase 1** 6/01/13-12/31/14, 18 months

\$299,560 direct

*Transforming Violence and Conflict into Hope and Innovation: Establishing a Center of Excellence for Training and Research in Bukavu, Democratic Republic of Congo*

Goal: We focus on developing 1) training and 2) research programs to optimize approaches to health implemented around the world while supporting the specific mission of two institutions in Bukavu: Panzi Hospital and Evangelical University in Africa. The training program will start with a mental health certification. The research component will evaluate additional projects (three already launched) and serve as a hub for research proposals from around the world.

**Role: Principal Investigator**

**NIH/NINR R01-NR-012011-01** 9/28/10-12/31/16, with no cost extensions  
\$2,988,838 with indirects

*Translating Unique Learning for Incontinence Prevention: The TULIP Project,*

Goal: To compare outcomes of urinary incontinence between a group behavioral program and a DVD version.

**Roles: Principal Investigator years 2013-2014, 2016; Co Investigator 2010 – 2012, 2015**

Originating Principle Investigator: Carolyn Sampsele

**Center for Advancing Research and Solutions for Society (CARSS)** 2012-2017 (with extension)  
\$20,000 direct

*Development of a Research/Program Development Collaboration with Panzi Hospital, Evangelical University in Africa (UEA) in the D.R. C, and the University of Michigan*

Goal: On site delegation at DRC, sustaining relationships, acting on the signed Memo of Understanding for establishing an onsite Research Hub collaboration, building policies and procedures manual. Pilot the hub's processing by evaluating and enhancing a region wide mental health program.

**Role: Principal Investigator**

### Current Grants

**NIH NICHD/ORWH 2-P50-HD-0444061** 9/22/12-5/31/17, 56 months

~\$777,962 direct, ~\$1,728,804 with indirects, (Entire P50 grant ~\$5,500,000 with indirects)

*Maternal Birth-Related Neuromuscular Injury and Recovery III: Evaluating Maternal Recovery from Labor and Delivery III (EMRLD3)*

Goal: "Injury Extension" will determine whether minor clinically insignificant levator ani muscle injury after first birth extends to a clinically significant tear during second birth. Because a second birth doubles the risk of genital prolapse, this event offers the opportunity of preventing injury and their sequelae later in life.

**Role: Principal Investigator (Project Lead) Project 2**

PI for entire P50 grant: DeLancey

**NIH NICHD/ORWH 2-P50-HD-0444061** 6/1/15-5/31/17 (24 of 56 months)

~\$785,000 direct, ~\$1,225,000 with indirects, (Entire P50 grant ~\$5,500,000 with indirects)

**Role: Principal Investigator (Project Lead) Core B (5/31/15 – 6/1/2017)**

PI for entire P50 grant: DeLancey

**NIH/NINR U01NR004061 20A1** 7/17/14-12/31/18, 52 months

\$3,639,189 with indirects

*Study of Women's Health Across the Nation SWAN V: (SWAN V Michigan)*

**Goal:** This well-known longitudinal trial, nearly two decades in operation, originally was designed to study the natural history of the transition to menopause. On renewal, the cohort of women is followed into old age and now includes survey data on prolapse. The relationship of prolapse to prior well-documented life events, such as lifestyle, hormonal and obstetric information, will greatly enhance our knowledge about risk factors and natural history.

**Role: Co-Investigator**

PI: Harlow

**NIH/NIDDK U01 DK106893** 8/20/15-6/30/20, 60 months

\$920,739 directs, \$1,413,896 with indirects

*The Truly Health Bladder: Understanding Normal as a Pathway to Prevention of Lower Urinary Tract symptoms in Women*

**Goal:** This project will provide us with critical evidence to guide primary care providers in understanding what constitutes a healthy bladder so we can initiate prevention strategies aimed at reducing the risk for and incidence of lower urinary tract symptoms over the lifespan.

**Role: Principal Investigator**

**NIH/NIDDK U01 DK106893 Administrative Supplement I**, 7/01/16-6/30/20, 48 months

\$195,000 directs, \$300,000 with indirects

*The Truly Health Bladder: Administrative Supplement*

**Goal:** This supplement supports the UM PLUS research center participation in the focus group research, as requested in the supplement application dated 09/02/2016.

**Role: Principal Investigator**

Supplement lead: Kane Low

**2017 Collaborative Faculty Seed Grant of the STEM Africa Initiative U056435** 4/1/17-4/30/18, 12 months

\$5000 directs

*Relationship of genital body image and the practice of labia minora elongation: A case-control study of Congolese women"*

**Goal:** To determine if a self-care practice of labia minora elongation impact on genital body image and sexual function is positive, and therefore appropriately classified with the neutral term "genital modification" rather than "genital mutilation". Also, to explore labia minora elongation as a tool to improve the surgical reparation of large vesico-vaginal fistula.

**Role: Project Director**

**NIH/ORWH/NICHD, Award #4 P50 HD044406-15 Bridging Funds** 6/1/17 – 5/31/18, 12 months

\$500,000 (total Bridging funds) (Entire P50 grant ~\$5,500,000 with indirects)

*Birth, Muscle Injury and Pelvic Floor Disorders*

**Goal:** Per NIH, to keep our research group together during the bridging time and to avoid the loss of essential resources and collaborations supported by the past 15 years with SCOR funding at a level that will not jeopardize the significant investment in our science and collaboration that has been made.

**Role: Principal Investigator (project lead) Project 2 and Core B of Specialized Center of Research**  
PI of entire P50 grant: DeLancey

**Office of Research Faculty Grants and Awards program (MICHR), 7/31/17-8/1/18, 12 months**  
\$4,792 directs

*Relationship of Genital body Image and the Practice of Labia Minora Elongation: A Case-Control Study of Congolese Women*

**Role: Principal Investigator**

**NIH/NIDDK U01 DK106893 Administrative Supplement II 7/01/17-6/30/18, 12 months**

\$~33,000, ~50,000 with indirects

*The Truly Health Bladder: Administrative Supplement II*

*Goal:* This supplement supports the UM PLUS research center activities for the UM Center for Health Communications Research to Build the “Where I Go” bladder application, which lays the foundation for momentary ecological assessment of women’s bladder habits in real world environment, as requested in the supplement application dated 09/2017.

**Role: Principal Investigator**

**World Bank, Panzi Foundation DRC, 9/17 – 7/1/18**

\$50,000

Classification of Sexual Violence Physical Characteristics

Goal: This grant will reduce an extensive data set into refined variables amenable as an outcome variable for broadbased stastical analysis

Role: Co-Principal Investigator with Erin Kahle, for the University of Michigan side

PI: Denis Mukwege from the DR Congo side

**Blue Cross/Blue Shield Michigan, Submitted 12/17, 12 months**

\$50,000 (directs)

OAB grant

*Goal:* This project will extend a prior feasibility study using a RCT design to determine effect of potentially irritating beverages on the bladder. If funded, this also brings two new investigators, Megan Schimpf and Sarah Hortsch, onto the Michigan PLUS consortium grant.

**Role: Co-Investigator**

PI: Schimpf

### **Pending Grants**

**AHRQ, Submitted 09/17, 36 months, status – undergoing resubmission writing**

\$251,253 (directs) \$391,923 (with indirects)

*Mobile Electronic Bladder Diary: Data Visualization*

*Goal:* The objective of this proposal is to develop a mobile bladder diary application using the validated International Consultation on Incontinence Questionnaire (ICIQ) bladder diary that will result in more complete and comprehensive data collection as well as improved communication between patients and their healthcare providers.

**Role: Co-Investigator**

PI: Smith

**NIH/NIDDK U01 DK106893 Administrative Supplement**, Submission requested by Scientific Officer for expected submission 7/2018, 12 months

\$15,000 directs, \$20,000 with indirects

*The Truly Health Bladder :Administrative Supplement III*

*Goal:* This supplement supports the UM PLUS research center activities for the UM Center for Health Communications Research (CHCR) to build the “Where I Go” bladder application, which lays the foundation for momentary ecological assessment of women’s bladder habits in real world environments, as requested in the supplement application dated 09/2017.

**Role: Principal Investigator**

### **Honors and Awards**

1986 Professional Nurse Traineeship Award  
1987 Miller-Erb Nursing Scholarship  
1987 Nurses’ Educational Fund Scholarship  
1988 Sigma Theta Tau Grant for Midwest Nursing Research Society Masters Student Poster  
1989 Grawemeyer Award for Instructional Development-Finalist  
1990 University of Michigan School of Nursing Institutional National Research Service Award  
1992 University of Michigan School of Nursing Grant for Sigma Theta Tau International Nursing Research Conference Doctoral Student Poster  
1992 Professional Nurse Trainee Award  
1993 University of Michigan School of Nursing Grant for Midwest Nursing Research Society Doctoral Student Poster  
1993 Michigan Health, Education, and Research Foundation  
1993 Sigma Theta Tau, Rho Chapter: Small Grants Award  
1993 American Nurses Foundation, Nancy Fugate Woods Scholar  
1994 University of Michigan Rackham Dissertation / Thesis Grant  
1996 University of Michigan School of Nursing Grant for Midwest Nursing Research Society Doctoral Student Poster  
1996 Midwest Nursing Research Society Outstanding Doctoral Student Poster Award  
1997 Michigan Initiative for Women’s Health, Graduate Student Award for “Innovations in Women’s Health Research,” with 1999 publication following.  
1996-1998 Post-Doctoral Fellowship, Institute of Gerontology, University of Michigan #T32 AG00114  
2003 Publishers Manuscript Award for Year 2002 of the Journal of Wound Ostomy Continence Nurses  
2003 International Continence Society 33<sup>rd</sup> Annual Meeting Award for Best Clinical Abstract (selected from over 800 submitted abstracts), first author on the abstract  
2005 International Continence Society 35<sup>th</sup> Annual Meeting First Prize for Epidemiology and Outcomes, co-author on the abstract  
2006 Book chapter received American College of Nurse Midwives 2006 Best Book of the Year Award.  
2008 University of Michigan Workplace 2008 Exemplary Team Award honoring my research team staff. 1<sup>st</sup> place out of 26 teams nominated for the \$2500 award

2008 The Albert Heim Award for research on Entlebucher Urinary Syndrome as outstanding contribution to the National Entlebucher Mountain Dog Association

2008 Best Research Poster at the Annual Meeting of the American College of Nurse Midwives. Senior author on the abstract

2008 First prize for best biomedical poster and also first prize for exemplary presentation, Undergraduate Research Opportunity Program (UROP) 2008 Spring Symposium, There were 600 students from across the University that presented and only 35 received one of the various awards. Faculty mentor of abstract.

