

## CURRICULUM VITAE

**Julie A. Vignato, PhD, RN, RNC-LRN, CNE**  
Assistant Professor

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## EDUCATION

### Education

Dates	Degree	Field of Study	Institution/Location
2016	PhD	Nursing Research	University of San Diego, San Diego, California
2008	MSN	Nursing Education	Saint Joseph's College of Maine, Standish, Maine
1996	BSN	Nursing	University of Rochester. Rochester, New York

PhD Dissertation:  
Perinatal Posttraumatic Stress Disorder, 10128124

### Post Graduate Education

2017 - 2019      Fellow, Pain and Associated Symptoms, The University of Iowa, Iowa City, Iowa United States  
T32 NR11147

## LICENSURE

2017 - 2022      Registered Nurse, Iowa Board of Nursing, #146609

## CERTIFICATIONS

2023 - Present      Building University of Iowa Leadership for Diversity (BUILD) Certificate  
2011 - Present      Certified Nurse Educator, National League for Nursing  
2009 - Present      Online Teaching Certificate, MiraCosta College  
2003 - Present      Low Risk Neonatal Nurse, National Certification Corporation

## PROFESSIONAL EXPERIENCES

### *Academic Appointments*

2019-Present      Assistant Professor, University of Iowa College of Nursing  
2019-Present      Adjunct Assistant Professor, Department of Nursing Services and Patient Care at the University of Iowa Hospitals and Clinics  
2017-2019      Lecturer/Postdoctoral Fellow, The University of Iowa College of Nursing

- 2016-2017     Lecturer, Point Loma Nazarene University College of Nursing
- 2016-2017     Lecturer/Master's Entry into Nursing Practice, University of San Diego  
College of Nursing

### *Administrative Appointments*

- 2003-2005     Clinical Educator/Nurse Manager, Naval Hospital Camp Pendleton, CA

### *Clinical Appointments*

- 2001-2003     Staff/Clinical Educator/Nurse Leader, Naval Hospital Naples, Italy
- 1999-2001     Staff/Clinical Educator/Nurse Leader, Naval Hospital Roosevelt Roads, PR
- 1996-1999     Staff/Nurse Leader, Naval Medical Center Portsmouth

## **HONORS AND AWARDS**

- 2025     United States Association for the Study of Pain Leadership Academy Fellow
- 2024     University of Iowa College of Nursing *Research and Clinical Partnership Award* for the Deconstructing Pediatric Stigma Across Neurodevelopment Study in Underserved Racially/Ethnically diverse populations.
- 2024     *All of Us* Research Scholar Program Mentee (Aryn Layno) People's Choice Award for one of two best *National* undergraduate posters entitled "Exploring the Relationship between Body Mass Index and Estradiol Levels in Postmenopausal Women: A Comparative Analysis of White and Hispanic/Latinx Women with and without Sleep Disorders.
- 2023     One of 25 UI Faculty invited to the University of Iowa's Office of the Vice President of Research Wellmark Foundation Group Meeting to pitch for grant funding opportunities related to Health Equity, Maternal Child Health, and Mental Health.
- 2022     University of Iowa Student Supervisor of the Year Nomination List awarded awards
- 2021     University of Iowa Neuroscience, Development, and Mental Wellbeing Ideas Lab Fellow
- 2021     University of Iowa Student Supervisor of the Year Finalist
- 2020     University of Iowa's Old Gold Fellowship
- 2019     Women's Health and Childbearing Research Interest Group, 2019 New Investigator Award, Midwest Nursing Research Society
- 2019     Innovation Article "HealthStart: An Innovative Pilot Model Promoting Diversity in Nursing Education." Honorable Mention for Nursing Education Perspectives Journal (National League of Nursing)
- 2017     Exemplary Program Award for HealthStart, Academic Senate for California Community Colleges
- 2016     Doctor of Philosophy in Nursing, Magna Cum Laude
- 2016     Rising Star Award, PhD Program, University of San Diego, Sigma Theta Tau International

- 2015 Dean's Scholarship Award, University of San Diego
- 2015 Poster Presentation Runner-Up Awardee, Western Institute of Nursing Research
- 2008 Clinical Competency Award, Admiral of the U.S. Navy Nurse Corps
- 2008 Global War on Terrorism Service Medal, U.S. Navy
- 2008 Master's Degree in Nursing Education, Summa Cum Laude
- 2008 National Defense Service Medal, U.S. Navy
- 2008 Navy and Marine Corps Achievement Medals (3), U.S. Navy
- 2008 Navy and Marine Corps Commendation Medals (2), U.S. Navy
- 1996 Bachelor of Science in Nursing, Cum Laude
- 1996 Bausch & Lomb Scholarship in Science
- 1996 Outstanding Senior Midshipman Award, Navy League at the University of Rochester
- 1996 U.S. Navy Reserve Officer Training Corps Scholarship
- 1996 Xerox Scholarship in Humanities

## SCHOLARSHIP

**Research Statement** My research focus is on reducing pain and depression in maternal child communities and other adverse maternal child outcomes; the use of electronic health record data, large data sets, and AI to improve the assessment and intervention of these conditions; and the use of doulas as an intervention to reduce pain, depression, and preeclampsia in underserved communities. The work in the community, or experience obtained understanding different community groups, directly informs the interpretation of results from large data sets.

