

## CURRICULUM VITAE

**Barbara J. St. Marie, PhD, AGPCNP-BC, FAANP, FAAN**

Associate Professor

College of Nursing, 440 CNB  
The University of Iowa  
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**Updated 5-17-2023**

### EDUCATION

#### Education

2017-2019 MS, Translational Biomedicine, University of Iowa, Iowa City, IA  
2012-2014 Post-Doctoral Fellow, Pain and Associated Symptoms: Nurse Research Training (NINR/NIH, T32 NR011147), University of Iowa, Iowa City, IA  
2005-2012 PhD, Nursing, University of Wisconsin, Milwaukee, WI  
1993-1995 MA, Nursing, St. Catherine University, St. Paul, MN  
1984-1989 MA, Education, University of St. Thomas, St. Paul, MN  
1973-1978 BA, Nursing, Gustavus Adolphus College, St. Peter, MN

**PhD Dissertation: Coexisting Addiction and Pain in People Receiving Methadone for Addiction**

### LICENSURES

2022 Advanced Registered Nurse Practitioner, Iowa Board of Nursing, H137214  
2022 Registered Nurse, Iowa Board of Nursing, #137214  
2022 Registered Nurse, Minnesota Board of Nursing, R 86552-0  
2021 MLP-Nurse Practitioner, Drug Enforcement Agency, number provided upon request

### CERTIFICATIONS

2025 Adult, Gerontology, Primary Care Nurse Practitioner (AGPCNP), American Nurses Credentialing Center, 2014039631  
2025 Pain Management, American Nurses Credentialing Center, 2005007192  
2015 Advanced Practice Nurse, National Board Certification of Hospice and Palliative Care Nursing, Expired  
2014 Public Health Nurse, State of Minnesota, Expired  
2003 Addiction-Free Pain Management, Gorski-CENAPS, Active

### PROFESSIONAL EXPERIENCE

#### Academic Appointments

2022- Associate Professor-Tenured, University of Iowa, College of Nursing, Iowa City, IA

2016-2022 Assistant Professor, University of Iowa, College of Nursing, Iowa City, IA  
 2014-2016 Associate Faculty, University of Iowa, College of Nursing, Iowa City, IA

### **Administrative Appointments**

2005-2014 Supervisor, Pain and Palliative Care Consult Service, Fairview Ridges Hospital  
 University of Minnesota, Burnsville, MN  
 1986-1990 General Manager, Pain Management, Home Pain Management, Minneapolis, MN  
 1984-1986 Director, Intravenous Therapy, Staff Builders Home Health Care, Minneapolis, MN

### **Clinical Experience**

2005-2014 Nurse Practitioner, Pain and Palliative Care Consult Service, Fairview Ridges Hospital  
 University of Minnesota, Burnsville, MN  
 1999-2005 Nurse Practitioner, Pain Management, University of Minnesota, Fairview  
 Minneapolis, MN  
 1995-1999 Nurse Practitioner, Internal Medicine, Park Nicollet Medical Center, Minneapolis, MN  
 1990-1995 Registered Nurse, Pain Management, North Memorial Medical Center,  
 Level I Trauma Center, Minneapolis, MN  
 1980-1984 Home Health Nurse, Home Care, Fairview Health Services, Minneapolis, MN  
 1979-1980 Registered Nurse, Hospice, St. John's Hospice, St. Paul, MN  
 1977-1979 Registered Nurse, Oncology, University of Minnesota Hospital, Minneapolis, MN

### **HONORS/AWARDS**

2022 Nomination for Teaching Award, College of Nursing, University of Iowa.  
 2022 Most Cited Research Article Award: Pain management nurses' roles during the COVID-19  
 pandemic (Mentor author). Journal of Pain Management Nursing.  
 2022 2022 Publisher's Report, Most downloaded article, ScienceDirect (Mentor author), 2022  
 YTD: Pain management nurses' roles during the COVID-19 pandemic. Journal of Pain  
 Management Nursing.  
 2021 Distinguished Alumni by the Gustavus Adolphus College Alumni Association Board  
 of Directors.  
 2021 Nomination for Teaching Award, College of Nursing DNP.  
 2020 2020 Publisher's Report, Most Downloaded Articles, Science Direct (First author), and top  
 article by Social Media Attention. The Journal of Pain Management Nursing.  
 2020 Fellow of the American Academy of Nursing, American Academy of Nursing  
 2019 Fellow of the American Association of Nurse Practitioners, American Association of Nurse  
 Practitioners  
 2018 2018 Publisher's Report, Most Downloaded Articles, Science Direct (First author), The  
 Journal for Nurse Practitioners  
 2018 Margo McCaffery Nurse Exemplar Award, American Society for Pain Management Nursing  
 2017 Symptom Science RIG: New Investigator's Award, Midwest Nursing Research Society  
 (MNRS)  
 2014 Pain and Associated Symptoms RIG: Junior Researcher Research Award, MNRS  
 2013 Debra Gordon Lecture Award, Midwest Pain Society  
 2011 March of Dimes Advanced Practice Nurse of the Year, March of Dimes, Minnesota

- 2010 Jean Guveyan Lecture Award, American Society for Pain Management Nursing
- 2007 Chancellor's Graduate Student Award, Academic Scholarship, University of Wisconsin, Milwaukee, WI
- 2006 Sigma Theta Tau, Eta Nu Chapter, Academic Scholarship, University of Wisconsin, Milwaukee, WI
- 2006 Circle of Life Award, Program Development of Clinical Excellence in Palliative Care, American Hospital Association
- 2006 Chancellor's Graduate Student Award, Academic Scholarship, University of Wisconsin, Milwaukee, WI
- 2005 Chancellor's Graduate Student Award, Academic Scholarship, University of Wisconsin, Milwaukee, WI
- 2002 Past President's Distinguished Service Award, Leader in establishing Pain Management Certification and Publishing First Core Curriculum for Pain Management Nursing, American Society for Pain Management Nursing
- 1999 Nurse of Excellence, Designed and implemented Pain Management program at Methodist Hospital, St. Louis Park, MN, HealthSystem Minnesota
- 1998 ASPMN/Roxanne Pain Scholars Award, HIV Neuropathic Pain Award and Scholarship study with Dr. Justin MacCarthy, Johns Hopkins University
- 1994 Sigma Theta Tau International, Chi Chapter, St. Catherine's University, St. Paul, Minnesota

## SCHOLARSHIP

### Publications:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/barbara.st%20marie.1/bibliography/47278677/public/?sort=date&direction=ascending>

### H-index: 10 (Scopus)

Orchid ID: <https://orcid.org/0000-0003-0231-9464>

**Peer Reviewed Papers** (\*data-based; **bold** = my authorship; underline = senior author; ^ = student author)

1. \*Laures, E.L., LaFond, C.M., **St. Marie, B.**, McCarthy, A.M. (In press, 2023). Pain Assessment & Management for a Mechanically Ventilated & Chemically Paralyzed Child. *American Journal of Critical Care*.
2. \***St. Marie, B.**, Perkhounkova, Y., Gedney-Lose, A., Jimmerson, A., Porter, B., Herr, K., Nadkarni, P. (2023). Testing the decision support tool for responsible pain management for headache and facial pain diagnosis with opioid risk stratified treatment. *SN Comprehensive Clinical Medicine*, SNCM-D-22-01540R1. Doi: 10.1007/s42399-023-01423-1
3. Sowicz, T.J., Compton, P., Matteliano, D., Oliver, J., Strobbe, S., **St. Marie, B.**, Turner, H.N., Wilson, M. (2023). Position statement: Pain management and substance use disorders. *Journal of Addictions Nursing*, 34(1), 5-7. Doi: 10.1097/JAN.0000000000000506