2009 The NIDDK Symposium Clinical Research Poster Honorable Mention

2009 American Urogynecological Best Poster Award, senior author of abstract

2009 American Urogynecological Best Paper Award, senior author position on abstract

2009 The George Padgett Award for most significant contribution to health of the Entlebucher Mountain Dog

2010 American Urogynecological Society Best Clinical Paper Award, senior author position

2010 American College of Obstetrics and Gynecologists. Second place fellow scientific poster presentation, co-author on abstract

2012 American Urogynecological Society Best Clinical/Evaluation/Testing Paper Award, first author

2012 Fellow of the American Academy of Nursing

2013 ACNM Best Podium Presentation by the Division of Research, senior author

2015 Making a Difference Award, UMHS Employee Recognition

2015 Editor's Choice manuscript, American Journal Obstetrics & Gynecology

### Memberships in Professional Societies

1989-1993 Mennonite Nurses Association

1989-2003 Mennonite Health Association

1988-1990 American Public Health Association

1986-**current** American Nurses Association, ID#00239384

1988-**current** Sigma Theta Tau, Rho Chapter, ID#129849

1987-**current** Midwest Nursing Research Society, ID#00001696

1995-**current** National Association for Continence, ID#63773 (Miller)

1999-**current** Society of Urological Nurses ID#109662

1999-**current** Wound Ostomy Continence Nurses Association, ID#04052647

2003-**current** American Urogynecology Society, ID#3580

2003-**current** International Continence Society, ID#2433

2010-**current** Michigan Council of Nurse Practitioners MICNP #4704180662

2012-2017 National Organization of Nurse Practitioner Faculties

2012-**current** American Academy of Nursing ID#5160234

2012-**current** Council for the Advancement of Nursing Science

### Editorial Positions, Boards & Symposium Chair, and Peer-Review Service

### **Boards & Conference/Symposium Chair**

2004-2007 Women's Health Foundation Board of Directors  
2013-**current** International Center for Advanced Research and Training (ICART) Steering Board Member  
2017 Chair 2017 Research Symposium of the International Center for Advanced Research and Training partnering with the International Institute of Tropical Agriculture in DR Congo. (over 200 attendees)

### **NIH Grant Review Service**

2012 Health Care Delivery and Methodologies in the Nursing and Related Clinical Sciences Study Section (NRCS)  
2014 Special Emphasis Panel/Scientific Review Group 2014/05 Review Group: ZHD1 DRG-H (IN)  
2015 Special Emphasis Panel/Scientific Review Group 2015/05 Review Group: ZHD1 DSR-L (IN)

### **Ad-Hoc Journal Peer-Review Service**

2002-non-active Journal of Wound Ostomy Continence Nurses  
2003-non-active International SportMed Journal  
2005-**current** Neurourology and Urodynamics  
2005-**current** Journal of Women's Health  
2007-non-active Journal of the American Geriatrics Society  
2007-**current** International Urogynecology Journal  
2008-completed American Pharmacists Association Handbook of Non-Prescription Drugs: Chapters on Adult Urinary Incontinence and Supplies  
2008-**current** International Journal of Gynecology and Obstetrics  
2009-non-active International Journal of Clinical Practice  
2009-non-active BJU International  
2011-non-active Western Journal of Nursing Research  
2011-non-active Journal of Nursing Scholarship  
2012-**current** Journal of Urology  
2012-non-active Journal of Sex and Marital Therapy  
2012-non-active International Journal of Urological Nursing  
2013-non-active Journal of Midwifery & Women's Health  
2014-non-active European Journal of Obstetrics & Gynecology and Reproductive Biology  
2015-**current** Women's Midlife Health  
2015-**current** Nursing Research  
2016-**current** American Journal of Obstetrics & Gynecology  
2016-**current** British Journal of Obstetrics & Gynecology  
2018-**current** Scientific Reports from the publishers of Nature

### **Standing Review Service**

9/11-**current** SWAN Presentations & Papers Committee (monthly responsibilities to evaluate concept proposals, abstract and manuscript submissions for this 7-site ongoing study of 17+ years). For instance, in 2013, the 6 person committee reviewed 57 concept proposal and 35 manuscripts.

2016-2018 PLUS Dissemination Committee (monthly responsibilities to evaluate dissemination proposals, abstracts and manuscript submissions for this 7-site ongoing study since 2015).

### **Professional Organizations Review Service**

2009 Abstract Reviewer for the 2010 Wound Ostomy Continence Nurses/WCET Joint Conference  
2011 Abstract Reviewer for the 2012 Wound Ostomy Continence Nurses/WCET Joint Conference  
2017 Oversight of review committee for the 2017 International Center for Advanced Research and Training 2<sup>nd</sup> Symposium  
2018 Sigma Theta Tau Rho Chapter 2018 Abstract Reviewer

## **Teaching**

### **Courses**

\* indicates developed the course

**Bolded indicates award winning**

### **University of Louisville**

1988-1990 *Community Health Nursing, Theory and Clinical Instruction*. 8 credits,  
1989-1990 \**Gerontological Master Tract*, program grant and curriculum development. (Although I left University of Louisville prior to implementation of these courses, I was a part of the team that developed the courses, which the next year was awarded grant funding for a new masters program tract in gerontology).  
1990 \****Cultural and Health***, instruction. 3 credits. University of Louisville. (co developed this course with Gracie Wisner, the course resulted in a Grawmeyer award finalist (1989)).

### **University of Michigan**

**Student evaluations scores in parenthesis represent median class scores to the questions:**

**1. "Overall this was an excellent course"**

**2. "Overall the instructor is an excellent teacher"**

**Responses were chosen from a scale of 1 "strongly disagree" to 5 "strongly agree" (median class scores)**

Nursing N603 *Data Management, Analysis and Representation Advanced Practice in Nursing* 2 credits  
2006, sp/su (~4.4) (sole faculty),  
2007 sp/su (4.3/4.8) (sole faculty),  
2008 sp/su (4.1/4.6) (sole faculty),  
2009 sp/su (4.1/ 4.8) (sole faculty),  
2012 sp/su (3.3/4.1) (co-taught), class size was tripled and SON requested flip to web based with only 4 face-to-face sessions and only 2 weeks' notice to flip the class)  
2013 sp/su (3.1/4.1) (co-taught), class size is still triple that of 2006-2009 and required to be web based, only 4 face-to-face sessions – there is less student satisfaction with this format. The course was phased out shortly after this.

\*Nursing N543 *Pathophysiology*, 3 credit hours

2007 fall (3.0/4.1) (co-taught)  
2008 sp/su (3.6/4.7) (co-taught)  
2008 fall (3.9/4.2) (co-taught)  
2009 sp/su (4.8/4.9) (sole faculty)  
2009 fall (3.8/4.6) (sole faculty)  
2010 fall (4.6/4.9) (sole faculty)

Nursing N502 *Adv Physiology & Pathophysiology*, 4 credit hours

2012 sp/su (2.6/3.2) (co-taught) (explanation of lower evaluation scores: I co-taught this class, course size tripled from prior years, had 2 weeks-notice to prepare, room assignment and student numbers could not accommodate the small group format that had previously been the core teaching methods for this class.

Nursing N831 *Design, Methods & Analysis II*, 3 credit hours,

2014 win (4.0/4.5) (sole faculty)

Nursing N990 *Preliminary Progression*, 1 credit hour

2018 win (\*\*\*/\*\*\*) (sole faculty)

### Student Mentoring/Advising

#### Post-Doctoral Fellows

##### Time Period, Role, Name/Prior Degree, Current Position, Project

8/06 - 7/07, Mentor, Marsha Lesley, PhD, Assistant Professor, University of Michigan-Flint, *Problem-solving in beverage compliance strategies*

#### Doctoral PhD Students

##### Time Period, Role, Name/ Prior Degree, Current Position, Project

1/01-4/02 **Independent Study Instructor:** N797 , Sandy Hines, MSN, Retired: Eastern Michigan University. *Translation of incontinence research into clinical realities.*

5/06-12/07 **Research Experience Instructor,** Kelly Ackerson, MSN, Associate Professor: Western Michigan University, 2008. *Recruitment and retention of research Participants Prior to First Pregnancy, for Longitudinal Study of Childbirth and Pelvic Floor Disorders.* Paper published 2010.