## Publications

### ***Peer Reviewed Papers (\*data-based; underline-student trainee/mentee)***

1. \*        .
2. \***Vignato, J.**, Perkhounkova, Y., Dehner, H., Lee, J., Hein, M., Santillan, D.A., & Santillan, M. (in press). Validation of the PROMIS Pain Intensity SF 3a and Brief Pain Inventory Measures during Pregnancy. *Western Journal of Nursing Research*.
3. \***Vignato, J.**, Horak, T., Goodrich, A., Shier, E., Coleman, L., Nicholson, A., & Thompson, M. (2024). The Interdisciplinary Doula Project: Innovations in diversity for clinical nursing education. *Nursing Education Perspectives*, 10.1097/01.NEP.0000000000001248. Advance online publication. <https://doi.org/10.1097/01.NEP.0000000000001248>
4. \*Morton, J., **Vignato, J.**, & Anbari, A. B. (2023). Stigma experienced by perinatal women with Opioid dependency in the United States: A Qualitative Meta-Synthesis. *Western Journal of Nursing Research*, 45(9), 843–853. <https://doi.org/10.1177/01939459231182495>

5. **\*Vignato, J.,** Meyer, B., Negrete, A., & Segre, L.S. (2023). Over-the-Counter Pain Medication Use during Pregnancy. *MCN: The American Journal of Maternal Child Nursing*, 48(4), 209-214. <https://doi.org/10.1097/NMC.0000000000000929>
6. Gumusoglu, S. B., Schickling, B. M., **Vignato, J. A.,** Santillan, D. A., & Santillan, M. K. (2022). Selective serotonin reuptake inhibitors and preeclampsia: A quality assessment and meta-analysis. *Pregnancy hypertension*, 30, 36–43. <https://doi.org/10.1016/j.preghy.2022.08.001>
7. **Vignato, J.,** Gumusolglu, S., Scroggins, S., Davis, H., Hamilton, W., Thomas, K., Brandt, D., Pierce, G., Knosp, B., Santillan, D., & Santillan, M. (2022). Selective Serotonin Reuptake Inhibitors Use in Pregnancy and Protective Mechanisms in Preeclampsia. *Reproductive Sciences*. doi: 10.1007/s43032-022-01065-z.
8. Gumusolglu, S., Scroggins, S., **Vignato, J.,** Santillan, D., & Santillan, M. (2021). The Serotonin-Immune Axis in Preeclampsia. *Current Hypertension Reports*, 23(37). <https://doi.org/10.1007/s11906-021-01155-4>
9. **Vignato, J.,** Inman, M., Patsais, M., & Conley, V. (2021). Computer-Assisted Qualitative Data Analysis Software, Phenomenology, and Colaizzi's Method. *Western Journal of Nursing Research*. Online ahead of print. <https://doi.org/10.1177/01939459211030335>
10. **\*Vignato, J.,** Perkhounkova, Y., Saeidzadeh, S., Patsais, M., Inman, M., McCarthy, A.M., Segre, L. (2021). Pathways from Pain to Physical and Mental Health-Related Quality of Life During the Third Trimester of Pregnancy: An Exploratory Mediation Analysis. *Journal of Clinical Nursing*, 30(9-10), 1372-1382. doi: 10.1111/jocn.15686.
11. **\*Vignato, J.,** Beck, C., Conley, V., Inman, M., Patsais, M., Segre, L. (2021). The Lived Experience of Pain and Depression Symptoms during Pregnancy. *MCN: The American Journal of Maternal Child Nursing*, 46(4), 198-204. (Offered for CEU credit)
12. **\*Vignato, J.,** Perkhounkova, Y., McCarthy, A.M., Segre, L. (2020). Pain and Depression Symptoms During the Third Trimester of Pregnancy. *MCN: The American Journal of Maternal Child Nursing*, 45(6), 351-356. doi: 10.1097/NMC.0000000000000657
13. **\*Vignato, J. A.,** Gleason Limoges, N., Arends, L., & Nicholson, A. (2020). Decreasing Nursing Student Workload and Stress: An Innovative Method to Reform Clinical Assignments Across the Curriculum. *Nursing education perspectives*, 10.1097/01.NEP.0000000000000702. <https://doi.org/10.1097/01.NEP.0000000000000702>
14. **\*St. Marie, B.,** Coleman, L., **Vignato, J.,** Arndt, S., & Segre, L. (2020). Use and Misuse of Opioid Pain Medications by Pregnant and Non-pregnant Women. *Pain Management Nursing*, 21(1), 90-93. <https://doi.org/10.1016/j.pmn.2019.05.002>.
15. **Vignato, J.,** & Spadoni, A. (2019). The Decline of the American Nursing Profession. *Journal of the American Psychiatric Nurses Association*, 25, p. 255-6. Retrieved from <https://journals.sagepub.com/doi/full/10.1177/1078390319826702>
16. **\*Vignato, J.,** Landau, E., Duffecy, J., O'Hara, M. W., & Segre, L. S. (2019). Using mobile health applications for the rapid recruitment of perinatal women. *Archives of Women's Mental Health*, 22(2), pp 305-308. <https://doi.org/10.1007/s00737-018-0894-2>
17. **\*Vignato, J. A.,** & Guinon, T. (2019). HealthStart: An Innovative Pilot Model Promoting Diversity in Nursing Education. *Nursing Education Perspectives* 40(1), pp 55-57. <https://doi.org/10.1097/01.NEP.0000000000000311>
18. **\*Bonnell, S.,** Griggs, A., Avila, G., Mack, J., Bush, R. A., **Vignato, J.,** & Connelly, C. D. (2018). Community Health Workers and Use of mHealth: Improving Identification of Pregnancy Complications and Access to Care in the Dominican Republic. *Health Promotion Practice* 19(3), pp 331–340. <https://doi.org/10.1177/1524839917708795>

