Kira Voelker, BS & BA

Curriculum Vitae
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Education

Purdue University, West Lafayette, IN
Bachelor of Science, May 2024
Bachelor of the Arts, May 2024
Majors: Psychological Sciences and Comparative Literature

Professional Experience

Parkview Mirro Center Research and Innovation, Fort Wayne, IN   May 2023-Current
Full-time Research Assistant
Supervisor: Dana Albright, Ph.D.
- Conducted novel research through multi-institutional collaboration pertaining to diabetes and psychological variables
- Oversaw data collection and statistical analysis
- Gathered and analyzed data precisely using scientific and statistical techniques

Purdue University Datamine, West Lafayette, IN   August 2022-May 2024
Undergraduate Research Assistant
Supervisor: Laura Moffat, Ph.D.
- Compiled data points using MIMIC-IV dataset to train a neural network to predict cardiac arrest
- Collaborated with Purdue Data Mine to gain valuable insight on the coding for the neural network
- Prepared research for peer-reviewed submission and poster fairs

Research Experience

Parkview Mirro Center for Research and Innovation, Fort Wayne, IN   May 2023-Current
Full-time Research Assistant
CoE EMA and CGM Literature Review
Supervisors: Dana Albright, Ph.D. & Kara Mizokami-Stout, M.D.
- Multi-institutional collaboration looking at EMA and CGM data used to measure diabetes and psychological variables
- Collaborated with University of Michigan and JDRF Center of Excellence
- Gained important insights into the comorbidities that exist between diabetes and mental health
- Performed a comprehensive literature search across various databases including PubMed, Elsevier Embase, and EBSCOhost
- Lead review of articles for inclusion and exclusion criteria
- Completed data analysis, thematic coding, and data cleaning
- Contributed to regular research team meetings to review articles and thematic coding
- Facilitated dissemination of work through poster abstract submission to Society of Behavioral Medicine Conference and submitted manuscript to peer-reviewed journal

Examination of Social Context of Type 1 Diabetes Through Social Media   May 2023-Current
Supervisors: Dana Albright, Ph.D., Jessica Pater, Ph.D., & Jessica Kichler, Ph.D.
- Multi-institutional collaboration with the University of Windsor characterizing the lived social support network for individuals with diabetes across social media platforms
- Hand-collected 800 unique data points on Instagram
- Joint development of thematic coding on key variables
- Data cleaning and thematic analysis to accurately measure support across platforms
- Contributed to research meetings to coordinate research tasks

- Provided umbrella supervision for 2 interns analyzing eating behaviors & diabetes sub analysis
- Maintained records for Instagram, Twitter, and Reddit data
- Facilitated dissemination of work through poster abstract submission to Society of Behavioral Medicine Conference and submitted manuscript to peer-reviewed journal

Certified Behavioral Community Health Clinic (CCBHC) Needs Assessment   July 2024-Current
Supervisors: Dana Albright, Ph.D. & Fayika Farhat Nova, Ph.D.
- Federally funded grant by Substance Abuse and Mental Health Services Administration (SAMHSA)
- Reviewed electronic health records (EHRs) to gather data regarding mental health and service utilization in the community
- Integrated EPIC reporting dashboard to extract EHR data and facilitate randomization across multiple clinical settings
- Exhibited adherence to HIPAA regulations, and ensured the secure organization of patient health information through diligent record keeping and data access controls

Purdue University Data Mine, West Lafayette, IN   August 2022- May 2024
Undergraduate Research Assistant
Early Prediction of In-Hospital Cardiac Arrest
Supervisors: Laura Moffat, Ph.D. & Mark Ward, Ph.D.
- Gained valuable insight into accurately training a neural network to predict in-hospital cardiac arrest using vital signs
- Developed effective skills in collaboration in a detail-oriented setting that focuses primarily on preventing in-hospital cardiac arrest
- Organized encrypted patient data and maintained source documents following good documentation practices
- Conducted a literature review to determine T-SMOTE's ability to accurately predict cardiac arrest
- Prepared research for reports, presentations, and submission to peer-reviewed journal

Assisted Research Activities
Parkview Mirro Center for Research and Innovation, Fort Wayne, IN
Full-time Research Assistant
Evaluation of Technology Use and Design Session for Blood Glucose Monitoring in Individuals with Diabetes and Prediabetes
Supervisors: Dana Albright, Ph.D. & Michelle Drouin, Ph.D.
- Recruited and communicated with patients who fit inclusion criteria for design session
- Participated in a run-through of technology and weighed in on design and use
- Bolstered design session, and took note of patient preferences for technology
- Developed valuable communication and listening skills
- Enhanced inter-personal skills through collaborations with colleagues, patients, and stakeholders
- Conducted literature review to support manuscript writing
- Facilitated dissemination of work through poster abstract submission to Society of Behavioral Medicine Conference and submitted manuscript to peer-reviewed journal

Grant Development for Advancing Trauma-Informed Care for AI-driven Mental Health Chat Bots
Supervisors: Dana Albright, Ph.D. & Fayika Farhat Nova, Ph.D.
- Conducted literature review to support grant development and writing
- Observed grant development process
- Learned about mental healthcare via AI technology

Community-Based Participatory Research to Improve Nutrition and Lifestyle Behaviors in Elementary School Students in Fort Wayne, IN

Supervisor: Dana Alright, Ph.D.
- Participated in ongoing meetings with community stakeholders to identify targets of behavioral interventions
- Contributed to grant writing for two pilot grants
- Applied evidence-based intervention strategies to address the community concern regarding nutrition, food preference and intake through creation of a food-tasting and educational program for elementary students in low-resourced areas
- Integrated implementation science methodology to the research protocol to examine the food tasting intervention in the schools so that most students would benefit from it