8/06-5/07 **Research Experience Instructor,** Jameela Mukhaim, MSN. *The optimality index reliability and validity*

1/08-9/09 **Dissertation Committee Member and GSRA Advisor.** Ruth Zielinski, CNM. Clinical Associate Professor: University of Michigan. Dissertation Title: *Development of an instrument designed to measure body image in women experiencing pelvic organ prolapse. GSRA related manuscripts x 2, 2009. Dissertation related manuscripts x2, 2010, several abstract presentations at national conferences. Awards: a) ProQuest 2009 Distinguished Dissertation Award, 1 of 6 selected from University-wide nominations, b) Best Poster Presentation of Research 2008 Annual Meeting of The American College of Nurse-Midwives.*

12/08 **External reviewer committee for doctoral dissertation defense and external provider of accompanying major award nomination letter,** Jenny Kruger, MSc, Research

- Fellow: University of Acklund, New Zealand. Dissertation Title: *Pelvic floor muscle function in elite nulliparous athletes: Implication for childbirth*. Award: University of Auckland Vice-Chancellor's Prize for Best Doctoral Thesis.
- 9/08 **Advisor, Chair prelim committee**, Stephanie Small, MSN. First Research *HPV Vaccine Uptake Among Adult Females Utilizing Planned Parenthood Health Centers*. 2010 Spring/Summer Research Grants Program with Divya Patel as faculty advisor, Winter 2011 Mentored through preliminary exam.
- 2/09-12/17 **First project Advisor, Prelim committee chair**. Sarah Rodseth Becker, RN, CSW. Faculty Madonna University. *Influence of Beverage Intake on Overactive Bladder*. Co-author on 2 published manuscripts. [note: 3 year leave, full-time return 2016]. Successful dissertation defense December, 2017. *Book planned and one manuscript for 2018*.
- 10/12-4/13 **First project reader**, Meghan Eagen-Torkko, MSN, University of Michigan faculty. *Developing and testing an index for chart abstraction using the five pathways model of prematurity*. Advanced to prelim stage, successful dissertation defense 2015
- 09/12-12/16 **Advisor, Preliminary Exams and Dissertation Committee Chair**, Susanne Quallich, MSN. University of Michigan Hospital System Nurse Practitioner. *Men with Chronic Unexplained Genital or Groin Pain*. *Successful completion of preliminary exams*. Numerous related publications planned, Successful dissertation defense 12/2016. Sigma Theta Tau Rho Chapter Award for Excellence in Nursing Practice 2018 for direct translation of her dissertation findings into the practice arena. Numerous publications.
- 9/13-4/18 **Advisor, Dissertation Committee Chair**, Ying Sheng, MSN, *Knack Adherence*. *Book Chapter "Urinary Incontinence," Miller & Sheng, 2016*. Successful dissertation defense, 3/2018. Presentations made and additional abstracts under review 2017-2018. Four publications at various stages of submission process..
- 6/14-9/14 **External Reviewer committee for doctoral dissertation defense**, Gudrun Hilde, Oslo Norway, Norwegian School of Sports Sciences. *"Pelvic floor muscle function in pregnancy and after childbirth and the effect of postpartum pelvic floor muscle training on urinary incontinence in women with and without major defects of the levator ani muscle."* *Successful dissertation defense, with four published manuscripts*.
- 9/14-12/17 **Advisor/GSRA supervisor (2014-2017)**, Elissa Allen, MSN. *Completing course work 2016*. Successful Dissertation defense 12/2017. Planned manuscript for submission May 2018.
- 9/15-4/16 **Committee Member**, Yebin Tao, preliminary exam *"Semiparametric and Nonparametric Methods for Estimating Optimal Dynamic Treatment Regimes"* completed 12/2015 and dissertation in process, completion Spring 2016.

#### Doctoral DNP Students

##### Time Period, Role, Name/Prior Degree, Current Position

#### Research Fellows Thesis Committees

##### Time Period, Role, Name/Prior Degree, Project

- 2011 **Committee member**, Cynthia Brincat, MD, *Birth Injury and the Pelvic Floor*
- 2014 **Committee member**, Erin Cosby, MD, *Is the presence of a levator ani defect is a risk factor for recurrence of prolapse after surgery for pelvic organ prolapse*

## Masters Students

### Time Period, Role, Name/Prior Degree, Project

- 4/01-9/02 **Thesis reader**, Jeany Chang, RN, *Interrater reliability in documenting communication patterns during labor.*
- 9/02-4/04 **Thesis Advisor**, Adrienne Chow, RN, *Preliminary findings of a pilot study investigating the effects of Asian race and parity status on the function or urinary continence mechanisms.*
- 6/03-8/04 **Thesis reader**, Janet Hiser, RN, *The development of an instrument of measuring therapeutic alliance between provider and patient.*
- 2/04-12/04 **Thesis Advisor** Mary Ann Milczuk, RN, *The effect of irritating fluids on incontinence and overactive bladder function.*
- 4/04-1/05 **Thesis Advisor**, Libby Derkin, RN, *Comparing simple versus complex urethral profilometry measures of urethral pressure. (Project not completed due to technical difficulties that could not be solved).*
- 9/05-5/07 **Thesis Advisor**, Luba Sawska, RN, *Effect of caffeine reduction on overactive bladder.*  
**Award: Winner of the 2005 Dorothy Booth Research Scholarship Award to support this research project.**
- 7/07-9/07 **Mentor**, Yilin Zhang, BA, MPH, *Summer research experience in data management.*
- 1/08-8/10 **Thesis Advisor**, Anne McLeod, RN, *Learning on the Go: Testing Podcast By Ipod*
- 5/09-5/10 **Thesis Reader**, Hilary McConnachie, RN, *The relationship of physical score to an objective measure of urinary incontinence in older women.* **Products:** Authorship on two presentations: ICS 2010, AUGS2, 2010 and manuscript under review 2011.
- 5/09-8/10 **Thesis Advisor**, Rose Buckley, RN, *The placebo response in pelvic floor muscle therapy for urinary incontinence.*
- 1/11-5/12 **Thesis Advisor**, Teresa Reimer, RN, *Stop organized rape and its aftermath in the Democratic Republic of the Congo.* **Award: MNRS 2011 masters student poster selected from within the University of Michigan nominations.**
- 8/11-5/12 **Thesis Reader**, Samantha Conley, MSN, *The Relationship Between Pelvic Floor Muscle Strength to the Length of the Second Stage of Labor*
- 10/12-5/13 **Thesis Reader**, Melissa (Lemorie) Moore, RN, *Developing and testing an index to measure suspicion of oxytocin dysregulation*

## Students/Volunteers

### Time Period, Role, Name, Project

- 9/02-4/02 **UROP Advisor**, Ana Meadows, *Categorization of communication patterns during labor.*
- 11/03-4/04 **UROP Advisor**, Kiriaki Panagopoulos, *Interrater reliability and ultrasound measures.*
- 1/04-4/04 **Research Experience Advisor for Honors Program**, Julie Diepen Sarkesian, *Institutional review board: It's purpose in research and the act of applying for project approval.*
- 9/04-12/04 **N295 Advisor**, Julie Diepen Sarkesian, *Labor induced pelvic floor muscle injury and perceived body image. Co-authored manuscript.*
- 9/07-05/09 **UROP Advisor**, Vidya Chakravarthy, *Exploring caffeine intake in women with overactive bladder symptoms and mental health disorders. Student first-authored*

*manuscript published 2010. Awards: a) First prize for best biomedical poster and b) First prize for exemplary presentation, UROP Spring Symposium, 4/16/2008. There were 600 students from across the University that presented and only 35 received one of the various awards.*

- 2/09-05/12 **Advisor work study student.** Eleanor Steward. Admitted into UMSON master's program for DNP.
- 11/17-1/18 **Volunteer data manager.** Anna Leonard. Manuscript outlined for submission summer 2018.
- 10/18-5/18 **UROP Advisor,** Sana Shah,

### High School Students

#### Time Period, Role, Name, Project

- 7/2007 **Mentor,** Annah Bravo, *Genesis student*
- 7/2007 **Mentor,** Andrea Callaway, *Genesis student*

### Mentoring/Collaboration with Visiting International Scholars and Fellows

#### Time Period, Role, Name/Degree, Outcomes

- 9/98-6/99 **Co-Mentor,** Visiting Scholar, Zurich Switzerland, Danielle Perucchini, MD, *Co-author on manuscript.*
- 7/99-6/00 **Co-Mentor,** Fellow, Denise Howard, MD, *Co-author on manuscript and abstract/presentation*
- 7/00-6/01 **Co-Mentor,** Visiting Scholar, India, Pranathi Reddi, MD, *Co-author on abstract/presentation*
- 4/01-7/01 **Co-Mentor,** Visiting Scholar, Thailand, Yuwadee Leucha, PhD, RN, **Co-Mentor,** *Co-author on poster presentation*
- 7/02-6/04 **Co-Mentor,** Fellow, Dan Morgan, MD, *Co-author on manuscript*
- 7/03-6/04 **Co-Mentor,** Ireland, Rohna Kearney, MD, *Co-author on manuscripts*
- 1/03-6/03 **Co-Mentor,** Visiting Scholar, Austria, Wolfgang Umek, MD, *Co-author on manuscript*
- 1/06-8/07 **Co-Mentor,** Maternal Fetal Medicine Fellow, Jen Williams, MD, *Grant application: Reliability and validity of 3- and 4-D ultrasound of the pelvic floor, unfunded*
- 5/06-8/07 **Co-Mentor,** Maternal Fetal Medicine Fellow, Ryan Longman, MD, *Co-author on abstracts x 2*
- 9/08-05/10 **Co-Mentor,** Visiting Scholar, Aisha Yousef, MD, *Co-author on manuscript. Award: Best Post Award American Urogynecology Society, 2009.*
- 9/08 – 6/011 **Co-Mentor,** Urogynecology Fellow, Cynthia Brincat, Urogynecology Fellow. *Co-Author on abstracts x 2 and manuscripts x 2*
- 9/11-5/12 **Co-Mentor,** Urogynecology Fellow, Mitch Berger, MD, *Co-author on abstract x1 and manuscript x 1. Award: Second place fellow scientific poster presentation of the American College of Obstetrics and Gynecologists, MI section, annual junior fellow research day, 2010*
- 2012-2013 **Co-Mentor,** Visiting Scholar, Cornelia Berschart, MD, *Co-author on manuscript*
- 2013-2014 **Mentor,** Visiting Scholar, Beoun Kwon, PhD RN, *Co-PI grant submission (unfunded)*
- 2015-current **Mentor,** Visiting Scholar, Alain Mukwege, MD, *Co-PI grant submission African Studies Research Institute 2017 (Genital body image and labia minora elongation.)*

2019 (planned) **Mentor**, Visiting Scholar, Gisela Assis, continence nurse, PhD candidate, Brazil, South America.