19. \***Vignato, J.**, Connelly, C. D., Bush, R. A., Georges, J. M., Semino-Asaro, S., Calero, P., & Horwitz, S. M. (2018). Correlates of Perinatal Post-Traumatic Stress Among Culturally Diverse Women with Depressive Symptomatology. *Issues in Mental Health Nursing*, 39(10), 840-849.  
<https://doi.org/10.1080/01612840.2018.1488313>
20. **Vignato, J.**, Georges, J. M., Bush, R. A., & Connelly, C. D. (2017). Post-traumatic stress disorder in the perinatal period: A concept analysis. *Journal of Clinical Nursing* 26(23-24), pp 3859–3868.  
<https://doi.org/10.1111/jocn.13800>
21. Roberts, S. T., **Vignato, J. A.**, Moore, J. L., & Madden, C. A. (2009). Promoting skill building and confidence in freshman nursing students with a "Skills-a-Thon". *Journal of Nursing Education* 48(8), pp 460–464. <https://doi.org/10.3928/01484834-20090518-05>

#### Technical Reports

1. **Vignato, J.**, Scroggins, S., Brandt, D., Thomas, K., Santillan, D., & Santillan, M. (2019). Executive Summary for STTI National Small Grant: Vasopressin, Depression Symptoms, Pain and Preeclampsia" (Report to Virginia Henderson E-Repository)

#### State Nursing Organization Publications

1. **Vignato, J.**, & Nicholson, A. (2021). Strategic Communication of the Generalist Nurse Educator: An Innovation to Address the Nurse Educator Shortage. *Iowa Nurse Reporter September Monthly Issue*.
2. Martin, T., **Vignato, J.**, Eschiti, V. (2021). Invention to address test anxiety in undergraduate nursing students. *Iowa Nurse Reporter August, September, October 2020 Quarterly Issue*.
3. Martin, T., **Vignato, J.**, Eschiti, V. (2021). Invention to address test anxiety in undergraduate nursing students. *Iowa Nurse Reporter May Monthly Issue*.

#### Media Activities

1. **Vignato, J.** (2022). Opioid and Fentanyl Epidemic in Iowa. *JMC: 2020 Multimedia Storytelling - Virginia Russell, Journalism Student Interview*, College of Liberal Arts and Sciences, University of Iowa.

### Scientific and Educational Research Grants

#### Intramural (funded)

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| 2024-2025 | <b>Vignato, J.</b> (Principal Investigator), "Community Doulas of Johnson County Program Feasibility Study" Sponsored by the College of Nursing Jo Ellen Ross Research Fund, University of Iowa, Public Non-Profit, \$9,500. |
| 2022-2023 | <b>Vignato, J.</b> (Principal Investigator), "Deconstructing Pediatric Stigma Across Neurodevelopment." Sponsored by the Office of the Vice President for Research, University of Iowa, Public Non-Profit, \$10,000.         |
| 2021-2022 | <b>Vignato, J.</b> (Co-Principal Investigator), "Interdisciplinary Doula Project," Sponsored by the Office of Diversity, Equity and Inclusion, University of Iowa Health Care, Public Non-Profit, \$10,000.00.               |
| 2020-2021 | <b>Vignato, J.</b> (Co-Principal Investigator), "Feasibility of Nursing Students as Doulas to Obtain Clinical Hours," Sponsored by the College of Nursing, University of Iowa, Public Non-Profit, \$5,000.00                 |
| 2018-2020 | <b>Vignato, J.</b> (Principal Investigator), "The Lived Experience of Perinatal Pain and Depression," Sponsored by University of Iowa, The Class of 1969 Scholarship, Private Non-Profit, \$2,500.00                         |
| 2018-2018 | <b>Vignato, J.</b> (Principal Investigator), "Pain, Depression, and Quality of Life in Pregnancy," Sponsored by Sigma Theta Tau International Gamma Gamma Chapter, Private Non-Profit, \$1,500.00. (May 2017 - May 2018).    |

### *Extramural (funded)*

- 2024 - **Vignato, J.** (Co-Investigator and Nursing Team Lead), "Creating AI-enabled All-Health Team Data Fabric." Sponsored by Advanced Research Projects Agency for Health, 9.8 million (October 2024 – October 2026).
- 2024 - **Vignato, J.** (Principal Investigator), "Community Doulas of Johnson County Program" Sponsored by Johnson County Public Health, \$124,870.00 (March 2024 – December 2026)
- 2020-2022 **Vignato, J.** (Funded Pilot), "The Effects of Immunovascular Biomechanisms of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction" Center for Advancing Multimorbidity Science: Profiling risk and symptom expression to develop customized therapies for adults with multiple chronic conditions (CAMS)," Sponsored by NIH/NINR, Federal. (May 1, 2020 - May 31, 2022).
- 2018-2019 **Vignato, J.** (Principal Investigator), "The Lived Experience of Perinatal Pain and Depression," Sponsored by National Association for Neonatal Nursing National Grant, Private Non-Profit, \$5,000.00. (August 2018 - July 2019).
- 2018-2019 **Vignato, J.** (Principal Investigator), "Vasopressin, Depression, Pain, and Preeclampsia," Sponsored by Sigma Theta Tau International National Grant, \$5,000.00. (June 2018 – May 2019).
- 2017-2018 **Vignato, J.** (Principal Investigator), "Pain, Depression, and Quality of Life in Pregnancy," Sponsored by NIH/NINR T32 NR11147, Federal, \$3,000.00