4. \***St. Marie, B.**, Witry, M., Reist, J. (2023). Barriers to increasing prescription drug monitoring program use: A multidisciplinary perspective. *CIN: Computers, Informatics, Nursing*. DOI: 10.1097/CIN.0000000000000997; PMID: 36728156. Featured Article.
5. \*Booker, S., Sowicz, T.J., Knisely, M., Saravanan, A., Bai, J., **St. Marie, B.** (2023). The impact of COVID-19 on pain care among older adults. *American Journal of Nursing*. Accessed: file:///Users/barb/Downloads/Bookeretal.Paininoldercare.pdf
6. \*Witry, M., **St. Marie, B.**, Reist, J. (2022). Provider perspectives and experiences following the integration of the Prescription drug Monitoring Program into the Electronic Health Record. *Health Informatics Journal*, 28(3):1460458221113435. Doi: 10.1177/1460458221113435. PMID: 35829729
7. Sowicz, T.J., Compton, P., Matteliano, D., Oliver, J., Strobbe, S., **St. Marie, B.**, Turner, H.N., Wilson, M. (2022). Position statement: Pain management and substance use disorders. *Pain Management Nursing*, 23(2):91-108. PMID: 34965906. Doi:10.1016/j.pmn.2021.11.002
8. Turner, H.N., Oliver, J., Compton, P., Matteliano, D., Sowicz, T.J., Strobbe, S., **St. Marie, B.**, Wilson, M. (2022). Pain management and risks associated with substance use: Practice recommendations. *Journal of Pain Management Nursing*, 23(2), 91-108. Doi: 10.1016/j.pmn.2021.11.002. PMID: 34965906
9. \*Sowicz, T.J., Knisely, M.R., Booker, S.Q., Bai, J., Saravanan, A., **St. Marie, B.** (2022). Pain management nurses' role changes during the Covid-19 pandemic. *Journal of Pain Management Nursing*, 23(1), 9-16. Doi:10.1016/j.j.pmn.2021.09.006. PMID: 34756688
10. \*Klarich, A., Noonan, T.Z., Reichlen, C., **St. Marie, B.**, Cullen, L., Pennathur, P.R. (2022). Usability of smart infusion pumps: a heuristic evaluation. *Applied Ergonomics*, 98(103584), 1-10. doi:10.1016/j.apergo.2021.103584. PMID: 34562782
11. Compton, P., **St. Marie, B.** (2022). Coexisting substance use disorder and chronic pain during COVID-19. *Journal of Pain Management Nursing*, 23(1), 17-25. Doi: 10.1016/j.pmn.2021.08.011 PMID: 34620549
12. Porter, B., **St. Marie, B.**, Milavetz, G., Herr, K. (2021). Cannabidiol (CBD) use by older adults for acute and chronic pain. *Journal of Gerontological Nursing*, 47(7), 6-15. [https://doi: 10.3928/00989134-20210610-02](https://doi.org/10.3928/00989134-20210610-02) PMID: 34191653
13. \*Liu, W., Dindo, L., Hadlandsmayth, K., Unick, J., Zimmerman, M.B., **St Marie, B.**, Embree, J.L., Tripp-Reimer, T., Rakel, B. (2021). Item response theory analysis: PROMIS® Anxiety Form & Generalized Anxiety Disorder Scale. *Western Journal of Nursing Research*, <https://doi.org/10.1177/01939459211015985>. PMID: 3399840

14. \***St. Marie, B.**, Jimmerson<sup>^</sup>, A., Perkhounkova, E., Herr, K. (2020). Developing and establishing content validity of vignettes for healthcare education and research. *Western Journal of Nursing Research*, 43(7), 677-685. <https://doi-org.proxy.lib.uiowa.edu/10.1177%2F0193945920969693> PMID: 33150841
15. \***St. Marie, B.**, Coleman, L, Vignato, J.A., Arndt, S., Segre, L.S. (2020). Use and misuse of opioid pain medications in pregnant and non-pregnant women. *Pain Management Nursing*, 21(1), 90-93. doi:10.1016/j.pmn.2019.05.002 PMID: 31262692
16. \*Witry, M., **St. Marie, B.**, Viyyuri, B.<sup>^</sup>, Windschitl, P. (2020). Factors influencing judgments to consult prescription monitoring programs. *Pain Management Nursing*, 21(1), 48-56. doi:10.1016/j.pmn.2019.04.001 PMID: 31133408
17. **St. Marie, B.**, Broglio, K. (2020). Managing pain in the setting of opioid use disorder. *Pain Management Nursing*, 21(1), 26-34. doi:10.1016/j.pmn.2019.08.003. 2020 Publisher's Report, Most Downloaded Articles, and Top Article by Social Media Attention, Science Direct. PMID: 31648905
18. **St. Marie, B.** (2019). Assessing patients' risk for opioid use disorder. *AACN Advanced Critical Care*, 30(4), 343-352. doi:10.4037/aacnacc2019931. PMID: 31951657
19. Mallick-Searle, T., **St. Marie, B.** (2019). Cannabinoids in pain treatment: an overview. *Pain Management Nursing*, 20, 107-112. doi.org/10.1016/j.pmn.2018.12.006. PMID: 31036325
20. \*Hadlandsmayth, K, Dindo, L., **St. Marie, B.**, Roohina, Wajid, Embree, J., Noiseux, N., Tripp-Reimer, T., Zimmerman, B., Rakel, B. (2019). Patient-reported outcomes measurement information (PROMIS) instruments: reliability and validity in veterans following orthopedic surgery. *Evaluation & the Health Professions*, 43(4), 207-212. doi-org.proxy.lib.uiowa.edu/10.1177%2F0163278719856406. PMID: 31195828
21. \*Dindo, L., Zimmerman, M.B., Hadlandsmayth, K., **St. Marie, B.**, Embree, J., Marchman, J., Tripp-Reimer, T., Rakel, B. (2018). Acceptance and commitment therapy for prevention of persistent post-surgical pain and opioid use in at-risk Veterans: A pilot randomized controlled study. *The Journal of Pain*, 19(10), 1211-1221. doi: 10.1016/j.jpain.2018.04.016. PMID: 29777950
22. **St. Marie, B.**, Arnstein, P, Zimmer, P. (2018). Call for Action: Opioid/chronic pain crisis – practice, policy and research. *The Journal for Nurse Practitioners*, 14(1), 40-44. doi.org/10.1016/j.nurpra.2017.10.002. 2018 Publisher's Report, Most Downloaded Articles, Science Direct.
23. \*Bernhofer, E., **St. Marie, B.**, Beno, J. (2017). A new clinical pain knowledge test for nurses: Development and psychometric evaluation. *Pain Management Nursing*, 18(4), 224-233. doi:10.1016/j.pmn.2017.04.009 PMID: 28629891

24. **St. Marie, B.** (2017). Orofacial pain management in the setting of opioid misuse. *ORL—Head and Neck Nursing*, 35(2), 13-18. PMID: 30620473
25. **St. Marie, B.,** Arnstein, P. (2016). Quality pain care for older adults in an era of suspicion and scrutiny. *Journal of Gerontological Nursing*, 42(12), 31-39. PMCID: PMC7041629 PMID: 27898134
26. **\*St. Marie, B.** (2016). The Experiences of Advanced Practice Nurses Caring for Patient with Substance Use Disorder and Chronic Pain. *Pain Management Nursing*, 17(5), 311-321. doi: 10.1016/j.pmn.2016.06.001 PMID: 27567096
27. **\*St. Marie, B.J.** (2016). Primary care experiences of people who live with chronic pain and receive opioids to manage pain: A qualitative methodology. *Journal of the American Association of Nurse Practitioners*, 28(8), 429-435. doi:10.1002/2327-6924.12342. PMID: 26799819
28. **\*St. Marie, B.J.,** Sahker, E., Arndt, S. (2015). Referrals and treatment completion for prescription opioid admissions: Five years of national data. *Journal of Substance Abuse Treatment*, 59, 109-114. doi: 10.1016/j.jsat.2015.07.010. PMID: 26362002
29. Herr, K., **St. Marie, B.J.,** Gordon, D., Paice, J. et al. (2015). An Interprofessional Consensus of Core Competencies for Prelicensure Education in Pain Management: Curriculum Application for Nursing. *Journal of Nursing Education*, 54(6), 317-327. doi: 10.3928/01484834-20150515-02. PMID: 26057425
30. Manworren, R.C.B., Ruaño G., Young, E., **St. Marie, B.J.,** McGrath, J.M. (2015). Translating the human genome to manage pediatric post-operative pain. *Journal of Pediatric Surgical Nursing*, 4,(1), 28-39. PMCID: PMC4445846 PMID: 26029734
31. **\*St. Marie, B.** (2014). Healthcare experiences when pain and substance use disorder coexist. *Pain Medicine*, 15(12), 2075-2086. doi: 10.1111/pme.12493. PMID: 25041442
32. Hoeger Bemet, M., **St. Marie, B.,** Nordstrom, T., Christensen, N., Mongoven, J., Koebner, I., Fishman, S.M., Sluka, K.A. (2014). An interprofessional consensus of core competencies for prelicensure education in pain management: Curriculum application for physical therapy. *Physical Therapy Journal of the American Physical Therapy Association*, 94(4), 451-465. doi: 10.2522/ptj.20130346. PMID: 24309615
33. **\*St. Marie, B.J.** (2014). Coexisting Addiction and Pain in People Receiving Methadone for Addiction. *Western Journal of Nursing Research*, 36(4), 535-552. doi: 10.1177/0193945913495315. PMID: 23858068
34. Matteliano, D., **St. Marie, B.,** Oliver, J., Coggins, C. (2014). Adherence monitoring with chronic opioid therapy for persistent pain: A biopsychosocial-spiritual approach to mitigate

risk. *Pain Management Nursing*, 15(1), 391-405. doi: 10.1016/j.pmn.2012.08.008. PMID: 24602442