#### **International Thesis/Dissertation Committees/Mentoring**

- 6/14-9/14 **External Reviewer committee for doctoral dissertation defense**, Gudrun Hilde, Oslo Norway, Norwegian School of Sports Sciences. *“Pelvic floor muscle function in pregnancy and after childbirth and the effect of postpartum pelvic floor muscle training on urinary incontinence in women with and without major defects of the levator ani muscle.”* Successful dissertation defense, with four published manuscripts.
- 2013-2015 **Mentoring**, Denis Mukwege, MD, Panzi Hospital, Democratic Republic of Congo. *Co-authored manuscript as one of four manuscripts required for successful dissertation completion at Leuven University, Belgium, Summer 2015. Manuscript accepted for publication 2018.*

#### **Mentoring/Collaboration with Junior Faculty** **Time Period, Role, Name/Degree, Outcomes**

- 9/04-5/06 Gwi Ryung Son, PhD, Assistant Research Scientist, *Asian continence evaluation studies grant*, promotion to Associate Tenure Line, Korea.
- 9/04-1/06 Siobhan Armstrong, PhD, Research Investigator, *Co-author on manuscript.*
- 9/06-5/14 Lisa Kane Low, PhD, Assistant Research Scientist, *MICHIN funded 2007, CTSA funded March 2007, R03 funded January 2011, Co-author on multiple manuscripts.*
- 9/05-7/07 Sandy Hines, PhD, Research Investigator, *Co-author Book chapter*, promotion to Assistant Professor, Eastern Michigan University.
- 2/08-5/11 Kristin Tomey, PhD, Assistant Research Scientist, Epidemiology (under the auspices of the formal mentoring program at SPH), *K award application, Spring 2010.*
- 9/09-5/14 Ruth Zielinski, Assistant Professor, Western Michigan University. *Multiple manuscripts in press and under review*, early promotion to Clinical Associate Professor.
- 2010-2012 Sandi Tenfelde, Assistant Professor, Loyola University of Chicago, *K-submission 2013, resubmitted March 2015. Awards: Loyola External Mentorship Program award 2010. MNRS mentorship award 2011.*
- 2016-current Erin Kahle, Assistant Professor, School of Nursing. SVRI grant proposals, World Bank proposal (funded 2017) and travel to Congo for exploration in role with International Center for Advanced Research and Training.
- 2017-current Megan Schimpf, Clinical Associate Professor, School of Medicine, OAB grant proposal, submitted NIDDK June 2017 and declined, resubmitted to Blue Cross Blue Shield with acceptance 2018, .

#### **Invited Internal Teaching Presentations (On Campus)**

- 11/26/01 Incontinence. N566: Adult Nurse-Practitioner and Family Nurse-Practitioner, University of Michigan
- 6/12/01 Measures and Measurements. Michigan and San Antonio Collaborative Project. Ann Arbor, Michigan

- 11/30/02 Behavioral Therapies For Pelvic Floor Tone and Incontinence. 10<sup>th</sup> Annual Primary Health Care of Women, University of Michigan Medical School
- 11/21/02 Incontinence. N566: Adult Nurse-Practitioner and Family Nurse-Practitioner, University of Michigan
- 11/21/03 Incontinence. N566: Adult Nurse-Practitioner, Family Nurse-Practitioner, and Midwifery, University of Michigan
- 3/12/04 Choosing Among the Behavioral Therapies for Incontinence: Finding The Problem and Targeting The Care. OB/GYN Postgraduate Course, Annual Clinical Update in Obstetrics and Gynecology, University of Michigan Medical School, Ann Arbor, MI, Towsley Center
- 3/25/04 The Wondrous Pelvic Floor (on Urinary/Anal Incontinence and Prolapse). Women's Studies 400, Women's Reproductive Health, University of Michigan, Ann Arbor, MI
- 12/3/04 Childbearing-Associated Risks And Strategies For The Prevention And Management of Pelvic Floor Disorders. 13<sup>th</sup> Annual Primary Health Care of Women, University of Michigan, Medical School
- 12/2/05 Behavioral Treatment for Urinary Incontinence. 14<sup>th</sup> Annual Primary Health Care of Women, University of Michigan Medical School
- 12/2/05 The Practical Application Of Conservative Interventions For Urinary Incontinence. 14<sup>th</sup> Annual Primary Health Care of Women, University of Michigan Medical School
- 11/21/05 Incontinence. N566: Adult Nurse-Practitioner, Family Nurse-Practitioner, and Midwifery, University of Michigan
- 11/21/06 Incontinence. N566: Adult Nurse-Practitioner, Family Nurse-Practitioner, and Midwifery, University of Michigan
- 1/30/07 Methodological Issues Arising in Studying Pelvic Floor Disorders. EPID 550: Graduate students, University of Michigan
- 4/20/07 Interdisciplinary Research. WS605: Doctoral students in Nursing, Public Health, Clinical Psychiatry, Sociology, University of Michigan
- 2/19/08 Methodological Issues Arising in Studying Pelvic Floor Disorders. EPID 550: Graduate students, University of Michigan
- 10/30/08 Incontinence. N566: Adult Nurse-Practitioner, Family Nurse-Practitioner, and Midwifery, University of Michigan
- 12/4/09 Case-Based Teaching on Incontinence Care: Clinical Visit 1, 2, and 3. 18<sup>th</sup> Annual Primary Health Care of Women, University of Michigan Medical School

- 4/6/10 Discovering the Mechanism: Applying New MRI Technology to the Ancient Problem of Childbirth-Related Maternal Injury. School of Nursing Dean's Lecture and Research Day, University of Michigan
- 12/6/11 Incontinence Management in Primary Care. Family Medicine Resident Women's Health Day, University of Michigan Medical School
- 4/10/13 Data management for the Clinician. University of Michigan Medical School fellows and FPMRS attendings
- 5/8/13 How to Talk to a Statistician. University of Michigan Medical School fellows and FPMRS attendings
- 4/3/14 School of Nursing Dean's Lecture and Research Day, Why Launch an International Center for Advanced Research and Training in the Democratic Republic of Congo
- 11/1/16 Launching an International Center for Advanced Research and Training in the Democratic Republic of Congo" Global Partnerships  
Guest lecture for Introduction to Global health Nursing N420
- 12/16/16 Physical therapy for incontinence- If Kegel exercise fails? University of Michigan Health System Annual Women's Health Day.
- 11/28/17 Guest lecture for Introduction to Global Health-Nursing N420
- 1/17/18 One scientist's journey in shifting paradigms. Lunch & Learn, School of Nursing Staff Seminar
- 2/2018 Confident Bladder, implementation science. University of Michigan Medical School Fellows and urogynecology physicians

## **Committee, Organizational, and Volunteer Service**

### **School of Nursing**

- 9/00-5/03 Chair of School of Nursing Assistant Research Scientists (SONARS)  
University of Michigan, School of Nursing, Ann Arbor, MI
- 9/06-5/07 Design Team: Division II Committee on Goals Implementation
- 9/06-5/07 Grants and Research Office (GRO) Advisory Committee
- 9/07 Reviewer doctoral student abstracts to SON for consideration for MNRS
- 9/07-5/10 Doctoral student admissions committee
- 9/07-5/13 School of Nursing Provider Review Board Credentialing Committee
- 9/07-5/08 Search Committee for Associate Dean of Research
- 9/08-5/09 Bylaws Revisions Committee
- 9/09-5/10 School of Nursing Research Day Committee
- 9/09-5/11 Senate Assembly Representative (alternate)

9/11-5/13 New Building Research Space Project Design Team  
 9/11 Bylaws Revisions Committee  
 9/11 Judge for the MNRS poster competition for doctoral students  
 9/11-5/16 Parliamentarian  
 9/12-current Tenure Packet Internal Reviewer (typically one annually)  
 9/12-5/13 Ad Hoc Committee on Ad Hoc Committees  
 9/12-5/13 Hillman Scholars presentation and Hillman Integration Meeting  
 9/13 Honest Broker Services Committee, nursing research needs with electronic chart  
 9/13 MNRS Student Abstracts Reviews  
 9/13 (tied for election as Faculty Chair, waived the privilege and continued as  
 parliamentarian in full agreement with the other faculty member)  
 9/15-2017 Executive Committee  
 9/17-current Culture Champions Committee

**University**

9/88-5/89 Faculty Search Committee, University of Louisville, KY  
 9/88-5/90 Committee on Students, University of Louisville, KY  
 9/89-12/89 Chairperson, Multilateral Project Health Committee Task Force,  
 University of Louisville, KY  
 9/89-5/90 School of Nursing Alumni Committee, University of Louisville, KY  
 9/92-5/93 Chair of Doctoral Student Organization, University of Michigan, School of  
 Nursing, Ann Arbor, MI  
 9/07-5/09 Executive Committee at the Institute for Research on Women and Gender  
 9/08-5/09 Grant Reviewer Institute for Research on Women and Gender Community of  
 Scholars Review Committee and Gender Seed grant  
 9/09-5/12 Senate Assembly substitute member  
 9/09- University of Michigan, School of Nursing Provider Review Board  
 (credentialing unit)  
 9/11-5/12 Grant Reviewer Institute for Research on Women and Gender Sisters grant and  
 Faculty Seed grant  
 2013 Nursing Research Scope Requirements for MiChart Committee  
 2013 Vice Provost Committee on Team Science  
 2015 International Institute Study Fellowship reviewer