## **Research and Clinical Presentations**

### *International*

1. **Vignato, J.** (2024). Deconstructing Pediatric Stigma Across Neurodevelopment in Youth. Child and Adolescent Psychiatry Grand Rounds. School of Medicine, University of Valparaiso, Valparaiso, Chile (Oral).
2. **Vignato, J.**, Scroggins, S., Hamilton, W., Thomas, K., Brandt, D., Santillan, D., & Santillan, M. (2020). Selective Serotonin Reuptake Inhibitors and Vasopressin: An Intersection of Depression and Preeclampsia. Society for Maternal Fetal Medicine 40<sup>th</sup> Annual Pregnancy Meeting, Society for Maternal Fetal Medicine. Grapevine, TX (Poster).
3. **Vignato, J.**, Beck, C., Conley, V., Inman, M., & Segre, L. (2019). The Lived Experience of Pain and Depression During the Third Trimester of Pregnancy. Marce of North America 4<sup>th</sup> Biennial Conference of Perinatal Mental Health, The International Marce Society for Perinatal Mental Health, Chapel Hill, NC (Oral).
4. **Vignato, J.**, Duffecy, J. M., O'Hara, M. W., Segre, L. (2017). Innovations in United States Sampling for Perinatal Mental Health Research. Marce of North America 3rd Biennial Perinatal Mental Health Conference, The International Marce Society for Perinatal Mental Health, Chicago, IL (Oral).
5. **Vignato, J.**, Connelly, C. D. (2017). Correlates of Perinatal Posttraumatic Stress Disorder among Culturally Diverse Women with Depressive Symptomology. Marce of North America 3rd Biennial Perinatal Mental Health Conference, The International Marce Society for Perinatal Mental Health, Chicago, IL (Poster).
6. **Vignato, J. A.**, Connelly, C. D. (2016). Perinatal PTSD: A Concept Analysis. Sigma Theta Tau International Leadership 2016 Convention, Indianapolis, IN (Poster).

### *National*

1. **Vignato, J.**, Martin, T., Garton, M., Deberg, J., Dehner, H., Thompson, M., & Conley, V. (2024). A systematic review of pain and depression symptoms during the perinatal period. 2024 United

States Association for the Study of Pain Annual Scientific Meeting, United States Association for the Study of Pain. Seattle, WA (Poster).

2. Layno, A., & **Vignato, J.** (2024). *All of Us* Research Scholar Program 2024 Speaker on Mentorship. *All of Us* Research Scholar Program 2024. Online **Invited Speaker** (Oral).
3. **Vignato, J.**, Wang, Y., Farag, A., Papke, T., Kantartjis, M., Schwarz, C., Litwiller, D., Dettner, E., & Dunn-Lopez, K. (2024). Nursing Documentation Evaluated Through EPIC Log data. American Medical Informatics Association (AMIA) 2024 Clinical Informatics Conference, Minneapolis, MN (Oral).
4. Layno, A., & **Vignato, J.** (2024). Exploring the Relationship between Body Mass Index and Estradiol Levels in Postmenopausal Women: A Comparative Analysis of White and Hispanic/Latinx Women with and without Sleep Disorders. *All of Us* 2024 3-day Researchers Convention, online (Oral).
5. Lyu, T., & **Vignato, J.** (2024). Assess the Racial Disparities and Predict the Occurrence of Preeclampsia using Machine Learning and Integrated Electronic Health Records Data from *All of Us*. *All of Us* 2024 3-day Researchers Convention, online (Oral).
6. **Vignato, J.**, Encarnacao, K., Santillan, D., Davis, D., Knosp, B., Santillan, M., & Street, N. (2023). Supervised Machine Learning in Late Preeclampsia Prediction: Unique Risk Factors Predictive as Early as 13 WGA. American Medical Informatics Association (AMIA) 2023 Annual Symposium, New Orleans, LA (Oral).
7. **Vignato, J.**, Perkhounkova, Y., Dehner, H., Lee, J., Summers, K., Mulcahey, A., Santillan, D., & Santillan, M. (2023). Validation of the PROMIS Pain Intensity SF 3a and Brief Pain Inventory Measures during Pregnancy. United States Association for the Study of Pain 2023 Annual Meeting (Poster).
8. Morton, J., **Vignato, J.**, Bullock, L. (2022). Maternal Fall from Grace: Experiences of Perinatal Opioid Misuse. American Society for Pain Management Nurses 32<sup>nd</sup> National Conference (Oral).
9. Myers, M.C., Santillan, M.K., Brandt, D.S., Stroud, A.K., **Vignato, J.A.**, Scroggins, S.M., Nuckols, V., Pierce, G.L., Santillan, D.A. (2021). Role for Adverse Childhood Experiences and Depression in Preeclampsia. American Heart Association Hypertension Scientific Sessions 2021 (Oral).
10. **Vignato, J. A.**, Beck, C., Inman, M., Patsais, M., Conley, V., & Segre, L. (2020). Silent Suffering: Understand the Third Trimester Experience of Pregnancy Pain, Pain Interference, and Depression Symptoms. 2020 National Association of Neonatal Nurses Virtual Annual Conference **Invited Speaker** (Oral).
11. **Vignato, J.**, Perkhounkova, Y., McCarthy, A. M., Segre, L. (2018). Pain and Depression on Quality of Life in Third Trimester. State of the Science Congress on Nursing Research - Precision Health, Council for the Advancement of Nursing Research, Washington, DC (Oral).
12. **Vignato, J.**, Scroggins, S., Brandt, D., Thomas, K., Santillan, D., Santillan, M. (2018). Vasopressin, Depression, Pain, & Preeclampsia." State of the Science Congress on Nursing Research - Precision Health, Council for the Advancement of Nursing Research, Washington, DC (Oral).