Clinical Experience

National Alliance on Mental Health (NAMI), Fort Wayne, IN   Sept. 2024-Current
Volunteer
Supervisor: Brenda Edwards
- Observed Connection Recovery Peer Support Groups (CRPSG)
- Anticipate formal training and certification to assist in facilitating CRPSG
- Anticipating assistance at various NAMI events including Out of the Darkness Community Walk for Suicide Awareness

National Suicide and Crisis Line, West Lafayette, IN   Nov. 2022-Dec. 2023
Volunteer Crisis Counselor
- Completed thorough training and certification to assist individuals and active crisis and suicidal ideation
- Provided emotional support, reassurance, and empathetic listening to individuals experiencing crisis
- Actively assessed risk factors of individuals experiencing extreme psychological distress or suicidal ideation/warning signs and provided the appropriate measures to ensure their safety and wellbeing
- Implemented relevant crisis intervention skills to de-escalate high-stress moments by acting as a first-line of emotional and psychological support
- Educated individuals about potential resources that may assist in their recovery and well-being
- Maintained confidentiality of all individuals to safeguard their private information

Manuscripts

Albright, D., Kichler, J., **Voelker, K.**, Tannous, A., Woldemichael, A., Tino, C., Pater, J. (2024). *#T1D: Exploration and characterization of community engagement and support*. Unpublished manuscript.

Albright, D., **Voelker, K.**, Mizokami-Stout, K. (2024). The Devil Is in The Details*: A scoping review of real-time psychological factors using ecological momentary assessment (EMA) with blood glucose monitoring*. Unpublished manuscript.

Albright, D., **Voelker, K.**, Mirro, E., Wagner, S., Drouin, M. (2024). *Prediabetic and Type II Diabetic Patients' Perspectives on Blood Sugar Monitoring and Continuous Glucose Monitoring*. Unpublished manuscript.

Conference Poster Presentations

Crane, A., **Voelker, K**., Pater, J., Albright, D. (April, 2025). *Diabetes and eating disorder problem behaviors social media analysis*. Anticipated poster submission for the 96th annual meeting of Midwestern Psychological Association, Chicago, IL.

Voelker, K., Albright, D., Kichler, J., Tannous, A., Pater, J., (2025, March). *#T1D: Exploration and characterization of community engagement and support.* Anticipated poster presentation for the 46th annual meeting of Society for Behavioral Medicine, San Francisco, CA.

Albright, D., **Voelker, K.**, Mirro, E., Wagner, S., Drouin, M. (2025, March). *Prediabetic and Type II Diabetic Patients' Perspectives on Blood Sugar Monitoring and Continuous Glucose Monitoring.* Anticipated poster presentation for the 46th annual meeting of Society for Behavioral Medicine, San Francisco, CA.

Czech, K., Anderson, M., Lacanienta, J., Ratsovski, E., **Voelker, K.**, Wasyliw, J., and Moffat, L. (2024, April). *Enhancing bedside nursing care using AI.* Poster presented at the 2024 Datamine Corporate Partners Symposium, West Lafayette, IN.

Voelker, K., DeJonckheere, M., Ang, L., Reynolds, E., Lee, J., Busui, R., Callaghan, B., Dhadphale, E., Iyengar, J., Mizokami-Stout, K., and Albright, D. (2024, April). The devil is in the details: A scoping review of real-time psychological factors using ecological momentary assessment (EMA) with blood glucose monitoring. Abstract accepted for the 45th annual meeting of the Society for Behavioral Medicine, Philadelphia, PA.

Pannunzio, A., Arnholt, L., **Voelker, K.**, Skyes, J., and Moffat, L. (2023, April). *Early prediction of cardiac arrest using neural networks.* Poster presented at the 2023 Datamine Corporate Partners Symposium, West Lafayette, IN.

Arnholt, L., Pannunzio, A., **Voelker, K.**, Skyes, J., and Moffat, L. (2022, November). *Early prediction of cardiac arrest using neural networks.* Poster presented at the 2022 Purdue Undergraduate Research Expo, West Lafayette, IN.

Arnholt, L., **Voelker, K.**, Czech, K. Ratsovski, E., and Moffat, L. (2022, November). *Early prediction of cardiac arrest using neural networks.* Poster presented at the 2022 Purdue Health and Human Sciences Research Fair, West Lafayette, IN.

Editorial Activities
Mentored reviews:
JMIR mHealth and uHealth

Umbrella Supervision/Mentoring
Parkview Mirro Center for Research and Innovation Fort Wayne, IN   May 2024-Current
Diabetes and Eating Disorder Behaviors on Social Media Sub analysis
- Oversaw and assisted two undergraduate research interns in data collection, thematic analysis, and dissemination analysis
- Trained and provided consistent guidance to enhance interns' data collection skills and answer questions as needed
- Guided sub analysis of an ongoing research project
- Maintained project organization and comprehensive record-keeping
- Demonstrated leadership and interpersonal skills through mentorship

Certifications and Training
Overdose Prevention/Identification Training, 2023
Naloxone (NARCAN) Administration Training, 2023
Diversity and Equity Training, 2023
Question, Persuade, Refer (QPR) Training for Suicide, 2022
Crisis Intervention Training, 2022

Professional Memberships
Society for Behavioral Medicine, 2023-Current
Midwestern Psychological Association, 2023-Current
Psi Chi Member, 2023-Current
Purdue University Datamine, 2022-2024