**Consulting/Affiliations**

10/01-10/02 Wound Ostomy Continence Nurses Society Clinical Practice Committee on  
 Urinary Incontinence Practice Guidelines  
 1/4/06 Watson Pharma, Inc., Overactive Bladder (OAB) Advanced  
 Practice Advisor  
 1/04-12/05 Distinguished Faculty Member of Collaboration to Support Urinary  
 Incontinence and Women's Health (CSUIWH) jointly sponsored by the  
 Annenberg Center for Health Sciences at Eisenhower and CogniMed, Inc.  
 12/04 Simon Foundation Think Tank on Vaginal Delivery versus Elective  
 C-section as women's choice in effort to prevent pelvic floor disorders,

Chicago, IL.  
8/06 Ockham Development Group advising a sponsor/client in designing a clinical study that compares a Reflex Cough test to graded valsalva  
9/06-8/11 SWAN New Study Committee  
2007-2011 Women's Health Foundation Medical Advisory Board  
12/07 GlaxoSmithKline/AstellasPharma US Advanced Practice Advisory Board  
11/07/09 BRIDGES Executive Committee and Publications/Presentations Committee  
12/09 Johnson & Johnson, study design  
2011-2014 *Confidential*, licensing opportunities

## Visiting Professorships, Seminars, Extramural Invited Presentations

### Extramural Invited Teaching Presentations

2/4-7/99 Pelvic Muscle Rehabilitation. WOCN 1999 Continence Conference, Austin, TX  
1/13-16/00 Advanced Concepts in Female Pelvic Anatomy. The National Multispecialty Conference on Urinary Incontinence, SUNA, Nashville, TN  
6/4-8/00 Behavioral Therapies for Incontinence. Wound Ostomy Continence Nurses Annual Conference, Toronto, Ontario, Canada  
6/2-6/01 Kegel's Exercises: Are They for Everyone? Wound Ostomy Continence Nurses Annual Conference, Portland, OR  
2/7/04 Using Real Time Ultrasound for the Assessment of Pelvic Floor Dysfunction. American Physical Therapy Association, Section on Women's Health, Nashville, TN  
3/18-20/04 The Wondrous Pelvic Floor. Society of Urological Nurses and Associates (SUNA) Annual Symposium, Chicago, IL  
6/6/04 The Bothersome Lower Urinary Track (Anatomy and Physiology). National WOCN Conference/Convention, Tampa, FL  
7-8/04 SUI: Important, Prevalent, Treatable. Annenberg Center for Health Sciences at Eisenhower and CogniMed, Inc. Alpena General Hospital, July 29, 2004; Grayling General Hospital, July 21, 2004; St. Joseph Mercy Hospital, Mercy Center, August 12, 2004  
3/2-5/05 Pelvic Floor Assessment: What Happens When Life Impacts on the Pelvic Floor? Society of Urological Nurses and Associates (SUNA) Annual Symposium, Chicago, IL

- 5/17/05 A Closer Look: Optimizing the Management of Stress Urinary Incontinence in Primary Care Practice. Annenberg Center for Health Sciences at Eisenhower and CogniMed, Inc., Eaton Rapids Medical Center
- 6/12/05 Integrating Pelvic Floor Muscle Rehabilitation Into Routine WOC Nursing Practice. Wound Ostomy Continence Nurses Society (WOCN) 37<sup>th</sup> Annual Conference, Las Vegas, NV
- 6/13/05 The Wondrous Pelvic Floor: What We Know About Maintaining Its Integrity. Association of Women's Health, Obstetric and Neonatal Nursing (AWOHN), Salt Lake City, Utah
- 9/29/07 An Update on Behavioral Therapies for Incontinence. Association of Women's Health, Obstetric and Neonatal Nursing (AWOHN). Wound Ostomy Continence Nurses Society, (WOCN) Regional Conference
- 9/28/09 Evidence Base for the Knack Therapy. International Continence Society Annual Conference, Workshop
- 7/24/13 Office Hours: Work-shopping Research Ideas Day Long Teach-In. International Center for Advanced Training and Research
- 8/21/14 Introductory/Welcome Keynote. 2014 Symposium of the International Center for Advanced Training and Research
- 2/2016 Research Initiatives: Co-faculty (with Denis Mukwege) for 2-day course for Fistula Care Providers, Panzi Hospital
- 8/2016 Data Management Training, International Center for Advanced Research and Training
- 1/10/17 Guest speaker to High School AP Literature class to talk about my work in the Congo, and Heart of Darkness book portrayal of Congo. Chelsea Michigan
- 5/2017 Research Initiatives: Co-faculty (with Denis Mukwege) for 2-day course for Fistula Care Providers, Panzi Hospital
- 11/2017 International Continence Society Guest Lecturer (3 formal presentations and numerous informal mentoring interactions) for the XII Congresso Associação Brasileira de Estomatoterapia (SOBEST). Brazil

### **Extramural Refereed Presentations**

**(bold = award winning),** \*International presentations

- 4/2-4/89 **Miller J.** Reliability and validity of an incontinence monitoring record. MNRS 13<sup>th</sup> Annual Research Conference, Cincinnati, OH

- 3/27-30/93 **Miller J.** Comparative analysis of pelvic muscle function: design of a study. MNRS 17<sup>th</sup> Annual Research Conference, Cleveland, OH
- 4/22/95 Ashton-Miller J, **Miller J**, DeLancey J, Huegli S, Sampsel C. Utilizing recent insights into the biomechanics of stress urinary incontinence of the oasis trial. Fourth Annual Meeting of the Claude Pepper Centers, Washington, DC
- 8/27-30/96 \***Miller J**, Ashton-Miller JA, DeLancey JOL. The knack, a precisely-timed pelvic muscle contraction can reduce leakage in stress urinary incontinence. International Incontinence Society, Athens, Greece
- 11/17-21/96 **Miller J**, Ashton-Miller JA, DeLancey JOL. The knack, a precisely-timed pelvic muscle contraction can reduce leakage in stress urinary incontinence. The Gerontological Society of America 49<sup>th</sup> Annual Scientific Meeting, Washington, DC
- 9/23-26/97 \*Perucchini D, DeLancey J, **Miller J**, Carchidi L, Krajewski K, Ashton-Miller J. A levator ani precontraction significantly reduces bladder neck descent during coughing in women with SUI. International Continence Society, Yokohama, Japan
- 9/23-26/97 \*Ashton-Miller J, **Miller J**, Carchidi L, DeLancey J. An experimental intervention for mild SUI: urination diary results differ from standing clinical stress test results. International Continence Society, Yokohama, Japan
- 9/23-26/97 \***Miller J**, Ashton-Miller J, Carchidi L, DeLancey J. Does a three-month pelvic muscle exercise intervention improve the effectiveness of the knack in reducing cough-induced urine loss on a standing stress test. International Continence Society, Yokohama, Japan
- 11/14-18/97 Perucchini D, DeLancey J, **Miller J**, Carchidi L, Krajewski K, Ashton-Miller J. A levator ani precontraction significantly reduces bladder neck descent during coughing in women with SUI. Gerontological Society of America 50<sup>th</sup> Annual Scientific Meeting, Cincinnati, OH
- 11/14-18/97 Ashton-Miller JA, **Miller J**, Carchidi L, DeLancey JOL. An experimental intervention for mild SUI: Urination diary results differ from standing clinical stress test results. Gerontological Society of America 50<sup>th</sup> Annual Scientific Meeting, Cincinnati, OH
- 11/14-18/97 **Miller J**, Ashton-Miller J, Carchidi L, DeLancey J. Does a three-month pelvic muscle exercise intervention improve the effectiveness of the knack in reducing cough-induced urine loss on a standing stress test. The Gerontological Society of America 50<sup>th</sup> Annual Scientific Meeting, Cincinnati, OH
- 9/25-28/97 Perucchini D, DeLancey J, **Miller J**, Carchidi L, Krajewski K, Ashton-Miller J. A levator ani precontraction significantly reduces bladder neck descent during coughing in women with SUI. American Urogynecologic Society, Tucson, AZ

- 9/25-28/97 **Miller JM**, Ashton JA, DeLancey JOL. The quantitative paper towel test for measuring stressed-related urine loss. American Urogynecologic Society, Tucson, AZ
- 9/5-28/97 **Miller JM**, Ashton-Miller JA, Carchidi L, DeLancey JOL. An experimental intervention for mild SUI: Urination diary results differ from standing clinical stress test results. American Urogynecologic Society, Tucson, AZ
- 10/14-16/99 Howard D, **Miller J**, Ashton-Miller J, Delancey J. Vesical neck mobility differs with valsalva maneuver and cough effort in continent women. American Urogynecologic Society Annual Research Conference, San Diego, CA
- 3/31-4/3/00 Sampsel C, Hines S, Mupepi S, Small Y, **Miller J**, Antonakas C. Incidence of de novo stress urinary incontinence in primiparous women. MNRS 24<sup>th</sup> Annual Research Conference, Dearborn, MI
- 3/31-4/3/00 **Miller J**, DeLancey J, Ashton-Miller J, Sampsel C. Resting and coughing bladder neck position is significantly more caudal post childbirth in primigravid women followed to 6 months post-partum. MNRS 24<sup>th</sup> Annual Research Conference, Dearborn, MI
- 4/8/00 \*Reddi P, DeLancey J, **Miller J**, Ashton-Miller J. Vector based assessment of vesical neck motion. International Continence Society (UK) Belfast Conference 2000, 7<sup>th</sup> Annual Meeting
- 1/23/01 \*Luecha Y, Fischer K, Miller L, **Miller J**, Antonakas C, Sampsel C. Verbal communication during second stage of labor when pushing is spontaneous vs. directed. Chiang Mai, Thailand conference Improving Life through Health Promotion: Nurses Making a Difference, Chiang Mai, Thailand
- 3/2-5/01 Sampsel C, Luecha Y, Fischer K, **Miller J**. Provider communication during second stage labor predicts spontaneous versus directed pushing. MNRS 25<sup>th</sup> Annual Research Conference, Cleveland, OH
- 10/17-19/01 Howard D, DeLancey JOL, **Miller J**, Ashton-Miller J. Functional differences in continence mechanism of Asian, African-American and Caucasian nulliparas. American Urogynecologic Society Annual Conference, Chicago, IL
- 10/17-19/02 DeLancey J, **Miller J**, Howard D, Guire K, Ashton-Miller J. Continence mechanism abnormalities associated with new stress incontinence following first vaginal birth are multifactorial. American Urogynecologic Society Annual Research Conference, San Francisco, CA
- 10/17-19/02 **Miller J**, Sampsel C, Antonakas C, DeLancey J. De Novo UI demonstrable during pregnancy predicts severity of UI symptoms postpartum. American Urogynecologic Society Annual Research Conference, San Francisco, CA