### *Regional*

1. Myers, M.C., Santillan, M.K., Brandt, D.S., Stroud, A.K., **Vignato, J.A.**, Scroggins, S.M., Nuckols, V., Pierce, G.L., Santillan, D.A. (2021, October). Role For Adverse Childhood Experiences And Depression in Preeclampsia. Rosalind Franklin University Summer Research Poster Session, North Chicago, IL (Poster).

2. Inman, M., & **Vignato, J.** (2021). Pregnancy Pain Documentation in the EHR...Missing Link for Treatment? Team Science: Advancing Culturally Responsive Research to Improve Health Outcomes, Midwest Nursing Research Society, online (Poster).
3. **Vignato, J.** (2021). Leveraging Social Media for #Nursing Research. Midwest Nursing Research Society, Webinar Series **Invited Speaker** (Oral).
4. **Vignato, J.**, & Gillespie, S. (2020). Biomarker Science among Prenatal Populations: Opportunities and Challenges. Advancing Nursing Research with Diverse Populations, Midwest Nursing Research Society, Virtual Conference (Oral).
5. Moore, A., **Vignato, J.**, Scroggins, S., Brandt, D., Thomas, K., Santillan, D., Santillan, M. (2020). Adverse Childhood Events, Preeclampsia, and Copeptin during Pregnancy. Advancing Nursing Research with Diverse Populations, Midwest Nursing Research Society, Virtual Conference (Poster).
6. **Vignato, J.**, Perkhounkova, Y., McCarthy, A. M., Segre, L. (2018). Pain, Depression, and Quality of Life in Pregnancy. The Future of Nursing Research: Economic Realities and Creative Solutions, Midwest Nursing Research Society, Cleveland, OH (Poster).
7. **Vignato, J.**, Connelly, C. D. (2016). Perinatal Depression and Risk Factors for Perinatal PTSD. The Western Institute of Nursing 2016 Research Conference, The Western Institute of Nursing, San Diego, CA (Oral).
8. **Vignato, J.**, Connelly, C. D. (2015). Perinatal PTSD. The Western Institute of Nursing 2015 Research Conference, The Western Institute of Nursing, Albuquerque, NM (Poster).
9. **Vignato, J.** (2007). Innovations in Nursing Education: American Medical Member Transitions to Vocational Nurse Course. Odyssey Conference, Sigma Theta Tau International, Cerritos, CA (Poster).
10. **Vignato, J.** (2005). Implementation of an Evidenced-Based Practice Team. Joint Southern CA STTI Chapters Nursing Research Conference, Joint Southern CA STTI Chapters, Cerritos, CA (Oral).

## State

1. **Vignato, J.** (2024). Community Doulas of Johnson County Program. Iowa Maternal Health Symposium: Empowering Conversations & Proven Maternal Health Solutions. **Invited Speaker**, Des Moines, IA.
2. Layno, A., & **Vignato, J.** (2024). Exploring the Relationship between Body Mass Index and Estradiol Levels in Postmenopausal Women: A Comparative Analysis of White and Hispanic/Latinx Women with and without Sleep Disorders. Arizona State University The School of Life Science Undergraduate Research Program Symposium. Phoenix, AZ. (Poster).
3. **Vignato, J.** (2023). *Speaker*: Interdisciplinary Doula Project. University of Iowa Institute for Clinical and Translational Sciences State-wide Maternal Stakeholder Advisory Board. **Invited Speaker**, Iowa City, IA. (Oral).
4. **Vignato, J.** (2021). *Keynote Speaker*: Valuable Opportunities in Nursing: Why not do it all? Or at least some? Iowa Student Nurses Association Annual Meeting. **Invited Speaker**, Des Moines, IA. (Oral).
5. **Vignato, J.** (2007). American Medical Member: Transition to Vocational Nurse. Annual Meeting, CA Organization of ADN Nursing Program Directors, San Diego, CA (Oral).

## College



1. **Vignato, J.** (2024). All of Us Research Scholar Program. Research Forum and Lunch. College of Nursing, University of Iowa, Iowa City, IA (Oral).
2. **Vignato, J.**, Wang, You., Farag, A., Papke, T., Kantartjis, M., Litwiller, D., Schwartz, C., Dunn-Lopez, K. (2023). Nursing Documentation Study. Health, Informatics, Technology Special Interest Group. College of Nursing, University of Iowa, Iowa City, IA (Oral).
3. **Vignato, J.** (2023). The Effects of Immunovascular Biomechanisms of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction Results. Center for Advancing Multimorbidity Science Research Seminar. College of Nursing, University of Iowa, Iowa City, IA (Oral).
4. Morton, J., & **Vignato, J.** (2022). Stigma in Women of Childbearing Years with Pain and Substance Use Disorder. Pain Special Interest Group. College of Nursing, University of Iowa, Iowa City, IA (Oral).
5. **Vignato, J.** (2021). Pathways from Pain to Physical and Mental Health Related Quality of Life during Pregnancy: An Exploratory Mediation Analysis. Pain Special Interest Group. College of Nursing, University of Iowa, Iowa City, IA (Oral).
6. **Vignato, J.** (2021). The Effects of Immunovascular Biomechanisms of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction. Center for Advancing Multimorbidity Science Executive Directors Meeting. College of Nursing, University of Iowa, Iowa City, IA (Oral).
7. **Vignato, J.** (2021). Fall 2021 CON Junior Faculty Introductions. Nursing Research Forum. College of Nursing, University of Iowa, Iowa City, IA (Oral).
8. **Vignato, J.** (2021). The Lived Experience of Perinatal Depression during the Third Trimester of Pregnancy. College of Nursing Class of 1969, University of Iowa **Invited Speaker**, Iowa City, IA (Oral).
9. **Vignato, J.** (2020). Democratizing EHR analyses with FIDDLE: A flexible data-driven preprocessing pipeline for structured clinical data article review. Health Care Informatics Special Interest Group. College of Nursing, University of Iowa, Iowa City, IA (Oral).
10. **Vignato, J.** (2020). The Effects of Immunovascular Biomechanisms of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction. Center for Advancing Multimorbidity Science Executive Directors Meeting. College of Nursing, University of Iowa, Iowa City, IA (Oral).
11. **Vignato, J.** (2020). Touching Clinical Practice through Nursing Research. Sigma Theta Tau International Spring 2020 **Invited Speaker** Gamma Induction. College of Nursing, University of Iowa, Iowa City, IA (Oral).
12. **Vignato, J.** (2018). Pain and Mental Illness during the Perinatal Period. College of Nursing, University of Iowa, Iowa City, IA (Oral).

