

Christina Werman, DO

EDUCATION

August 2020	Family Medicine Physician St. Joseph's Family Medicine Residency Program <i>University of Minnesota, St. Paul, MN</i>
May 2017	Doctor of Osteopathic Medicine Kirksville College of Osteopathic Medicine <i>A.T. Still University of Health Sciences, Kirksville, MO</i>
May 2011	Bachelor of Biomedical Engineering Specialty in Cell and Tissue Engineering <i>University of Minnesota Twin Cities, Minneapolis, MN</i>

LICENSURE

2018-Present	Active Minnesota License and DEA
2022	IBCLC

CERTIFICATIONS

2018-2022	ALSO , American Academy of Family Physicians
2017-2020	NRP , American Academy of Pediatrics
2016-2020	PALS , American Heart Association
2015-2021	ACLS , American Heart Association
2013-2021	BLS , American Heart Association

CLINICAL EXPERIENCE

October 2020-2022	Family Medicine Physician with Obstetrics M Health Fairview <i>Midway Clinic St. Paul, MN</i> <i>St. John's Hospital Maplewood, MN</i>
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RESEARCH EXPERIENCE

2014-2015	Advancing Skills in Osteopathy under Brian Degenhardt, D.O. <i>A.T. Still Research Institute, A.T. Still University of Health Sciences</i> <i>Kirksville, MO</i> - Utilized technology to improve palpation accuracy and reliability while collecting data to explore relationships between accuracy and reliability of inter-examiner and intra-examiner palpation.
Presentation/Proceeding	Werman, Christina R. , Abbie Bruning, Janeeka Benoit, Vanessa Pazdernik, Brianna Bellinger, Emily Webb, and Brian Degenhardt. <i>Relating Accuracy of Asymmetrical Assessment of Osteopathic Medical Students in Directional Diagnosis on Standardized Pelvic Models and Humans</i> . OMED 2015 Osteopathic Medical Conference & Exposition. Orlando, Florida, USA. October 17-21, 2015.

RESEARCH EXPERIENCE (CONTINUED)

	Bruning, Abbie J., Christina Werman , Nicholas Daering, Caleb Piatt, Shalini Bhatia, Brianna Bellinger, Steve Webb, Brian Degenhardt. <i>Assessing the Influence of Examiner Characteristics on Palpatory Force in Osteopathic Medical Students</i> OMED 2015 Osteopathic Medical Conference & Exposition. Orlando, Florida, USA. October 17-21, 2015.
Award	First Place in Student Poster Competition AOA 2015 OMED
2010-2011	Directed Research under Victor Barocas, Ph.D. <i>University of Minnesota Department of Biomedical Engineering Minneapolis, MN</i> - Mechanically tested and SEM imaged different cellular matrices to further tissue engineering.
Publications	Lai, Victor K., Christina R. Frey , Allan M. Kerandi, Spencer P. Lake, Robert T. Tranquillo, and Victor H. Barocas. "Microstructural and Mechanical Differences between Digested Collagen–fibrin Co-gels and Pure Collagen and fibrin Gels." <i>Acta Biomaterialia</i> 8.11 (2012): 4031-42. Lai, Victor K., Spencer P. Lake, Christina R. Frey , Robert T. Tranquillo, and Victor H. Barocas. "Mechanical Behavior of Collagen-Fibrin Co-Gels Reflects Transition From Series to Parallel Interactions With Increasing Collagen Content." <i>Journal of Biomechanical Engineering</i> 134.1 (2012).
Presentation/ Proceeding	Frey, Christina R. , Victor K. Lai, and Victor H. Barocas. <i>Structural and Mechanical Differences Between Pure Collagen and Fibrin Gels and Partially Digested Co-Gels</i> . Proc. of ASME 2011 Summer Bioengineering Conference. Farmington, Pennsylvania, USA. June 22–25, 2011. 931-32.
Award	First Place in Undergraduate Competition ASME 2011 SBC

PROFESSIONAL MEMBERSHIPS

2017-Present	Member , American Academy of Family Physicians
2020-Present	Associate Member , American College of Obstetricians and Gynecologists

OTHER WORK EXPERIENCE

2012- 2013 Research and Development Engineer	<i>American Medical Systems, Minnetonka, MN</i>
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