35. **St. Marie, B.** (2013). Pain management in patients receiving palliative care. *Oncology Nurse Advisor*, May/June, e1-e6. NIHMS688661.
36. Fishman, S.M., Young, H.D., Arwood, E.L., Chou, R., Herr, K., Murinson, B.B., Watt-Watson, J., Carr, D.B., Gordon, D.B., Stevens, B.J., Bakerjian, D., Ballantyne, J.C., Courtenay, M., Djukic, M., Koebner, I.J., Mongoven, J.M., Paice, J.A., Prasad, R., Singh, N., Sluka, K.A., **St. Marie, B.**, Strassels, S.A. (2013). Core Competencies for Pain Management: Results of an Interprofessional Consensus Summit. *Pain Medicine*, 14(7), 971-981. doi: 10.1111/pme.12107.
37. Oliver, J., Coggins, C., Compton, P., Hagan, S., Matteliano, D., Stanton, M., **St. Marie, B.**, Strobbe, S., Turner, H.N. (2012). American Society for Pain Management Nursing position statement: Pain management in patients with substance use disorders. *Pain Management Nursing*, 13(3), 169-183. doi: 10.1016/j.pmn.2012.07.001.
38. Oliver, J., Coggins, C., Compton, P., Hagan, S., Matteliano, D., Stanton, M., **St. Marie, B.**, Strobbe, S., Turners, H.M. (2012). American Society for Pain Management Nursing position statement: Pain management in patients with substance use disorders. *Journal of Addictions Nursing*, 23(3), 210-222.
39. Drew, D., & **St. Marie, B.** (2011). Pain in critically ill patients with substance use disorders or long-term opioid use for chronic pain. *AACN Advance Critical Care*, 22(3), 1-17.
40. Webster, L., **St. Marie, B.**, McCarberg, W., Passik, S., Panchal, S., Voth, E. (2011). Current status and evolving role of abuse deterrent opioids in management patients with chronic pain. *Journal of Opioid Management*, 7(3), 235-245.
41. Arnstein, P., **St. Marie, B.** (2010). Managing chronic pain with opioids: A call for change. *American Journal for Nurse Practitioners*, 14(11/12), 48-51.
42. **St. Marie, B.J.** (2003). The complex pain patient: Interventional treatment and nursing issues. *The Nursing Clinics of North America*, 28,539-554.
43. **St. Marie, B.J.** (1996). Chemical abuse and pain management. *Journal of Intravenous Nursing*, 19(5),247-250.
44. Williams, A., Kedziera, P., Osterlund, H., **St. Marie, B.J.**, Gronbeck, W., Wenzl, C., Kramarenko, N. (1992). Nursing models in pain management. *Oncology Nursing Forum*, 19(7), 20-26.

45. \*Yue, S.K., **St. Marie, B.J.**, Henrickson, K. (1991). Initial clinical experience with the SKY epidural catheter. *Journal of Pain and Symptom Management*, 6(3), 107-114.
46. **St. Marie, B.J.** (1991). Narcotic infusions: A changing scene. *Journal of Intravenous Nursing*, 14(5), 334-344.
47. **St. Marie, B.J.** (1989). Understanding the basics of intraspinal infusions. *Journal of Home Health Practice*, 2(4), 5-10. doi: 10.1177/108482239000200403.
48. **St. Marie, B.J.** (1989). Administration of intraspinal analgesia in the home care setting. *Journal of Intravenous Nursing*, 12(3), 164-168.
49. **St. Marie, B.J.**, Henrickson, K. (1988). Intraspinal narcotic infusions for terminal cancer pain. *Journal of Intravenous Nursing*, 11(3), 161-163.

### Papers Under Review

1. ^DeBruin, H., **St. Marie, B.** (In review, 2023). Disparities Among Those Who Use Opioids for Pain and Those Who Experience Opioid Use Disorder. *Journal of Opioid Management, Suppl.*
2. \*^Rogers, B., **St. Marie, B.J.**, Wesemann, D., Nopoulos, P.C. (In review, 2023). Implementing de-escalation training for direct and in-direct employees caring for residents with Huntington's disease. *Journal of the American Psychiatric Nurses.*
3. \***St. Marie, B.**, Bai, J., Knisely, M.R., Booker, S.Q., Saravanan, A., Sowicz, T.J. (In review, 2023). Experiences of pain management nurses during the COVID-19 Pandemic: A qualitative study. *Pain Management Nursing.*
4. **St. Marie, B.**, Bernhofer, E. (Submitted, May, 2023). Ethical considerations for the conduct of research in populations with opioid use disorder. *Journal for Nurse Practitioners.*

### Books

1. **St. Marie, B. J.** (Ed.). (2010). *Core Curriculum for Pain Management Nursing* (2<sup>nd</sup> ed.). Dubuque, IA: Kendall-Hunt Publishers.
2. **St. Marie, B. J.** (Ed). (2002). *Core Curriculum for Pain Management Nursing*. Philadelphia: Elsevier Science.
3. **St. Marie, B. J.**, Arnold, S. (2002). *When Your Pain Flares Up*. Minneapolis: Fairview Press.

## Book Chapters

1. **St. Marie, B. J.** (2010). Coexisting Addiction and Pain. In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing* (pp. 617-629) (2<sup>nd</sup> ed.). Dubuque, IA: Kendall-Hunt Publishers.
2. Elliott, J. E., **St. Marie, B. J.** (2010). Depression and Pain. In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing* (pp. 609-616) (2<sup>nd</sup> ed.). Dubuque, IA: Kendall-Hunt Publishers.
3. Peltier, C., **St. Marie, B. J.** (2010). Immunity and Pain. In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing* (pp. 601-608) (2<sup>nd</sup> ed.). Dubuque, IA: Kendall-Hunt Publishers.
4. Ghafoor, V. L., **St. Marie, B. J.** (2010). Overview of Pharmacology. In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing* (pp. 235-305) (2<sup>nd</sup> ed.). Dubuque, IA: Kendall-Hunt Publishers.
5. Hall, K. P., **St. Marie, B. J.** (2010). Epidemiology of Pain. In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing* (pp. 151-157) (2<sup>nd</sup> ed.). Dubuque, IA: Kendall-Hunt Publishers.
6. **St. Marie, B. J.** (2005). Study Guide for Pain Management Certification. American Society for Pain Management Nursing, Lenexa, KS.  
<https://www.commercecorner.com/aspmn/productlist1.aspx>
7. **St. Marie, B. J.** (2002). Pain Management. In T. Baranowski, R. Lonsway, & C. Hedrick (Eds.), *Intravenous Therapy, Clinical Principles and Practices* (1st & 2nd eds.). Philadelphia: W.B. Saunders.
8. **St. Marie, B. J.** (2002). Pain management in the chemically dependent person (pp. 427-437). In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing*. Philadelphia: Elsevier Science.
9. **St. Marie, B. J.**, Loeb, J. L. (2002). Gerontologic pain management (pp.417-426). In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing*. Philadelphia: Elsevier Science.
10. Elliott, J., Knox, K., Renaud, E., **St. Marie, B. J.**, Sharoff, L., Swift, M. K., Vallerand, A. H., Vanni, L. (2002). Chronic pain management (pp. 273-347). In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing*. Philadelphia: Elsevier Science.
11. **St. Marie, B. J.** (2002). Assessment (pp. 149-171). In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing*. Philadelphia: Elsevier Science.