- 4/4-7/03 Sampselle C, **Miller J**, Antonakos C, Morris C, Sedman R, Tolbert, M. Balancing scientific integrity and subject burden in a longitudinal study of pelvic floor health: the PERL RCT. MNRS 27<sup>th</sup> Annual Research Conference, Grand Rapids, MI
- 10/5-9/03 **\*Miller JM, Umek WH, DeLancey JO, Ashton-Miller JA. Pubococcygeal muscle integrity and urethral pressure increase during pelvic muscle contraction. International Continence 33<sup>rd</sup> annual Meeting Society, Florence, Italy**
- 5/29-6/3/04 Kane-Lowe L, Seng J, **Miller J**. Application of the optimality index. 48<sup>th</sup> Annual Meeting of the American College of Nurse-Midwives New Orleans, LA
- 7/29-31/04 Fenner DE, **Miller JM**, Morgan DM, Hsu Y, DeLancey JOL. What is normal? Values of pelvic floor testing in asymptomatic research volunteers. Joint Scientific Meeting of the American **Urogynecologic Society** and The Society of Gynecologic Surgeons, San Diego, CA
- 7/29-31/04 Thomason AD, DeLancey JOL, **Miller JM**, Fultz NH. Reliability of self-reports of incontinence in a population-based telephone interview when compared to diagnosis after a clinical evaluation. Joint Scientific Meeting of the American Urogynecologic Society and The Society of Gynecologic Surgeons, San Diego, CA
- 11/19-23/04 Bliss D, Norton C, **Miller J**, Krissovic M. Directions for Future Nursing Research on Fecal Incontinence. 57<sup>th</sup> Annual Scientific Meeting of the Gerontological Society of America. Washington DC
- 9/5-9/05 **\*Thomason AD, Fenner DE, Fultz NH, Low LK, Miller JM Tumbarello JA, DeLancey JOL. Women's changing reports of urinary continence: How accurate are one-time telephone questionnaires for categorizing continence status? International Continence 34<sup>th</sup> Annual Meeting Society, Montreal, Canada**
- 9/15-17/05 Fenner DE, Thomason AD, **Miller JM**, Fultz NH, DeLancey, JOL. Bowel Control in Black and White Community Dwelling Women. American Urogynecologic Society, Annual Research Conference, Atlanta, GA
- 10/19-21/06 Fultz NH, **Miller JM**, Howard D, Thomason AD, DeLancey JOL, Fenner DE. Establishing the Prevalence of Incontinence (EPI) Study: Racial differences in women's patterns of urinary incontinence. American Urogynecologic Society Annual Research Conference, Palm Springs, CA
- 10/19-21/06 Fenner DE, **Miller JM**, Fultz N, Thomason AD, DeLancey JOL. Racial differences in lower urinary tract function in women with and without self-reported urinary incontinence. American Urogynecologic Society Annual Research Conference, Palm Springs, CA

- 10/19-21/06 **Miller J**, Son GR, Guire K, Tolbert M, Park L, Misiunas R. Predicting who will succeed in reducing incontinence by learning to preemptively contract the pelvic floor muscles at the moment of leakage provocation. American Urogynecologic Society Annual Research Conference, Palm Springs, CA
- 10/19-21/06 Trowbridge ER, Morgan DM, Tumbarello J, **Miller JM**, Ashton-Miller JA, DeLancey JOL. Functional, structural and anatomic differences between women with stress urinary incontinence and continent women. American Urogynecologic Society Annual Research Conference, Palm Springs, CA
- 2/5-8/07 Longman R, **Miller JM**, Sampsel C. The Effect of Vaginal Childbirth on Pelvic Floor Descent, Society for Maternal-Fetal Medicine, San Francisco, CA
- 3/23-26/07 **Miller JM**. Symptom response of overactive bladder to reduction in intake of “irritating” fluids. Midwest Nursing Research Society 2007 Annual Research Conference, Omaha, NE
- 3/23-26/07 Lowe L, **Miller J**. Promoting optimal childbearing outcomes using evidence based care in second stage. Midwest Nursing Research Society 2007 Annual Research Conference, Omaha, NE
- 3/28-31/08 **Miller J**, Brandon C, Huebner M, Kane-Low L, DeLancey J. Early findings by MRI of levator ani muscle injury after high risk vaginal birth. Midwest Nursing Research Society 2007 Annual Research Conference, Indianapolis, IN
- 4/13-18/08 Brandon C, **Miller J**. Muscle injury and healing after high risk vaginal delivery: acute and chronic appearance of the levator ani muscles. American Roentgen Ray Society 108th annual meeting, Washington DC
- 5/23-29/08 **Zielinski R, Low L, Tumbarello J, Miller J. Development of an instrument designed to measure body image in women experiencing pelvic organ prolapsed. Best Research Poster Award Annual Meeting of the American College of Nurse Midwives, Boston, MA**
- 9/4-6/08 **Miller J**, Brandon C, Kane-Low L, Ashton-Miller J, DeLancey J. Findings by MRI of injury and recovery of the levator ani muscle and surrounding structures after high risk vaginal birth. American Urogynecologic Society 29th Annual Scientific Meeting, Chicago, IL
- 9/4-6/08 Brincat C, Lewicky-Gaupp C, Patel D, Sampsel C, **Miller J**, Fenner D, Bowel symptoms in a longitudinal cohort of women during pregnancy and postpartum. American Urogynecologic Society 29th Annual Scientific Meeting, Chicago, IL
- 10/3-6/08 Tolbert M, Chakravarthy V, **Miller JM**. Exploring caffeine intake in women with oab and mental health disorders. Society of Urological Nurses and Associates 39<sup>th</sup> Annual Conference, Philadelphia, PA

- 1/7–9/09 **Miller J, Park L, Tolbert M, Ashton-Miller J, DeLancey J. Short term response to Knack therapy (no dedicated muscle strengthening) for treatment of incontinence. NIDDK New Research Directions for Urinary Incontinence Symposium, Washington D.C.**
- 1/26-31/09 Longman R, **Miller JM**, Vahratian AM, Sampsel C. Rate of postpartum hemorrhage in obese but otherwise healthy primigravid women. Society for Maternal-Fetal Medicine, San Diego, CA
- 3/30-4/1/09 Yousuf A, DeLancey JO, Brandon CJ, **Miller JM**. Pelvic floor recovery in primiparous women at 1 month compared to 7 months after vaginal delivery. Society of Gynecologic Surgeons, New Orleans, LA
- 4/26-5/1/09 Brandon C, Jacobson J, **Miller J**. Patterns of bone injury and healing after high risk vaginal delivery compared to caesarian section: Acute and chronic appearance of the pubic bone. American Roetgen Ray Society, Boston, MA
- 5/22–25/09 Zielinski R, Low L, **Miller JM**. Genital body image and sexual health after childbirth. American College of Nurse Midwives Annual Meeting, Seattle, WA
- 4/26-5/1/09 Brandon C, Jacobson J, **Miller J**. Patterns of bone injury and healing after high risk vaginal delivery compared to caesarian section: Acute and chronic appearance of the pubic bone. American Roetgen Ray Society, Boston, MA
- 6/3-6/09 \*North C, Kruger JM, Venta PJ, **Miller JM**, Rosenstein DS, Randall EK, Fitzgerald SD, Estero FL. Clinical and Genetic Characterization of a congenital Entlebucher mountain dog urinary tract syndrome. American College of Veterinary Internal Medicine (ACVIM), Montreal, Canada
- 6/11-14/09 \*Brandon C, Jacobson J, **Miller JM**. Patterns of Bone and Muscle Injury after High Risk Vaginal Delivery Compared to Caesarian Section. European Society of Skeletal Radiology, 36th Annual Scientific Meeting. Genoa Italy
- 9/24-26/09 **DeLancey JOL, Fenner DE, Guire K, Patel D, Howard D, Miller JM. Differences in urethrovesical function between community dwelling black and white women with and without incontinence: the EPI study. American Urogynecologic Society 30th Annual Scientific Meeting, Hollywood, FL**
- 9/24-26/09 Brincat C, DeLancey J, **Miller J**. Do levator strength and urethral closure pressures differ between primiparous women with and without levator ani muscle defects? American Urogynecologic Society 30th Annual Scientific Meeting, Hollywood, FL
- 9/24-26/09 Zielinski R, Ashton-Miller JA, DeLancey JO, **Miller JM**. Measurement of female maximum isometric levator ani muscle strength unconfounded by intraabdominal pressure. American Urogynecologic Society 30th Annual Scientific Meeting, Hollywood, FL