### *University*

1. **Vignato, J.A.**, Wang, Y., Farag, A., Papke, T., Kantartjis, M., Schwarz, C., Litwiller, D., Dettner, E., Dunn-Lopez, K. (2024). Electronic Health Record Documentation Evaluated Through Audit Log Data. **Invited Speaker**. Carver College of Medicine Biomedical & Health Informatics Community Seminars. Iowa City, IA (Oral).
2. Goodrich, A., Swartzendruber, G., & **Vignato, J. A.** (2024). Community Doulas of Johnson County. University of Iowa Carver College of Medicine Grand Rounds. Iowa City, IA. (Oral).
3. **Vignato, J.A.**, & Wang, Y. (2024). Nursing Documentation Study. **Invited Speakers**. UIHC Nursing Research/EBP Grant Rounds. Iowa City, IA. (Oral).

4. **Vignato, J.A.**, Encarnacao, K., Santillan, D., Davis, D., Knosp, B., Santillan, M., & Street, N. (2023). Machine Learning Model of Preeclampsia Prediction. Carver College of Medicine Biomedical & Health Informatics Community Seminars. Iowa City, IA (Oral).
5. **Vignato, J.A.**, Wang, Y., Farag, A., Papke, T., Kantartjis, M., Litwiller, D., Schwartz, C., Dunn-Lopez, K. (2023). Nursing Electronic Health Record Documentation Study. UIHC Evidence-Based Practice and Nursing Informatics Leads Presentation. Iowa City, IA (Oral).
6. **Vignato, J. A.** (2023). Promoting Perinatal Mental Health with Doulas. **Invited Speaker.** UIHC Women's Wellness & Counseling Service Interdisciplinary Staff and Faculty Lecture. Iowa City, IA (Oral).
7. Vu, A., **Vignato, J.A.**, & Street, N. (2023). Predicting Preeclampsia using Systolic Blood Pressure. Tippie College of Business Boe Research Fellowship Graduate Presentations. University of Iowa, Iowa City, IA. (Oral).
8. **Vignato, J. A.**, Perkhounkova, Y., Dehner, H., Lee, J., Summers, K., Mulcahey, A., Santillan, D., & Santillan, M. (2023). Validation of the PROMIS Pain Intensity SF 3a and Brief Pain Inventory Measures during Pregnancy. UIHC 2023 Seventh Annual Nursing Recognition Event (Poster).
9. DiSpirito, A.M., Santillan, M.K., Hunter, S.K., Gumusoglu, S., **Vignato, J.**, Faro, E., Davis, H.A., Knosp, B., & Santillan, D. (2022). Depression in the Time of COVID-19: Examination of the prenatal and postpartum depression rates, rurality, and the impact of COVID-19. University of Iowa Psychology Conference. College of Medicine, University of Iowa, Iowa City, IA (Poster).
10. Myers, M.C., Santillan, M.K., Brandt, D.S., Stroud, A.K., **Vignato, J.A.**, Scroggins, S.M., Nuckols, V., Pierce, G.L., Santillan, D.A. (2021, November). Role For Adverse Childhood Experiences And Depression In Preeclampsia. University of Iowa OB/GYN Postgraduate Conference, Iowa City, IA (Poster).
11. **Vignato, J.**, Gumusoglu, B., Scroggins, S.M., Hamilton, W., Brandt, D.S., Sigmund, C.D., Pierce, G.L., Grobe, J.L., Santillan, D.A., Santillan, M. (2021). Vasopressin and Serotonin: Potential Early Pregnancy Overlapping Mechanisms of Depression and Preeclampsia. Interdisciplinary Preeclampsia Interest Group. University of Iowa, Iowa City, IA (Oral).
12. **Vignato, J.**, Scroggins, S., Brandt, D., Thomas, K., Santillan, D., Santillan, M. (2020). The Effects of Immunovascular Biomechanism of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction: CAMS Pilot. Santillan Lab. University of Iowa, Iowa City, IA (Oral).
13. **Vignato, J.** (Presenter & Author), Beck, C., Conley, V., Inman, M., Patsais, M., Segre, L. (2018). The Lived Experience of Perinatal Depression. Iowa Depression and Clinical Research Center. University of Iowa, Iowa City, IA (Oral).
14. **Vignato, J.**, Scroggins, S., Brandt, D., Thomas, K., Santillan, D., Santillan, M. (2018). Vasopressin, Depression, Pain, & Preeclampsia. Iowa Depression and Clinical Research Center. University of Iowa, Iowa City, IA (Oral).
15. **Vignato, J.**, Scroggins, S., Brandt, D., Thomas, K., Santillan, D., Santillan, M. (2018). Vasopressin, Depression, Pain, & Preeclampsia." Santillan Lab, University of Iowa, Iowa City, IA (Oral).
16. **Vignato, J.**, Scroggins, S., Brandt, D., Thomas, K., Santillan, D., Santillan, M. (2018). Vasopressin, Depression, Pain, & Preeclampsia. College of Medicine Postgraduate Conference, University of Iowa, Iowa City, IA (Poster).