12. Bennett, P., **St. Marie, B. J.** (2002). The epidemiology of pain (pp. 45-53). In B. J. St. Marie (Ed.), *Core Curriculum for Pain Management Nursing*. Philadelphia: Elsevier Science.
13. **St. Marie, B. J.** (2000). Pain Management. In S. Weinstein, (Ed.), *Plumer's Principles & Practice of Intravenous Therapy* (6<sup>th</sup> & 7th eds.). Philadelphia: Lippincott.
14. **St. Marie, B.J.** (1994). Pain Management. In J. C. LaRocca (Ed.), *Handbook of Home Care IV Therapy*, St. Louis: Mosby.

### Monographs

1. Arnstein, P., **St. Marie, B.J.**, Zimmer, P.A. (2017). Managing chronic pain with opioids: a call for change, 2017. Nurse Practitioner Healthcare Foundation. ([https://www.nphealthcarefoundation.org/media/filer\\_public/ce/a6/cea6fb0a-7c4c-4ac9-b5e4-06c9d5e8fae2/nphf\\_opioid\\_white\\_paper\\_9-26-17.pdf](https://www.nphealthcarefoundation.org/media/filer_public/ce/a6/cea6fb0a-7c4c-4ac9-b5e4-06c9d5e8fae2/nphf_opioid_white_paper_9-26-17.pdf))
2. American Nurses Association and the American Society for Pain Management Nursing (2016). Pain Management Nursing: Scope and Standards of Practice, 2<sup>nd</sup> ed. Silver Springs Maryland: American Nurses Association. **Role: Contributing Author.**
3. Arnstein, P., **St. Marie, B. J.** (2011). Managing Chronic Pain with Opioids: A Call for Change, A White Paper by the Nurse Practitioner Healthcare Foundation. Nurse Practitioner Healthcare Foundation website ([www.nphealthcarefoundation.org](http://www.nphealthcarefoundation.org)).
4. **St. Marie, B. J.**, Nichols, R., McCaffery, M., Pasero, C., Coggins, C. (2003). Pain Management in the Patient with Addictive Disease. Position Paper for American Society of Pain Management Nurses. Pensacola: Puetz and Associates.
5. **St. Marie, B. J.** (2002). Management of Cancer Pain With Epidural Morphine: an Independent Study Module. St. Paul: Pharmacia Deltec, Inc., Original Published in 5/94.
6. **St. Marie, B. J.** (1989). Standards of Excellence for Home Infusion, Pharmaceutical, DME for CHAP Accreditation, National League of Nursing, New York City, New York.

### Reviews

- St. Marie, B. J.** (2010). Book Review: Pain Assessment and Pharmacologic Management, Eds. Chris Pasero & Margo McCaffery. *Pain Management Nursing*, 11(3), 197.

### Grants and Contracts

#### Extramural Research

##### Federal

- 2017-2021      Decision Support for Responsible Pain Management, **PI: St. Marie**, NIH/NIDA, K23DA043049, \$160,000/year for 4 years (Completed August, 2022). Final report sent to NIH 8/24/2022.

2014-2016 Preventing Persistent Post-surgical Pain and Opioid Use in Veterans: Effect of ACT, **Co-I: St. Marie**, NIH-NCCIH, 5R34 AT008349-02 (Co-PI Barbara Rakel, Lilian Dindo), \$680,000.

State

2020 Iowa's Opioid State Targeted Response Project Grant, **Co-I: St. Marie**, Substance Abuse and Mental Health Administration, Iowa Board of Pharmacy (Contract Subgrant DSP Item # 1872100-CG; PI: Matthew Witry), \$27,840.00.

Private Non-Profit

2017-2018 Investigation of Decision-making in Prescription Drug Monitoring Program Use: A Factorial Survey Experiment, **Co-PI: St. Marie**, Witry, American Society for Pain Management Nursing Research Award, \$5,000

2013-2014 The Experiences and Perceptions of Advanced Practice Nurses Caring for Patients with Coexisting Substance Use Disorder and Pain, **PI: St. Marie**, American Society for Pain Management Nursing Research Award, \$5,000.

2012-2014 The Experiences of People Living with Chronic Pain While Receiving Opioids to Manage Their Pain in the Primary Care Setting, **PI: St. Marie**, Nurse Practitioner Healthcare Foundation/Purdue Pharma Pain Management Award, \$5,000.

**Intramural Research**

2022-2023 Concurrent Use of TENS with Buprenorphine for Opioid Use Disorder Treatment: A Pilot Study, **PI: St. Marie**. Jo Ellen Ross Research Fund and Dr. Kathryn Sieck Schweer Fund, \$7,500

2020-2021 The Experiences of Pain Management Nurses in the COVID-19 Pandemic, **Co-PI: St. Marie** with Dr. Jinbing Bai (Emory University) Csomay Center for Gerontological Excellence, \$3,120.

2014-2015 Prescriptive Decision Support for Persistent Pain and Risk for Opioid Misuse, **PI: St. Marie**, University of Iowa, College of Nursing, Dean's Award, \$57,000.

**Un-sponsored Scientific Research**

2015-2016 Psychometric Evaluation of New Clinical Pain Knowledge Test, **Co-PI: St. Marie**; Bernhofer.

2010-2011 Coexisting Addiction and Pain in People Receiving Methadone for Opiate Addiction, **PI: St. Marie**.

**Research and Clinical Presentations** (\* data based; **bold** = my authorship; underline = senior author; ^ = student author; <sup>A</sup> invited; <sup>B</sup> Keynote)

International

2016 \* **St. Marie, B.**, Reimer, T., Hadlandsmayth, K., Allen, J., Embree, J., Noiseux, N., Johnston, R., Zimmerman, B., Dindo, L., Rakel, B. Experience providing a one-day ACT workshop to veterans at risk for persistent pain and opioid misuse following orthopedic surgery.

International Association for the Study of Pain. *Pain, Conference Proceedings*. (Poster and Abstract). Note: I could not attend due to family situation.

- 2012 <sup>A</sup> **St. Marie, B.J.** Pharmacology in Management of Headaches and Orofacial Pain. Irish Pain Society, Galway, Ireland. (Podium)
- 2012 <sup>A</sup> **St. Marie, B.J.** Legal Cases, Lessons Learned. Mater Misericordiae University Hospital, Dublin, Ireland. (Podium)
- 2010 <sup>A</sup> **St. Marie, B.J.** Adjunct Pharmacology and Complementary Approaches for the Treatment of Chronic Pain and Managing the Psychology of Pain; and Addiction during the Perioperative Period. 35<sup>th</sup> Annual American Society of Regional Anesthesia and Pain Medicine, Toronto, Canada. (Podium)
- 1996 <sup>A</sup> **St. Marie, B.J.** Acute Pain Management: Current Concepts. 6th Annual Provincial Hospice/Palliative Care Conference, Winnipeg, Manitoba. (Podium)
- 1992 <sup>A</sup> **St. Marie, B.J.** Nursing Perspective of Pain Management. The National Health Service, Cardiff, Wales. (Podium)

#### National

- 2023 <sup>^</sup>Chen, Shaoshuai, **St. Marie, B.**, Herr, K., Nadkarni, P. March, 2023. Testing the Decision Support Tool for Responsible Pain Management for Headache and Opioid Risk Stratified Treatment with Urgent Care Patients. US Association for the Study of Pain, Duke University, Durham, NC (podium, poster, abstract award through Pain and Addiction SIG).
- 2023 <sup>^</sup>Chen, Shaoshuai, **St. Marie, B.**, Herr, K., Nadkarni, P. March, 2023. Testing the Decision Support Tool for Responsible Pain Management for Headache and Opioid Risk Stratified Treatment with Urgent Care Patients. Midwest Nursing Research Society, Des Moines, IA. (poster)
- 2022 <sup>\*</sup>**St. Marie, B.** September 16, 2022. Testing a decision support tool for responsible pain management on headache vignettes. American Society for Pain Management Nursing, Palm Spring, CA. (Podium).
- 2022 <sup>\*</sup>Sowicz, T., Booker, S.Q., **St. Marie, B.** September 16, 2022. COVID-19 and pain management nurses. American Society for Pain Management Nursing, Palm Spring, CA. (Podium).
- 2022 Turner, H., Oliver, J., Sowicz, T., **St. Marie, B.** September 16, 2022. ASPMN and InSTA Pain and Addiction Position Paper. American Society for Pain Management Nursing, Palm Spring, CA. (Podium).
- 2022 <sup>B</sup>**St. Marie, B.** March 31. New Challenges in Pain and Addiction Arising from the COVID-19 Pandemic. American Society of Addiction Medicine: Interdisciplinary Care for Patients with Pain & Addiction in the Virtual Age, American Society of Addiction Medicine, Hollywood, FL. (Podium).
- 2021 <sup>A</sup>**St. Marie, B.**, Broglio, K., Sawyer, J. September 30. When Pain and Substance Use Disorder Co-exist: Pearls for Improving Pain Management. American Society for Pain Management Nursing (Virtual).
- 2021 <sup>A</sup>**St. Marie, B.** Acute Pain Management and Opioid Prescribing, Gerontological Advanced Practice Nurses Association. March 4-6 (Virtual, Closing Speaker)
- 2020 <sup>\*</sup> Jimmerson<sup>^</sup>, **St. Marie, B.**, Perkhounkova, E., Herr, K. Development and Validation of Vignettes for Research and Healthcare Education. Oct. 23. American Society for Pain Management Nursing, virtual conference. (Poster)