- 9/24-26/09 Low L, Zielinski R, **Miller JM**. Mapping of **obstetrical** factors with levator ani changes on MRI in the early weeks post complex vaginal birth in primiparous women. American Urogynecologic Society 30th Annual Scientific Meeting, Hollywood, FL
- 9/24-26/09 **Yousuf A, DeLancey JO, Brandon CJ, Miller JM. Pelvic floor recovery in primiparous women at 1 month compared to 7 months after vaginal delivery. American Urogynecologic Society 30th Annual Scientific Meeting, Hollywood, FL**
- 9/29– 10/3/09 **\*Miller JM**, Park L, Tolbert M, Ashton-Miller J, DeLancey J. Short term response to Knack therapy (no dedicated muscle strengthening) for treatment of incontinence. International Continence Society 39<sup>th</sup> Annual Meeting, San Francisco, CA
- 9/29– 10/3/09 **\*Zielinski R, Ashton-Miller JA, DeLancey JO, Miller JM**. Measurement of female maximum isometric levator ani muscle strength unconfounded by intraabdominal pressure. International Continence Society 39<sup>th</sup> Annual Meeting, San Francisco, CA
- 9/30–10/2/10 Brincat C, Brandon C, Low LK, Ashton-Miller JA, DeLancey JO, **Miller JM**. Pelvic floor symptoms and recovery after primiparous vaginal deliveries with known risk factors for levator ani injury. American Urogynecologic Society, Long Beach, CA (read by title)
- 8/23-27/10 **\*Brincat C, Brandon C, Kane-Low L, Ashton-Miller JA, DeLancey JO, Miller JM**. Pelvic floor symptoms and recovery after primiparous vaginal deliveries with known risk factors for levator ani injury. International Continence Society, Toronto, Canada
- 8/23-27/10 **\*Miller JM**, Guo Y, DeLancey JO, Fenner, D. Diary data subjected to cluster analysis of intake/output/void habits with resulting clusters compared by continent status, age, race. International Continence Society, Toronto, Canada
- 8/23-27/10 **\*Miller JM**, McConnachie H, Ashton-Miller JA, Sampselle C. On the relationship between objective measures of urinary incontinence and physical activity in older women. International Continence Society, Toronto, Canada
- 8/23-27/10 **\*Zielinski R, Kane Low L, Miller J**. Validity and reliability of the genital self image scale. International Continence Society, Toronto, Canada
- 8/23-27/10 **\*Zielinski R, Kane Low L, Miller J**. The relationship between pelvic organ prolapse, genital body image, and sexual health. International Continence Society, Toronto, Canada

- 8/23-27/10 \*Berger M, Fenner D, Patel D, **Miller JM**, DeLancey JO. Racial differences in healthcare seeking and treatment in community-dwelling women with urinary incontinence. International Continence Society, Toronto, Canada. **National Presentations Award winning second place fellow scientific poster presentation of the American College of Obstetrics and Gynecologists, Michigan section, annual junior fellow research day, 2010**
- 9/30-10/2/10 **Miller JM**, Guo Y, DeLancey JO, Fenner, D. Diary data subjected to cluster analysis of intake/output/void habits with resulting clusters compared by continence status, age, race. American Urogynecologic Society, Long Beach, CA
- 9/30-10/2/10 **Miller JM**, McConnachie H, Ashton-Miller JA, Sampsel C. On the relationship between objective measures of urinary incontinence and physical activity in older women. American Urogynecologic Society, Long Beach, CA
- 9/30-10/2/10 Zielinski R, Kane Low L, **Miller J**. Validity and reliability of the genital self image scale. American Urogynecologic Society, Long Beach, CA
- 9/30-10/2/10 Zielinski R, Kane Low L, **Miller J**. The relationship between pelvic organ prolapse, genital body image, and sexual health. American Urogynecologic Society, Long Beach, CA
- 9/30-10/2/10 Berger M, Fenner D, Patel D, **Miller JM**, DeLancey JO. Racial differences in healthcare seeking and treatment in community-dwelling women with urinary incontinence. American Urogynecologic Society, Long Beach, CA
- 9/30-10/2/10 **Low LK, Miller JM, Sampsel C. Prevention of post partum urinary incontinence using perineal massage, spontaneous pushing and muscle training. Obstet Gynecol. American Urogynecologic Society, Long Beach, CA**
- 11/9/10 **Miller JM**, Park, L, Tolbert M, Misiunas R, Ashton-Miller, JA, DeLancey J. Sustainability of response to the Knack Maneuver for urinary incontinence at 1 year. 7th Annual Interdisciplinary Women's Health Research Symposium held at the Masur Auditorium in the Clinical Center at NIH
- 3/26/11 Low LK, Zielinski R, **Miller JM**. Risk of Levator Ani Injury and Pelvic Floor Damage Post First Complex Vaginal Birth. Midwest Nursing Research Conference, Columbus, OH
- 3/26/11 Low LK, Robles C, **Miller JM**. Perineal Changes during Second Stage Labor and Genital Tract Trauma: The Final Stretch. Midwest Nursing Research Conference, Columbus, OH
- 4/12-13/11 Reimer T, **Miller JM**. "Informational website on conflicted-related health factors in DRC. Midwest Nursing Research Conference, Dearborn, MI., **Awarded the internal U. of M. School of Nursing competition for entry at MNRS.**

- 8/29–9/2/11 \*Misiunas R, **Miller JM**. Feasibility study for evaluating levator ani tear status after second vaginal delivery. International Continence Society, Glasgow, UK
- 9/12–15/12 **Miller J**, Park L, Tolbert M, Misiunas R, DeLancey J. Sustainability of response to Knack maneuver for urinary incontinence. Council for the Advancement of Nursing Science Annual Meeting, Washington D.C.
- 10/3–6/12 Low LK, Zielinski R, Tao Y, Brandon C, **Miller J**. Identification of sensitive predictors of levator ani tear during first complex vaginal delivery. American Urogynecologic Society, Chicago, IL
- 10/3–6/12 Zielinski R, Low LK, **Miller J**. Assessment of genital body image in women post complex vaginal birth using the vaginal changes sexual and body esteem scale. American Urogynecologic Society, Chicago, IL
- 10/3–6/12 **Miller J, Brandon C, Low LK, Ashton-Miller J, DeLancey J. Evaluating maternal recovery from labor and delivery (EMRLD): serial MRI to reveal levator ani structural injury and healing patterns. American Urogynecologic Society, Chicago, IL. Best Clinical/Evaluation/Testing Paper Award.**
- 10/10-13/12 **Miller J**, Low LK, Brandon C. Evaluating Maternal Recovery from Labor & Delivery (EMRLD): Pelvic muscle MRI at 6 weeks and 7 months postpartum reveals significant Kegel muscle tears in women with at risk complex births but not in low risk control women. American Academy of Nursing 39<sup>th</sup> annual meeting. Washington, D.C.
- 5/30/13 **Low LK, Zielinski R, Tao Y, Brandon C, Miller, JM. Predictors of levator ani tear severity level in primiparous women during vaginal delivery. American College of Nurse Midwives Division of Research Forums, Annual Meeting and Conference, Nashville, TN. ACNM Best Podium Presentation by the Division of Research**
- 8/26 -8/30/13 \*Newman DK, Sampselle C, Miller JM, Kirk K, Kimmel R, DiCamillo MA. Outcomes and cost-effectiveness of mass mailing recruitment for a urinary incontinence primary prevention study. International Continence Society, Barcelona, Spain
- 8/25/13 \*Miller JM, Hortsch SB, Guo Y, Garcia C, Schimpf M. Improvement in bladder symptoms with reduction of intake of potentially irritating beverages. Nurses Forum at the International Continence Society, Barcelona, Spain (accepted, sent via voice-over powerpoint due to airplane mechanical difficulties)

- 8/25/13 \*Miller JM, Low LK, Brandon C, DeLancey JO, Fenner D. Do signs and symptoms of pelvic floor disorders indicate levator ani tear severity at first childbirth? Findings from the evaluating maternal recovery from labor and delivery (EMRLD) study. Nurses Forum at the International Continence Society, Barcelona, Spain (accepted, sent via voice-over PowerPoint due to airplane mechanical difficulties)
- 10/9–12/13 Schimpf M, Hortsch SB, Guo Y, Garcia C, Miller JM. Improvement in bladder symptoms with reduction of intake of potentially irritating beverages. American Urogynecologic Society, Las Vegas, NV
- 10/9–12/13 Low LK., Miller J. et al A clinical trial using spontaneous pushing during 2nd stage labor to reduce risk of incontinence. American Urogynecologic Society, Las Vegas, NV
- 11/5-7/13 \*Low LK, Sampsel C, Miller JM. Spontaneous pushing to prevent incontinence at 12 months post first childbirth: The tale of a clinical trial'. 14th Healthcare Interdisciplinary Research Conference, Dublin, Ireland
- 7/22-26/14 \*Miller JM, Low LK, Brandon C, Brincat CA, DeLancey JO, Fenner D. Do signs and symptoms of pelvic floor disorders indicate levator ani tear severity at first childbirth? findings from the evaluating maternal recovery from labor and delivery (emrld) study o signs and symptoms of pelvic floor disorders indicate levator ani tear severity at first childbirth? findings from the evaluating maternal recovery from labor and delivery (emrld) study. AUGS/IUGA Joint Scientific Meeting ing, Washington DC
- 7/22-26/14 \*Mukwege M, Amisi C., Miller JM. Recommendations for a modified GOH Fistula Classification: Comparative fistula classification from Physicians at Panzi Hospital, Eastern Region of D.R. Congo. AUGS/IUGA Joint Scientific Meeting, Washington DC
- 7/22-26/14 \*Schimpf M., Miller JM. Effect of irritant beverage intake on overactive bladder symptoms: a randomized controlled trial. AUGS/IUGA Joint Scientific Meeting, Washington DC
- 6/18-20/15 \*Brandon C, Miller JM. MRI detected maternal pelvic ring injuries after first childbirth in asymptomatic women" European Society of Musculoskeletal Radiology (ESSR) Annual Scientific Meeting 2015 York, United Kingdom
- 10/13-15/15 Weissbart S., Lewis R, Miller JM, Arya L. The impact of dry mouth on fluid intake and overactive bladder symptoms. American Urogynecologic Society, Seattle, Washington