17. **Vignato, J.**, Perkhounkova, Y., McCarthy, A. M., Segre, L. (2017). Pain, Depression, and Quality of Life During the Perinatal Period. Iowa Depression and Clinical Research Center, University of Iowa, Iowa City, IA (Oral).

## SERVICE

### Editorial and Peer Review Service

#### Journal Reviewer

2016-present	Nursing Education Perspectives
2018-present	Archives of Women's Mental Health
2020-present	Western Journal of Nursing Research (Obstetric Articles)
2023-present	American Journal of Obstetrics & Gynecology
2023-present	Pain Management Nursing

### Professional Service

2023 – 2024	National Institutes of Health All of Us Research Scholar Program Mentor – Selected from a national sample to mentor one underserved undergraduate and one PhD students in research using the All of Us platform
2022 – present	Iowa Pregnancy Risk Assessment Monitoring System (PRAMS) Steering Committee Member
2022- present	United States Association for the Study of Pain Advocacy Committee
2021 – 2021	American Medical Informatics Association Nursing Informatics Working Group and Awards Committee Member
2021 – 2021	<i>Early Career Reviewer</i> in Biobehavioral and Behavioral Processes IRG at the Center for Scientific Review, National Institutes of Health. October 2021.
2006 – present	Sigma Theta Tau International 2014-2015 Gamma Gamma Chapter, Office, Vice President 2015 Sigma Theta Tau Odyssey Conference, Poster Judge 2015-2017 Gamma Gamma Chapter, Office, President
2006 – present	Midwest Nursing Search Society 2018-2019 Communications and Engagement, Vice Chair 2019-2020 Women's Health & Childbearing RIG, Co-Chair 2019-2021 Engagement Committee, Co-Chair, Abstract Reviewer

### University Service

2024 – present	UI Veterans and Military Council
2023 – present	UI Interdisciplinary Bioinformatics Group - Nurse Informatics Liaison

### Collegiate Service

2023 – 2023	UI College of Nursing – PhD Forum Year 3 Curriculum Workgroup
2022 – 2023	UI College of Nursing – Postdoctoral Fellow Interview Committee
2022 – 2023	UI College of Nursing – Undergraduate Honors Program Application Reviewer

2022 – present	UI College of Nursing – Bio Nursing Informatics Consulting Service Member
2021 – present	UI College of Nursing - Council on Student Affairs Member and Hearing Panel Subcommittee Member
2020 – present	UI College of Nursing - Health, Informatics, and Technology SIG member
2019 – 2022	Interdisciplinary Doula Course: Co-Principal Investigator and Co-Course Creator. Provides additional obstetric nursing and diversity training to undergraduate nursing students and also promotes their hiring in obstetrics at UIHC. This should not be listed under service...it is scholarship
2018 – 2023	Center for Advancing Multimorbidity Science (CAMS): Profiling risk and symptom expression to develop customized therapies for adults with multiple chronic conditions, Center Associate
2020 – 2021	UI College of Nursing Health Record Data Work Group
2020 – 2021	NINR T32 Pain and Associated Symptoms (T23NR011147), Junior Nursing Faculty Member
2018 – 2019	Clinical Care Planning and Paperwork BSN Subcommittee, Chair
2017 – 2022	CON – BSN Admission/Progression Subcommittee, Member

## TEACHING

### Course Instruction

<b>Fall 2024</b>	NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 80 Students
	NURS: 4155, Senior Nursing Internship, Undergraduate, 8 students
	NURS: 7001, Qualitative Research: PhD, Guest Speaker, Phenomenology, 7 Students
<b>Spring 2024</b>	NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 80 Students
	NURS: 4155, Senior Nursing Internship, Undergraduate, 12 students.
	NURS: 3631, Nursing Care of Children and Families, Master's Entry into Nursing, 14 Students
<b>Fall 2023</b>	NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 80 Students
	NURS: 4155, Senior Nursing Internship, Undergraduate, 12 students.
<b>Spring 2023</b>	NURS: 3631, Nursing Care of Children and their Families, Undergraduate, Lead Teacher, 80 Students
	NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 79 Students
	NURS: 4155, Senior Nursing Internship, Undergraduate, 8 students.

AP Psychology, West High School, Invited Guest Speaker on Perinatal Mental Health, 3 classes, 50 students

**Fall 2022**

NURS: 3631, Nursing Care of Children and their Families, Undergraduate, Lead Teacher, 79 Students

NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 77 Students

NURS: 4155, Senior Nursing Internship, Undergraduate, 8 students.