- 2020 <sup>A</sup> **St. Marie, B.** Interventions for OUD & Chronic Pain. Managing Chronic Pain in Individuals with Co-occurring OUD, and other Psychiatric Conditions. June 1-2, *NIH Virtual Meeting*. Content used to *create summary statement for setting funding agenda at NIDA*. Shelly Su, PhD, Jana Eisenstein, Scientific Program Analysts. (Virtual)
- 2019 <sup>B</sup> **St. Marie, B.** The Future of Pain Prevention and Treatment. CO\*RE REMS Stakeholder meeting, Chicago, IL. (Podium)
- 2019 \* **St. Marie, B.,** Hadlandsmyth, K. Preventing Persistent Post-Surgical Pain & Opioid Use in At-Risk Veterans: Effect of ACT. Midwest Pain Society, Chicago, IL. (Podium)
- 2019 \* **St. Marie, B.** Decision Support for Responsible Pain Management. Midwest Pain Society, Chicago, IL. (Poster, Award winner)
- 2019 \* Klarich, <sup>A.</sup>, St. Marie, B. Smart Infusion Pumps: Their Unability May be their Bane. 2020 Healthcare Systems Process Improvement Conference, Savannah, GA. (Poster presentation by Amelia Klarich)
- 2019 \* **St. Marie, B.,** Broglio, K. Treatment of Pain with Co-Morbid Opioid Use Disorder. American Society for Pain Management Nursing, Portland, OR. (Podium)
- 2019 \* **St. Marie, B.** Decision Support for Responsible Pain Management: Alpha Testing, National Institute on Drug Abuse, NIH, 2019 Collaborative Research on Addiction at NIH (CRAN) Mentored Career Development Awardee Meeting, Bethesda, MD. (Poster)
- 2018 \* **St. Marie, B.** Recognizing Addictive Behaviors and Strategies to Avoid Opioid Misuse/Abuse. American Geriatric Society (AGS), Orlando, FL. (Podium and panel)
- 2016 \* **St. Marie, B.** Decision Support for the Advanced Practice Nurse. American Society for Pain Management Nursing, Louisville, Kentucky. (Podium)
- 2015 \* **St. Marie, B.** The Experiences of People Living with Chronic Pain While Receiving Opioids to Manage Their Pain in the Primary Care Setting. American Pain Society, Palm Springs, CA. (Poster)
- 2015 \* **St. Marie, B.** The Experiences and Perceptions of Advanced Practice Nurses Caring for Patients with Coexisting Substance Use Disorder and Chronic Pain. American Pain Society, Palm Springs, CA. (Poster)
- 2015 \* **St. Marie, B.** The Experiences and Perceptions of Advanced Practice Nurses Caring for Patients with Coexisting Substance Use Disorder and Chronic Pain. American Academy of Pain Medicine, Washington, D.C. (Poster)
- 2014 \* **St. Marie, B.** Experiences of Those with Coexisting Substance Use Disorder and Chronic Pain. American Pain Society, Tampa, FL. (Podium, Poster)
- 2013 **St. Marie, B.,** Vanni, L. Advanced Pharmacology and Neurophysiology. Preconference presentation at ASPMN national conference in Indianapolis, IN. (Podium)
- 2013 **St. Marie, B.** Risk Evaluation and Mitigation Strategies. ASPMN national conference in Indianapolis, IN. (Podium)
- 2013 **St. Marie, B.** Risk Evaluation and Mitigation Strategies. PAIN Week, Las Vegas, NV. (Podium)
- 2013 **St. Marie, B.** Understanding the Pharmacology of Addiction and Prescription Drug Abuse, Kentucky Coalition of Nurse Practitioners and Midwives, Lexington, KY. (Podium)
- 2013 **St. Marie, B.** Coexisting Addiction and pain in People Receiving Methadone for Addiction. Midwest Nursing Research Society. Chicago, IL. (Poster)

- 2012 **St. Marie, B.**, Vanni, L. Advance Pharmacology and Neurophysiology. Preconference presentation at ASPMN national conference in Baltimore, MD. (Podium)
- 2012 **St. Marie, B.** Position Paper Presentation Panel on Managing Pain in People with Substance Use Disorder. ASPMN national conference in Baltimore, MD. (Podium)
- 2011 **St. Marie, B.** “We didn’t start the fire, but we’re carrying the torch”, closing lecture to general session at the joint national conference of the American Society for Pain Management Nursing and International Nurses Society on Addictions in Tucson, Arizona. (Podium)
- 2011 **St. Marie, B.**, Vanni, L. Advance Pharmacology and Neurophysiology. Preconference presentation at the American Society for Pain Management Nursing national conference in Tucson, Arizona. (Podium)
- 2010 **St. Marie, B.**, Vanni, L. Advanced Pharmacology for Pain Management Nursing. American Society for Pain Management Nursing, Minneapolis, MN. (Podium)
- 2010 **St. Marie, B.** Pain and Chemical Dependence as a Complex Human Experience (Jean Guveyan Lecture), American Society for Pain Management Nursing National Conference. Minneapolis, MN. (Podium)
- 2010 **St. Marie, B.**, Stanton, M., Barnes, M. REMS Panel, American Society for Pain Management Nursing National Conference. Minneapolis, MN. (Podium and Panel)
- 2009 **St. Marie, B.**, Vanni, L. Advanced Pharmacology for Pain Management Nursing. American Society for Pain Management Nursing, Jacksonville, FL. (Podium)
- 2008 **St. Marie, B.**, Vanni, L. Advanced Pharmacology for Pain Management Nursing. American Society for Pain Management Nursing, Tucson, AZ. (Podium)
- 2008 **St. Marie, B.** Urine Toxicology interpretation. American Society for Pain Management Nursing, Tucson, AZ. (Podium)
- 2004 **St. Marie, B.**, Gordon, D. The Basics of Pain Management. American Society of Pain Management Nursing, Myrtle Beach, SC. (Podium)
- 2003 **St. Marie, B.** Management of the patient in flare. American Society of Pain Management Nursing. Kansas City, Missouri. (Podium)
- 2003 **St. Marie, B.** Pain Management in the Patient with Addictive Disease. American Society of Pain Management Nursing. Kansas City, Missouri. (Podium)
- 2003 **St. Marie, B.** Publication: The Making of the Core Curriculum. American Society of Pain Management Nursing. Kansas City, Missouri. (Podium)
- 2001 **St. Marie, B.** Chronic pain management. Third District Nurses, Minnesota Nurses Association, Annual Fall Conference for Advanced Practice Nurses, Minneapolis, MN. (Podium)
- 2001 \* **St. Marie, B.** Qualitative study of pain flare in the chronic pain population. American Society of Pain Management Nursing. Dallas, TX. (Poster)
- 1996 **St. Marie, B.** Pain Management. Intravenous Nursing Society. Charlotte, North Carolina. (Podium)
- 1995 **St. Marie, B.** Nuts and Bolts of Pain Management, American Society of Pain Management Nurses, Dallas, TX. (Podium)
- 1995 **St. Marie, B.** Orthopedic Pain Management. National Association of Orthopedic Nurses, Minneapolis, Minnesota. (Podium)
- 1994 **St. Marie, B.** Pain Management. National Hospice Organization, San Francisco, CA. (Podium)

- 1993 **St. Marie, B.** Epidural Analgesia for the Cancer Patient. Oncology Nurses Society, Orlando, Florida. (Podium)
- 1992 **St. Marie, B.** Epidural Analgesia for the Cancer Patient. Oncology Nurses Society , San Diego, California. (Podium)
- 1992 **St. Marie, B.** Epidural Analgesia. Intravenous Nursing Society, Dallas, Texas. (Podium)
- 1991 **St. Marie,** Panel on pain management. Oncology Nurses Society, San Antonio, Texas. (Podium)
- 1991 **St. Marie, B.** Panel discussion: Standards of Excellence in the Home Infusion Market. HIDA Conference, Las Vegas, Nevada. (Podium)
- 1990 **St. Marie, B.** Pain control for HealthQuest. Advanced Studies Weekend for the Intravenous Nurses Society. Southbend, Indiana. (Podium)
- 1990 **St. Marie, B.** Pain control. Advanced Studies Weekend. Intravenous Nurses Society, Atlanta, Georgia. (Podium)
- 1989 **St. Marie, B.** Home Epidural Analgesia. Intravenous Nursing Society, Miami, Florida. (Podium)
- 1989 **St. Marie, B.** Home Epidural Analgesia. High-Tech Home care, 5th annual national nursing symposium. Ann Arbor, Michigan. (Podium)
- 1988 **St. Marie, B.** Epidural analgesia. Intravenous Nursing Society, San Diego, California. (Podium)

#### Regional

- 2021 <sup>B</sup>**St. Marie, B.** Caring for Patients with Substance Use Disorder. Progressive Nursing Day, March 8. (Virtual)
- 2020 <sup>A</sup>**St. Marie, B.,** Deb Bruene. Case studies of difficult pain situations. Spring. (Virtual)
- 2020 **St. Marie, B.** Innovations in Acute and Chronic Pain Management. Oct. 7. Virtual Meeting for the Iowa Department of Health. (Virtual)
- 2020 **St. Marie,** Pain Management in the Patient with Substance Use Disorder. Virtual Meeting for the Midwest Pain Society, September 26. (Virtual)
- 2020 **St. Marie,** Safe and Effective Pain Management: Prescribing Opioids for Chronic Pain Based on CDC Guidelines. May, 2020. Virtual Meeting for Opioid Response Network, Iowa, Nebraska. (Virtual)
- 2019 <sup>B</sup>**St. Marie,** Recalculating the Direction to Bridge the Pain Gap. Evidence-Based Practice Conference, Coralville, IA. (Podium)
- 2017 **St. Marie, B.,** Wesemann, D. Keeping Our Adolescents Safe by Minimizing Risk to Opioid Misuse. Iowa Department of Public Health, Ankeny, Iowa, September 25<sup>th</sup>. (Podium)
- 2017 <sup>\*</sup>**St. Marie, B.** Psychometric Evaluation of a Clinical Pain Knowledge Tool. Midwest Nursing Research Society, Minneapolis, MN. (Podium)
- 2017 **St. Marie,** Decision Support for Responsible Pain Management. Midwest Nursing Research Society, Minneapolis, MN. (Podium)
- 2014 **St. Marie,** Prescription Opioid Abuse. Minnesota Nurse Practitioner Association, Minneapolis, MN. (Podium)
- 2014 <sup>\*</sup>**St. Marie,** The Experiences of People Living with Chronic Pain While Receiving Opioids to Manage Their Pain in the Primary Care Setting. Midwest Nursing Research Society, St. Louis, MO. (Podium)

- 2013 \* **St. Marie, B.** Coexisting Addiction and Pain. Midwest Pain Society, Chicago, IL. (Podium)
- 2013 **St. Marie, B.** Clinical Implications for Understanding Neuromechanisms of Pain. Midwest Pain Society, Chicago, IL. (Podium)
- 2013 \* **St. Marie, B.** Coexisting Addiction and Pain. Mayo Clinic Proceedings for Advanced Practice Nursing, Rochester, MN. (Podium)
- 2010 <sup>B</sup> **St. Marie, B.** Pain management nursing. Gustavus Adolphus College, 50<sup>th</sup> Nursing Anniversary Celebration. St. Peter, MN. (Podium)
- 1995 <sup>A, B</sup> **St. Marie, B.** Pain Management, two day conference. American Cancer Society, Minnesota Chapter, Brooklyn Center, Minnesota. (Podium)

## SERVICE

### NIH Scientific Grant Review and other Panels

- October 18-19, 2022 Member, Neurobiology of Pain and Itch (NPI) Study Section, Early Career Reviewer.
- December 7, 2022 Participant in Virtual Stakeholder Roundtable with the NIH HEAL Initiative<sup>®</sup> representing American Society for Pain Management Nursing.

### National Research Reviewer

- 2019 Agency for Healthcare Research and Policy (AHRQ). EHC-2019-04-0010 – Nonopioid Pharmacologic Treatments for Chronic Pain. Invited Expert Peer Reviewer.

### Editorial Board

- 2017 - pre Editorial Board Member, Pain and Substance Use Disorders Section, *Pain Medicine* (Impact factor: 3.637)
- 2017 - pre Editorial Board, Member, *Pain Management Nursing* (Impact factor: 2.19)

### Journal Peer Review

- 2018 Journal of the American Medical Informatics Association (JAMIA)
- 2017- 2018 Substance Abuse Treatment, Prevention, and Policy
- 2014- pre Pain Medicine
- 2015 Physical Therapy Journal
- 2013- pre Pain Management Nursing

### Professional Organizations

- 2020 – pre American Academy of Nursing, Member and Fellow
- 2019 – pre International Nurses Society on Addictions (IntNSA), Member
- 2017 – pre American Association of Nurse Practitioners, Member and Fellow

2014 – pre	American Academy of Pain Medicine, Member
2013 -- 2019	American Pain Society, Member
	2017 – 2019 Board of Directors, Member
2012 – pre	Midwest Nursing Research Society, Member
	2014 – 2016 Pain and Symptom Management Research Interest Group, Chair
	Impact: Facilitated name change to Symptom Management RIIG
	2019 – present Program Planning Committee
	2022 – 2023 Program Planning Committee, Chair-elect
	2021 – Competitive Symposia Review Committee, Chair
	2023 – Program Planning Committee, Chair
2012 – pre	Midwest Pain Society, Member
	2014 – 2018 Scientific Program Committee, Member
2006 – pre	Sigma Theta Tau International, Eta Nu Chapter, Member
2000 – 2003	American Pain Society, Member
2006 – 2008	American Pain Society, Member
1995 – 1996	Sigma Theta Tau International, Chi Chapter, Member
1992 – Pre	American Society for Pain Management Nursing, Member
	2013 – 2015 Board of Directors, Member
	2015 – present Research Committee, Member
1985 – 1995	Intravenous Nurses Society, Member
	1990 – 1992 National Board of Examiners, Member

#### **State Committee Member**

2016- 2018	Adolescent Workforce Subcommittee, Iowa Department of Public Health.
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#### **Advisory Board/Consultant**

2022	Collaboration for REMS Education (CO*RE), Faculty Advisory Board Member.
2019	REAL CO*RE online entitled, <i>Pain Management and Opioids: Balancing Risks and Benefits</i> . <a href="https://www.medscape.org/viewarticle/919844?src=acdmpr_rpc_919844">https://www.medscape.org/viewarticle/919844?src=acdmpr_rpc_919844</a> Resulted in 18,165 <u>completed</u> learners in less than one year. Roles: Writer, editor, faculty.
2010 – 2019	Collaboration for REMS Education (CO*RE), Advisory Board Member.
2017 – 2018	American Hospital Association, Opioid Advisory Council, consultant.

#### **Field Reviewer**

2010	Invited by the Center for Substance Abuse Treatment, to participate as Field Reviewer of a document on pain and addiction. The citation is Substance Abuse and Mental Health Services Administration. <i>Managing Chronic Pain in Adults With or in Recovery From Substance Use Disorders</i> . Treatment Improvement Protocol (TIP) series 54. HHS Publication No. (SMA) 12-4671. Rockville, MD: Substance Abuse and Mental Health Services Administration, 2011.
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## **Testimony Before Governmental and Regulatory Agencies**

- 2017      <sup>A</sup> Congressional Briefing for the American Association of Colleges of Nursing, presentation *Role of Nursing Research in the Midst of the Opioid Crisis* Washington, D.C. December.
- 2011      REMS CO\*RE development group. Co-wrote the Curriculum for REMS education for prescribers that coincided with the FDA recommendations for implementing Risk Evaluation and Mitigation Strategies education. The goal was to provide education of prescribers making prescription opioids more safe and effective for the management of pain. Chicago, IL. I was representing the Nurse Practitioner Healthcare Foundation.
- 2011      Testify before the Institute of Medicine Committee on Advancing Pain Research, Care and Education. The 2010 Patient Protection and Affordable Care Act required the Department of Health and Human Services to enlist the IOM in examining pain as a public health problem. The IOM appointed this committee on Advancing Pain Research, Care and Education. I testified before this committee on Feb, 2011, on the need for addressing pain and addiction and the role of the Nurse Practitioner in prevention, research, care, and education. Afterward, a report was created by the committee offering a blueprint for action in transforming prevention, care, education, and research with the goal of providing relief for people with pain in American. This committee released a publication entitled *Relieving Pain in America*. February
- 2011      REMS Summit: Impact on Primary Care Prescribers. June 11, 2011 participant in a panel for developing Core Curriculum items in anticipation of the FDA pushing forward Risk Evaluation and Mitigation Strategies education requirements for prescribers of opioids for the management of pain.
- 2010      Testify before the FDA Advisory Panel: Members of the Anesthetic and Life Support Drugs Advisory Committee and the Drug Safety and Risk Management Advisory Committee, Washington, D.C. October 22, 2010. My testimony exposed the seriousness of prescription drug abuse, the need for abuse deterrent formulation of opioids, and recommended ways of communicating benefits of abuse deterrent formulations in patients with the disease of addiction. October
- 2010      REMS Summit: Impact on Primary Care Prescribers, Chicago, Illinois. Represented the Nurse Practitioner Healthcare Foundation. July

## **Media Activities**



2017 - 2020	University of Iowa Health Care Pain Management Task Force
2017	Council of Deans Ad Hoc Committee on Open Educational Resources
2016 -- pre	UIHC Department of Nursing Services Pain Committee
2016 – pre	University of Iowa Injury Prevention Research Center (UI IPRC)
	2022 National Center for Injury Prevention and Control (CDC)
	<u>Research Lead for the Drug Overdose Team</u> : Discuss collaborative research that will impact practice and policy activities, broaden partner networks, address emerging issues in the field, provide mentoring and technical assistance.
	2017 Stakeholders meeting – Des Moines, IA, to facilitate Policy and Program Recommendations to Reduce Opioid Overdose and Deaths in Iowa. Compared Iowa’s policies and programs to Johns Hopkins report recommendations. Report available at <a href="https://iprc.public-health.uiowa.edu/wp-content/uploads/2017/10/UIIPRC_Opioid_Report-17.web_.pdf">https://iprc.public-health.uiowa.edu/wp-content/uploads/2017/10/UIIPRC_Opioid_Report-17.web_.pdf</a>
	2019 Stakeholders meeting – Des Moines, IA, to identify priorities to address overdose concerns. Report available at <a href="https://iprc.public-health.uiowa.edu/wp-content/uploads/2020/02/UIIPRC_Overdose_Report_Feb2020.pdf">https://iprc.public-health.uiowa.edu/wp-content/uploads/2020/02/UIIPRC_Overdose_Report_Feb2020.pdf</a>

### **Volunteer Service**

#### **University of Iowa College of Nursing Collegiate Service**

2022- pre	Peer Group Review
	November, 2022, Peer Group for Promotion to Tenure
	January, 2023, Reappointment Tenure Track Peer Group Review
2022 – pre	MSN Second Degree Admissions Committee, College of Nursing, University of Iowa
2020 -- 2022	MSN Second Degree Design work group, College of Nursing, University of Iowa
2020	Mission Statement revision work group, College of Nursing, University of Iowa
2020 – pre	Lead Facilitator, Pain Special Interest Group, College of Nursing
2019	Center for Teaching’s Early Career Faculty Academy, presentation
2019	Research Fair – Research opportunities for helping curb the opioid crisis . Round Table, Facilitator.
2014 – 2022	Scholarship Committee, member, College of Nursing, University of Iowa
2014 – pre	BSN Admissions’ Committee, member, College of Nursing, University of Iowa

### **Misc. Activity**

2022	Addiction Grand Rounds, Fall presentation. Decision Support for Responsible Pain Management using Vignettes.
2016 – 2020	Injury Prevention Research Center, School of Public Health, University of Iowa. This group discusses and facilitates policy and program recommendations in the area of Iowa opioid overdose and deaths.

2018 University of Iowa Opioids Lab, participant. This was a competitive application across University of Iowa Campus to recruit people to participate in a Opioid Think Tank. This resulted in my two grant applications, R21, and UG3/UH3.

## **Mentoring**

### **Post-doc**

2023 - Morton, Jamie, PhD, RN. Postdoctoral Research Fellow, Interdisciplinary Training Program in Pain Research T32 Training Grant, through NIH/NINDS. (Mentor, College of Medicine)  
MNRS, Des Moines, IA Conference. Podium presentation. Recipient of *Dissertation Award through Perinatal, Sexual, & Reproductive Health RIIG*.

### **PhD Students**

2021- pre Chen, Shaoshuai (Shirley), (PhD student, College of Nursing).  
Poster session for Midwest Nursing Research Society Conference, Des Moines, IA (3/30/2023).  
Poster session and podium presentation on “Testing the Decision Support Tool for Responsible Pain Management (DS-RPM) for Headache and Opioid Risk Stratified Treatment with urgent Care Patients. US Association for the Study of Pain, Durham, NC (4/13/2023). Received *Outstanding Abstract Award through Pain and Addiction SIG at USASP*.

2021- WD Porter, Brooke, (PhD student, College of Nursing)  
2021 Morton, Jamie, (PhD student, University of Missouri), Project Title: Exploring Perinatal Prescription Opioid Use and Misuse in Rural Settings.  
Grant Funded: Joseph and Kitty Buckwalter Research Award, MNRS \$2,500.  
Podium presentation at Midwest Nursing Research Society Conference on “Rural and Urban Women of Childbearing Age who have Used or Misused Prescription Opioids.” Des Moines, IA (3/30/2023). Received Outstanding Dissertation Award through the Perinatal, sexual, and Reproductive Health RIIG 2022-2023.

2020 Morton, Jamie, (PhD student, University of Missouri), Project Title: Exploring Perinatal Prescription Opioid Use and Misuse in Rural Settings  
Grant: F31, Ruth L Kirschstein Predoctoral Individual National Research Service Award FOA#: PA-20246 University of Missouri, PI: Dr. Linda Bullock (Not Awarded). (Consultant)

2020- 2022 Laures, Elyse, Dissertation Committee member.  
Project Title: Pain Assessment Practices for Critically Ill Children  
Grant Funded: American Society for Pain Management Nursing, \$5,000.00.  
Publication submitted and revisions Fall, 2022. (Consultant)

2019-2020 Jimmerson, Andrea (PhD student, College of Nursing)  
2019 – 2020 Research Assistant (K23, National Institute on Drug Abuse)  
2020: Abstract/Poster: American Society for Pain Management Nursing (October)  
2020: Publication accepted: Western Journal of Nursing Research. This was Andrea’s first publication and she was 2<sup>nd</sup> author.