- 5/06-10/16 Newman D., Sampsel C., Raghunathan T., Miller J. Kirk K., Kimmel R., Dicamillo M. Translating Unique Learning for Incontinence Prevention, the TULIP Project: Comparative effectiveness study of a diverse population of adult women receiving bladder health education. Annual Meeting of the American Urological Association Education and Research Inc. San Diego, California
- 9/27-10/1/16 Mukwege A. Smith A. Miller J. Exploring the complicated relationship of levator ani strength and pelvic organ descent to birth history in women with incontinence. Annual Meeting of the American Urogynecologic Society. Denver, CO.
- 9/27-10/1/16 Low L. Smith A. Miller J. Assessing pelvic floor injury and recovery in low risk and high risk women experiencing a vaginal birth or cesarean without labor. Annual Meeting of the American Urogynecologic Society. Denver, CO
- 9/27-10/1/16 Miller J., Allen E., Sheng Y., Smith A. Uptake of pelvic muscle recovery methods in postpartum women from the emrld study: exercise method and/or knack method. Annual Meeting of the American Urogynecologic Society. Denver, CO
- 9/27-10/1/16 Sheng Y. and Miller J. The Knack method: A concept analysis.
- 9/27-10/1/16 Newman D. Sampsel C. \*\*\*Miller J. The effectiveness of a randomized controlled trial of bladder health education to prevent urinary incontinence. Annual Meeting of the American Urogynecologic Society. Denver, CO
- 9/13-9/17/16 \*Newman D., Sampsel C., Raghunathan TE., Kirk K., Kimmel R., DiCamillo MA., Davis-Merritts M., Rentenback K., Wang M., Keyock K., Miller J. Educating adult women about bladder health: The translating unique learning for UI prevention (TULIP) project. International Continence Society Annual Meeting.
- 9/28-10/1/16 \*Harlow SD, Elliott MR, Karvonen-Gutierrez C, Bondarenko I, Reed B, Miller JM, Avis NE, Bromberger J, Brooks MM, Sternfield B. Symptom clustering across the menopause transition: Study of women's health across the nation (SWAN).15<sup>th</sup> International Menopause Society Meeting.
- 2016 Brady \*\*\* PLUS
- 2016 \*Low \*\*\* conceptual framework bladder health PLUS. International Continence Society
- 2017 \*Lowder et al, PLUS. Defining Bladder Health in Women and Girls: Implications for Research, Clinical Practice, and Public Health. Presented at ICS 2017. Published in: Neurourology and Urodynamics; vol. 36 no.3, suppl.; June 2017; p. S432-433. <https://doi.org/10.1002/nau.23386>

- 2017 \*Brady S, et al, PLUS. The Prevention of Lower Urinary Tract Symptoms (PLUS) in Girls and Women: Developing a Prevention Research Agenda and Conceptual Framework. **Presented at SPR 2017. "Abstract of Distinction"**  
<https://spr.confex.com/spr/spr2017/webprogram/Paper25526.html>
- 2017 Smith A. Defining bladder health in women and girls: implications for research, clinical practice and public health promotion. Poster session **Presented at: SUFU 2018** Winter Meeting; February 27-March 3, 2018; **Published in:** Neurourology and Urodynamics; vol. 37 no. S1, suppl.; Feb 2018 S603 p. <https://doi.org/10.1002/nau.23524>
- 2017 Kane Low L. Prevention of lower urinary tract symptoms in girls and women: Developing a conceptual framework for a prevention research agenda. **Presented at ICS 2017.** **Published in:** (Neurourology and Urodynamics; vol. 36 no.3, suppl.; p. S313-315. <https://doi.org/10.1002/nau.23386>
- 5/16/2017 Quallich S, Miller JM, Arslanian-Engoren C, Williams D. Preliminary clinical characterization of men with chronic unexplained orchialgia. American Pain Society Annual Meeting. Pittsburgh, PA.
- 10/05-07/2017 Markland \*\*\*\* PLUS. Continence begins with prevention. AUGS
- 10/05-07/2017 Sheng Y, Miller JM. Can women with levator ani tear on mr images effectively contract pelvic floor muscles, among women at high risk for levator ani tear during vaginal birth. American Urogynecology Society Pelvic Floor Disorders Week, Providence, Rhode Island.
- 2017 Lukacz \*\*\*\* PLUS. Annual Innovations in Womens Health Conference.
- 2017 Brubaker L, et al, PLUS. Building Successful Transdisciplinary Teams and Conceptual Models. Presented at NIDDK. Editorial: Norton JM, Bradley CS, Brady SS, Brubaker L, Gossett D, Henderson JP, Mazloomdoost D, Musil CM, Rovner E, Bavendam T. Individualizing Urinary Incontinence Treatment: Research Needs Identified at NIDDK Workshop. J Urol. 2017; In press, uncorrected
- 2018 Markland A, et al., PLUS. Occupational Groups and Lower Urinary Tract Symptoms in Women. (2018 Annual AUA Meeting) Published in: Journal of Urology. v. 199, no. 4, Suppl, 645 p. (April 2018) <https://doi.org/10.1016/j.juro.2018.02.1545>
- 2018 Hebert-Beirne J, et al, PLUS. Implementation of Best Practices for Training in Focus Group Methodology and Bladder Health: A novel curriculum from the PLUS Consortium Study of Habits, Attitudes, Realities and Experiences (SHARE) Study (APHA Annual Mtg. 2018)
- 2018 Sutcliffe S, et al, PLUS. Insight into bladder health: the relation between prevalent lower urinary tract symptoms and interference in the Boston Area Community Health Survey. (SER 2018)

- 2018 Sheng Y, Miller J. **Retrospective Study Estimating the Odds of Levator Ani Tear Identified by Levator Ani Palpation in Postpartum Women with Birth-Related Risk Factors.** Midwest Nursing Research Society Annual Mtg. Cleveland, Ohio. **Selected as UM doctoral student poster, with travel award.**
- 2018 Sheng Y, \*\*\*\*\*. Palpatory assessment \*\*\*\*\* International Continence Society
- 2018 Sheng Y, \*\*\*\*\* LA tear predicts urethral closure pressure \*\*\*\*\* International Continence Society

### Bibliographic :

"Times Cited" search was performed March 2016 using the Web of Science (results embedded below).  
**Total citations = 2196 (per Scopus)**

### Peer-Reviewed Journals and Publications

**Bolded citation indicates award winning, Underlined and blue font is hyperlink to pubmed article**  
*Italicized indicates co-author is student/fellow/visiting scholar/ staff or junior faculty during study.*

1. **Miller JM.** [Assessing urinary incontinence.](#) *J Gerontol Nurs.* 1990;16(3):15-9. PMID: 2313057.
2. **Miller J,** Kasper C, Sampsel C. [Review of muscle physiology with application to pelvic muscle exercise.](#) *Urol Nurs.* 1994;14(3):92-7. PMID: 2313057. times cited: ?.
3. Sampsel CM, **Miller JM,** Herzog AR, Diokno AC. [Behavioral modification: group teaching outcomes.](#) *Urol Nurs.* 1996;16(2):59-63. PMID: 8826155. times cited: ?.
4. Sampsel CM, **Miller JM,** Mims BL, DeLancey JO, Ashton-Miller JA, Antonakos CL. [Effect of pelvic muscle exercise on transient incontinence during pregnancy and after birth.](#) *Obstet Gynecol.* 1998;91(3):406-12. PMID: 9491869. times cited: 136.
5. **Miller JM,** Ashton-Miller JA, DeLancey JO. [Quantification of cough-related urine loss using the paper towel test.](#) *Obstet Gynecol.* 1998;91(5):705-9. PMID: 9572215. times cited: 29.
6. **Miller JM,** Ashton-Miller JA, DeLancey JO. [A pelvic muscle precontraction can reduce cough-related urine loss in selected women with mild SUI.](#) *J Am Geriatr Soc.* 1998;46:870-4. PMID: 9670874. times cited: 147.
7. Miller JM, Ashton-Miller JA, *Carchidi LT,* DeLancey JO. [On the lack of correlation between self-report and urine loss measured with standing provocation test in older stress-incontinent women.](#) *J Womens Health.* 1999;8(2):157-62. PMID: 9670874. times cited: 5. **Award winning abstract from 1999 Michigan Initiative for Women's Health, "Innovations in Women's Health Research."**
8. *Howard D,* **Miller JM,** DeLancey JO, Ashton-Miller JA. [Differential effects of cough, valsalva, and continence status on vesical neck movement.](#) *Obstet Gynecol.* 2000;95(4):535-40. PMID: 10725485. times cited:73.
9. **Miller JM,** *Perucchini D,* *Carchidi LT,* DeLancey JO, Ashton-Miller J. [Pelvic floor muscle contraction during a cough and decreased vesical neck movement.](#) *Obstet Gynecol.* 2001;97(2):255-60. PMID: 11165591. times cited: 62.
10. Miller J. [Criteria for therapeutic use of pelvic floor muscle training in women.](#) *J Wound Ostomy Continence Nurs.* 2002;29(6):301-11. PMID: 12439454. times cited: ?. **Award winning manuscript from 2002 Journal of Wound Ostomy Continence Nurses.**

11. Antonakos C, **Miller J**, Caruso C. [Critical elements of documentation for data-based research](#). *West J Nurs Res*. 2002;24(1):87-100. PMID: 11829277. times cited: 0.
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### **Book Chapters & Editor Roles or Authorship on Substantive Reports**

(bold = award winning), Underlined and blue font is hyperlink to published conference proceedings.

- Hines S. & Miller J. Chapter 24 Urinary Incontinence. In Schuiling K. & Likis F. (editors) *Women's Gynecologic Health*. Publication date 6/1/2005. **American College of Nurse Midwives 2006 Best Book of the Year Award**. Miller J. Chapter 52: "Adult Urinary Incontinence Supplies." In Berardi R. (editor) *Handbook of Nonprescription Drugs: An Interactive Approach to Self-Care*, 2009, 16<sup>th</sup> Edition.
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### **Educational Materials**

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