NURS: 7001, Qualitative Research: PhD, Guest Speaker, Phenomenology, 7 Students

**Spring 2022**

NURS: 3631, Nursing Care of Children and their Families, Undergraduate, Lead Teacher, 79 Students

NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 80 Students

GRAD:7400, Practicum in College Teaching, Graduate, Lead Teacher, 1 Student

**Fall 2021**

NURS: 3631, Nursing Care of Children and their Families, Undergraduate, Lead Teacher, 71 Students

NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 80 Students

NURS: 7001, Qualitative Research: PhD, Guest Speaker, Phenomenology, 7 Students

**Spring 2021**

NURS: 3631, Nursing Care of Children and their Families, Undergraduate, Lead Teacher, 71 Students

NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 80 Students

NURS: 3651, Advanced Clinical Concepts for Nursing, Mentor and Obstetric Simulation Creator

**Fall 2020**

NURS: 3631, Nursing Care of Children and their Families, Undergraduate, Lead Teacher, 72 Students

NURS: 3460, Professional Role II: Research, Undergraduate, Lead Teacher, 71 Students

**Spring 2020**

NURS: 3635, Parent-Child Nursing, Stand-alone, Undergraduate, Team Teacher, 74 students

NURS: 4160, PRIV: Leadership & Professional Engagement, Undergraduate, Team Teacher, 64 students

<b>Fall 2019</b>	NURS: 3635, Parent-Child Nursing, Stand-alone, Undergraduate, Team Teacher, 64 students
	NURS: 4160, PRIV: Leadership & Professional Engagement, Undergraduate, Team Teacher, 73 students
	NURS: 5032, Mental Disorders in Advanced Practice Nursing, Graduate, Guest Lecturer, 12 students
<b>Spring 2019</b>	NURS: 3150, Clinical Simulation Laboratory I, Undergraduate, Team Teacher, 74 students
	NURS: 3635, Parent Child Nursing Practicum, Undergraduate, Team Teacher, 73 students
	NURS: 3630-0001, Parent-Child Nursing, Stand-alone, Undergraduate, Team Teacher, 73 students
<b>Fall 2018</b>	NURS: 3630-0001, Parent-Child Nursing, Stand-alone, Undergraduate, Team Teacher, 70 students
<b>Spring 2018</b>	NURS: 3630-0001, Parent-Child Nursing, Stand-alone, Undergraduate, Team Teacher, 66 students
<b>Fall 2017</b>	NURS: 3630-0001, Parent-Child Nursing, Stand-alone, Undergraduate, Team Teacher, 76 students
<b>Spring 2017</b>	NURS: Nursing and Pharmacological Interventions II, Stand-alone, Undergraduate, Team Teacher, 71 students

## **Students Mentored**

### ***Honors Thesis***

2022	<b>Alondra Ramirez Sanchez</b> -Undergraduate – Nursing Degree Objective: BSN, Perinatal Depression in the Hispanic Community
2020	<b>Sobiech, Madelynn</b> – Undergraduate – Nursing Degree Objective: BSN, Perinatal Mental Health Patient Education
2020	<b>Derby, Laura</b> – Undergraduate – Nursing Degree Objective: BSN, Patient Lactation Education
2018	<b>Zippe, Elizabeth</b> – Undergraduate – Nursing Degree Objective: BSN, Donor Breast Milk and Milk Banks Completion date: Spring 2019

### ***Research Assistant***

2023 – 2024	<b>Maida Jusufovic</b> , Undergraduate – BSN, COVID-19 during Pregnancy; Deconstructing Pediatric Stigma Across Neurodevelopment
2022 – 2023	<b>Alondra Ramirez Sanchez</b> , Undergraduate – BSN, Deconstructing Pediatric Stigma Across Neurodevelopment
2021 – 2023	<b>Kelvin Encarnacao</b> , MS – Degree Objective: MS, The Effects of Immunovascular Biomechanisms of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction
2020 – 2022	<b>Dehner, Hannah</b> , MS – Nursing Degree Objective: MS, The Effects of Immunovascular Biomechanisms of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction
2020 – 2022	<b>Schwartz, Cathy</b> , PhD – Nursing Degree Objective: PhD, Efficiency Wins in Inpatient

	Nursing Documentation Systematic Review of Pain and Depression During the Perinatal Period
2020 – 2021	<b>Kantartjis, Michalis</b> , PhD – Graduate College for Data Analytics Degree Objective: PhD Efficiency Wins in Inpatient Nursing Documentation, Global Health Research Proposal.
2018 – 2022	<b>Inman, Michaela</b> – Undergraduate – Pre-Nursing and Nursing Degree Objective: BSN, The Lived Experience of Perinatal Depression; Systematic Review of Pain and Depression During the Perinatal Period; Vasopressin, Depression, Pain, ACEs, and Preeclampsia; Vasopressin, Depression, Pain, and Gestational Weight Gain. <b>University of Iowa Student Employee of the Year for 2020.</b>

### ***Research Volunteer***

2023 – 2024	<b>Elizabeth Edwards</b> – Undergraduate – Pre-Nursing Degree Objective: BSN Deconstructing Pediatric Stigma Across Neurodevelopment; COVID-19 during Pregnancy. <b>2024-2025 Nancy Stence Creason Young Scientist Awardee.</b>
2023 – 2024	<b>Grant Schreiner</b> – Undergraduate – Human Health & Physiology: BS Deconstructing Pediatric Stigma Across Neurodevelopment
2023 – 2024	<b>Brinegar, Aliveah</b> – Undergraduate – CLAS: BA Deconstructing Pediatric Stigma Across Neurodevelopment
2021 – 2022	<b>Alaria Harken</b> – Undergraduate – Pre-Nursing Degree Objective: BSN Pregnancy Pain Documentation in the Electronic Health Record
2019 – 2020	<b>Ekstam, Annika</b> – Undergraduate – Pre-Nursing Degree Objective: BSN Systematic Review of Pain and Depression During the Perinatal Period, Chair
2018 – 2019	<b>Patsais, