

# ELIZABETH NISPER

## EDUCATION

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**MD** Central Michigan University College of Medicine August 2020-May 2024

**BS** Grand Valley State University Honors College, Psychology August 2015-2019  
Magna Cum Laude; 3.94 cumulative GPA  
Minor in French; summer 2017 study abroad in Paris and Bordeaux

Grandville High School May 2015  
Top 10% of class; 4.109 GPA  
Obtained Basic EMT certification senior year

## WORK EXPERIENCE

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**Corewell Health Grand Rapids/Michigan State University,**  
Emergency Medicine Resident Physician, Grand Rapids, MI  
07/2024-present

- Clinical Instructor Faculty position at Michigan State University College of Human Medicine

**Helix Scribe Solutions,** Associate Medical Scribe, Grand Rapids, MI  
08/2018-07/2020

- 40-50 hr/week
- Documentation in emergency medicine, orthopedic hand surgery, orthopedic spine surgery, and orthopedic trauma
- Administrative duties included training new scribes, auditing charts, and grading materials for the scribe academy.

**Grand Valley State University Chemistry Success Center,** Tutor, Allendale, MI  
08/2018-05/2019

- 10 hr/week
- Tutoring for 100 and 200-level chemistry courses

**Sundance Grill and Bar,** Certified Server Trainer, Grand Rapids, MI  
05/2016-08/2018

- 20 hr/week
- Skills included multitasking, problem-solving, leadership, communication, and working as a team in a fast-paced environment.

**Spectrum Health Butterworth Hospital,** Nutrition Services Technician, Grand Rapids, MI  
08/2017-11/2017

- 20 hr/week
- Meal delivery to patient rooms in accordance with medical dietary restrictions

**The Main Street Pub,** Hostess/Server, Allendale, MI

05/2015-05/2016

- 20 hr/week
- Execution of quality assurance practices to ensure positive customer dining experiences in a university environment.

**Arby's, Crew Member, Grand Rapids, MI**

03/2013-05/2015

- 16 hr/week
- Demonstration of genuine hospitality by greeting and establishing a rapport with guests

#### **HONORS AND AWARDS**

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<b>Alpha Omega Alpha Honor Medical Society</b> Zeta Michigan Chapter at Central Michigan University College of Medicine	2023
<b>Michigan Physiological Society: 2<sup>nd</sup> place thematic poster presentation</b>	2022
<b>Central Michigan University College of Medicine Summer Scholar Recipient</b>	2021
<b>General and Organic Chemistry Awards</b> Grand Valley State University departmental awards	2017 and 2018
<b>Jenison Psychological Association Scholarship Recipient</b>	2015
<b>Phi Kappa Phi Inductee</b>	2017
<b>Psi Chi Inductee</b> International Honor Society in Psychology	2016

#### **PROFESSIONAL ORGANIZATIONS**

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<b>Emergency Medicine Residents' Association</b> Pediatric Emergency Medicine Committee	2021
<b>Society for Academic Emergency Medicine</b>	2021
<b>Michigan College of Emergency Physicians</b>	2021
<b>American College of Emergency Physicians</b> Pediatric Emergency Medicine Section	2021
<b>American Medical Student Association</b>	2020

#### **LEADERSHIP**

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<b>Michigan College of Emergency Physicians</b> <ul style="list-style-type: none"><li>• Secretary</li></ul>	2025-current
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<b>American College of Emergency Physicians</b>	2025-current
<ul style="list-style-type: none"> <li>• EMRA representative to section on trauma and injury prevention</li> </ul>	
<b>House Staff Council</b>	2024-current
<ul style="list-style-type: none"> <li>• Emergency Medicine residency representative</li> </ul>	
<b>Rare Diseases Student Interest Group</b>	2021-2022
<ul style="list-style-type: none"> <li>• Organization of several events open to the student body including hosting speakers about amyloidosis and lymphangiomatosis.</li> </ul>	
<b>Health Fair Committee</b>	2020-2022
<ul style="list-style-type: none"> <li>• OB/GYN, urology, and logistics subcommittee leader 2020-2021</li> <li>• Co-leader of a committee comprised of 50 students in partnership with MyMichigan Health 2021-2022</li> </ul>	
<b>CMed Mentors</b>	2020-2021
<ul style="list-style-type: none"> <li>• Pre-medical student peer mentor</li> </ul>	
<b>Michigan State University College of Human Medicine Pipeline</b>	2019
<ul style="list-style-type: none"> <li>• Mentorship program between Grand Valley State University and area underserved districts for high schoolers interested in a career in medicine.</li> </ul>	

## RESEARCH EXPERIENCE

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<b>Corewell Health West; Department of Emergency Medicine</b>	
<b>Michigan State University College of Human Medicine, Grand Rapids, MI</b>	
Primary Investigator with Emmy Grinstead, MD	2025
Project Title: Comparison of Large Language Models in the Diagnosis of Challenging Pediatric EM Cases	
<b>Central Michigan University College of Medicine: Field Neurosciences Institute</b>	
<b>Laboratory for Restorative Neurology, Mount Pleasant, MI</b>	
Research Assistant	2020-2022
PI: Julien Rossignol, PhD	
Project Title: CRISPR-Cas9 targeting of signaling pathways to reprogram astrocytes into functional neurons post-stroke	
Project Title: Intranasal Dendrimer Delivery in Adult Rats	
<b>Central Michigan University College of Medicine, Mount Pleasant, MI</b>	
Medicine and Society Research Project	2020-2022
Mentor: Ariel Cascio, PhD	
Project Title: Identifying social determinants of health and COVID-19-related health outcomes in Native American Populations: A Scoping Review	
Medical Humanities Research Project	2020-2022
Project Title: "Advice I've Received from a Role Model I've Never Met"	