2017-2018 Viyyuri, Brahmedra Reddy (PharmD, PhD student, College of Pharmacy)

- 2017 – 2018 Research Assistant (pilot study, factorial survey)
- 2018 Abstract presentation, Midwest SAPH Conference, August. (Podium)
- 2018 Publication: Innovations in Pharmacy. M SAPH - INNOVATIONS in pharmacy, - pubs.lib.umn.edu
- 2019 Presentation accepted, March. American Pharmacist Association (APhA) – Seattle, WA
- 2020 Publication accepted: Pain Management Nursing

### **DNP Students**

- 2023- Emilyly Brodeur, (Member, Mentor), Project Title: TBD
- 2022- Courtney Martin, (Chair), Project Title: Knowledge Deficits About Stress Management Can Lead to Obesity and Comorbidities
- 2022- WD Rhonda Davis, (Chair), Project Title: Spravato® (esketamine) for Treatment Resistant Depression and the Circadian Rhythm
- 2022- Weston Bietz, (Chair), Project Title: Universal Mental Health Screening in Schools: Improving the Identification and Referral of at-risk Adolescents
- 2022- Courtney McIntire, (Chair), Project Title: Implementing SBIRT into Adolescent Mental Health Clinic
- 2022- Chelsea Ratchford, (Chair) Project Title: Stigma in people with SUD
- 2020-2022 Sass, Julia, Project Title: Education program inpatient nurses caring for individuals with opioid use disorder (Project Chair)
- 2020-2021 Rogers, Brandon, Project Title: De-escalation training and staff confidence in care for residents with Huntington's Disease (Faculty Advisor). Publication submitted to Journal of Huntington's Disease, Fall, 2022.
- 2020-2021 Sly, Molly, Project Title: LGBTQ barriers and facilitators in VA Care (Faculty Advisor). Mentoring on her first publication.
- 2018-2020 Panicucci, Thomas, Project Title: Standardizing Interdisciplinary Bedside Rounds in the Pediatric Intensive Care Unit. (Faculty Advisor)
- 2017-2019 Schultz, Emily Abbas, Project Title: Understanding Mental Health Providers use of the Prescription Drug Monitoring Program at a Veterans Affairs Clinic (Committee Member)
- 2016-2018 Clark, Natasha, Project Title: Women with Chronic Pelvic Pain Use of Meditation (Faculty Advisor)

### **BSN Students**

#### **Honors Advisor**

- 2023- Josie Wiese, Honors, Evaluating the evidence-based practice for opioid-tolerant vs non-opioid tolerant sedation management in the ICU. Designing a QI project.
- 2022-2023 Heather DeBruin, Independent Study, Disparities in Opioid Management for Pain. Submitted manuscript entitled: Health disparities in ethnic and racial minority populations with pain and opioid use disorder.
- 2021- WD Hoogeveen, Lona, Honors: Bias of Nursing Students Caring for Patients with Substance Use Disorder.
- 2019-2020 McNab, Christina, Honors: Usability and Sustainability of Naloxone patient education in the emergency department.

	<u>Dissemination:</u> Presentation to the University of Iowa Healthcare and Clinics, Nursing Pain Management Committee
2018-2020	Gartian, Casey, Honors: Bias of Nursing Students Caring for Patients with Substance Use Disorder. <u>Dissemination:</u> Presentation to College of Nursing Council on Curriculum, the BSN Forum, and the DNP-MSN Forum
2017-2018	Pfaffle, Morganne, Honors: Integrating Core Competencies in Evaluating Nurses' Knowledge of Pain Management. Resulted in a written report.

## TEACHING

### Instructional Activities

#### Course Instruction.

Spring 2023	NURS: 7509 Research Residency, Instructor, PhD student (1)
Spring 2023	NURS: 7803:0807 Research Practicum, Instructor, PhD student (1)
Spring 2023	URES:3992:0731Independent Study, Instructor, UG student (1)
Spring 2023	NURS: 3737 Care of the Patient in Pain. Co-Instructor. UG (25)
Spring 2023	NURS: 5022 Physiology, Pathophys, Pharm II for CNL. Primary Instructor. Grad (2)
Fall 2022	NURS: 6829 Doctor of Nursing Practice Project I. Instructor. Grad (6)
Fall 2022	NURS: 3737 Care of the Patient in Pain. Co-Instructor. UG (22)
Fall 2022	NURS: 5021 Physiology, Pathophys & Pharm I for CNL. Primary Instructor. Grad.(2)
Spring 2022	NURS: 5022 Physiology, Pathophys & Pharm II for CNL. Prim Instructor. Grad. (5)
Fall 2021	NURS: 5021 Physiology, Pathophys & Pharm I for CNL. Primary Instructor. Grad.(5)
Fall 2021	NURS: 6829 Doctor of Nursing Practice Project III. Primary Instructor. Grad (1)
Spring 2021	NURS: 6829 Doctor of Nursing Practice Project IV. Primary Instructor. Grad (2)
Fall 2020	NURS: 5021 Physiology, Pathophys & Pharm I for CNL. Primary Instructor. Grad. (6).
Fall 2020	NURS: 6828 Doctor of Nursing Practice Project III. Primary Instructor. Grad. (2).
Spring 2020	NURS: 6829 Doctor of Nursing Practice Project IV. Primary Instructor. Grad. (1).
Spring 2020	NURS: 4099 Honors Independent Study. Primary Instructor. (2).
Summer 2019	NURS: 7509 Research Residency. Primary Instructor. Grad. (1).
Spring 2019	NURS: 6827 Doctor of Nursing Practice Project II. Primary Instructor. Grad. (1).
Fall 2018	NURS: 5021 Physiology, Pathophys & Pharm I for CNL. Primary Instructor. Grad. (5).
	NURS: 6826 Doctor of Nursing Practice Project I. Primary Instructor. Grad. (1).
Fall 2017	NURS: 5023 Pathophysiology for Adv Clin Practice I. Primary Instructor. (31).
	NURS: 5034 Pharmacotherapeutics for Adv Prac Nsg II. Primary Instructor. (24).
Spring 2017	NURS: 4099 Honors Independent Study. Primary Instructor. (1).
Fall 2016	NURS: 5023 Pathophysiology for Adv Clin Practice I. Primary Instructor. (37).
	NURS: 5033 Pharmacotherapeutics for Adv Prac Nsg I. Primary Instructor. (29).
	NURS: 5029 Pharmacotherapeutics for Adv Clin Pract. Primary Instructor. (26).
Fall 2015	NURS: 5025 Physiology & Pathophys for Adv Clin Prac. Primary Instructor. (41).
Fall 2014	NURS: 5025 Physiology and Pathophysiology for Advanced Clinical Practice. Primary Instructor. (55).

**Guest Lecture**

- Spring 2022 PTRS:7901 Clinical Correlates of Pain, Syndromes and Management. Two guest lectures: Interdisciplinary panel, Pain and Addiction (2020). (Kathleen Sluka, Primary Instructor)
- Spring 2022 NURS: 6201 Primary Care: DNP; Guest lecture on Pain Management in the Primary Care setting. (Andrea Achenbach, Primary Instructor)
- Spring 2021 NURS: 5023 Physiology & Pathophysiology for Adv Clin Prac.: Pain and Addiction. (Amalia Gedney-Lose, Primary Instructor)
- Spring 2021 NURS:5033 Pharmacotherapeutics for Adv Prac Nsg: Gerontology and Pain. (Jane Stickney, Primary Instructor)
- Spring 2021 NURS:7006 Theory and Model Development. Limited and Bounded Rationality. (Stephanie Gilbertson-White, Primary Instructor)
- Spring 2021 PTRS:7901 Clinical Correlates of Pain, Syndromes and Management. Two guest lectures: Interdisciplinary panel, Pain and Addiction (2020). (Kathleen Sluka, Primary Instructor)
- Spring 2021 Developing Scholars Group. NIH summary statement review. (Janet Williams and Linda Hand, Primary Instructors)
- Spring 2020 PTRS:7901 Clinical Correlates of Pain, Syndromes and Management. Interdisciplinary panel (Kathleen Sluka, Primary Instructor)
- Spring 2020 NURS:6201 Primary Care: Adult and Older Individual: CDC guidelines and chronic pain. (Andrea Achenbach, Primary Instructor)
- Spring 2019 PTRS:7901 Clinical Correlates of Pain, Syndromes and Management. Interdisciplinary panel (Kathleen Sluka, Primary Instructor)
- Fall 2019 Developing Scholars Group. Use of elevator speech. (Janet Williams, Primary Instructor)
- Spring 2018 PTRS:7901 Clinical Correlates of Pain, Syndromes and Management. Interdisciplinary panel (Kathleen Sluka, Primary Instructor)

**Other Course Instruction**

- 2012 – 2014 Teaching Assistant (Volunteer to Joann Eland). University of Iowa College of Nursing. Topic: Nursing Care of the Patient in Pain
- 2003 – 2014 Clinical Preceptor for University of Minnesota. Topic: Pain Management and Palliative Care
- 1985 Clinical instructor for Minneapolis Community and Technical College. Topic: RN Board Review.
- 1984-1985 Clinical instructor for Minneapolis Community and Technical College. Hmong refugee program. Topic: Orthopedic Nursing 10 students