Research Assistant 2022  
Mentor: Jyotsna Pandey, MD  
Project Title: Melanoma Metastases to Abdominal Cavity: Case Report

**Corewell Health Lakeland**, Saint Joseph, MI  
Primary Investigator with Phillip Whitman, DO 2024  
Mentor: Dr. Matthew Hysell  
Project Title: Improving Smartphone Documentation of Slit-Lamp Examination in the Emergency Department

Research Assistant 2022  
Mentor: Amanda Lemp, DO  
Project Title: Osteopathic Manipulative Therapy During Pregnancy

Research Assistant 2022  
Mentor: Matthew Hysell, DO  
Project Title: Prescribing Folate out of the ED for Positive Pregnancy Tests

Research Assistant 2022  
Mentor: Amanda Lemp, DO  
Project Title: Vaccination Fact Sheets in Niles Family Medicine Clinic During Pregnancy: Quality Improvement Project

**Grand Valley State University: Honors College**, Allendale, MI  
Honors Senior Project 2019  
Mentor: Jane Toot, PhD  
Project Title: The Benefits and Accessibility of Integrative Exercise in Geriatric Populations

**Grand Valley State University: Department of Psychology**, Allendale, MI  
Research Assistant 2016  
Mentor: Katie Corker, PhD  
Project Title: Study 597 (Cognitive Skills Study)

## **PUBLICATIONS**

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Nisper, Elizabeth, "The Benefits and Accessibility of Integrative Exercise in Geriatric Populations" (2019). *Honors Projects*. 743.  
<https://scholarworks.gvsu.edu/honorsprojects/743>

Hysell, Matthew MD, Nisper, Elizabeth MS4, Berberian, Jeremy MD, "EMRA ECG Challenge – Digoxin" (2025). *EM Resident*.

## **RESEARCH PRESENTATIONS**

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Project Title: Increasing enrollment in Supplemental Nutrition Program for Women, Infants, and Children (WIC) Early in Pregnancy

- Michigan State University College of Human Medicine Fall Virtual Scholarly Activity Symposium

- Great Lakes Pediatric Research Day

Project Title: CRISPR-Cas9 targeting of signaling pathways to reprogram astrocytes into functional neurons post-stroke

- Medical Student Research Forum
- CMed/CMEP 2022 Research Symposium
- 2022 Student Creative & Research Endeavors Exhibition
- Michigan Physiological Society: 2<sup>nd</sup> place thematic poster presentation

Project Title: Identifying social determinants of health and COVID-19-related health outcomes in Native American Populations: A Scoping Review

- Poster and Oral Presentation: Medical Student Research Forum

Project Title: A-2649 Modified-Surface PAMAM Dendrimers: A Versatile Platform for DNA and Drug Delivery Applied to Stroke and Glioblastoma

- International Conference on Materials for Advanced Technologies (ICMAT2023)

Project Title: Osteopathic Manipulative Therapy During Pregnancy

- Corewell Health Lakeland Residency Research Forum

## COMMUNITY SERVICE

<b>Women in Medicine Event</b> , Organizer and Volunteer, St. Joseph, MI	2023
<b>Isabella County Restoration House</b> , Volunteer, Mount Pleasant, MI	2022
<ul style="list-style-type: none"> <li>• Cleaning, working in the kitchen, and interacting with residents</li> </ul>	
<b>Be the Match Donor and Campus Advocate</b> , Donor and Volunteer	2021-2022
<ul style="list-style-type: none"> <li>• Donated March 2021, volunteered at sign-up drives on campus</li> </ul>	
<b>COVID-19 Vaccine Administration</b>	2021
<ul style="list-style-type: none"> <li>• Multiple area vaccine clinics</li> </ul>	
<b>Girl Scout Ambassadors</b> , Presenter	2020
<ul style="list-style-type: none"> <li>• First Aid Badge presentation to a group of high school Girl Scouts</li> </ul>	
<b>COVID Sitters</b> , Volunteer	2020
<ul style="list-style-type: none"> <li>• Volunteer babysitter for healthcare workers during the start of the COVID pandemic</li> </ul>	
<b>Pre-medical Club Grand Valley State University</b> , Allendale, MI	2017-2019
<ul style="list-style-type: none"> <li>• Multiple volunteer opportunities around campus including Relay for Life, blood drives, and developing a campus Universities Allied for Essential Medicines chapter</li> </ul>	
<b>Remembrance Reformed Church</b> , Community Involvement	2011-2020
<ul style="list-style-type: none"> <li>• Mission trips to South Dakota, Traverse City, and Philadelphia.</li> </ul>	

- Volunteering in the Grand Rapids community with organizations such as God's Kitchen and Dégagé.

**Kid's Food Basket**, Volunteer, Grand Rapids, MI

2012-2020

- Packing lunches, sorting food, and decorating lunch bags for area school districts

## **CERTIFICATIONS**

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ATLS	2024
FCCS	2024
NRP	2024
ACLS	2024
PALS	2024
MAT Training	2023
BLS	2022
Biosafety	2020
Blood-borne pathogens	2020
Lab safety	2020
CITI certifications in lab safety research and biomedical research	2020
HIPAA	2020

## **LANGUAGES**

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**English:** Native Language

**French:** Intermediate to Advanced Speaking and Listening, Advanced Reading and Writing

## **HOBBIES AND INTERESTS**

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Reading, fitness (especially running), traveling, baking, trying new restaurants, spending time with family, board games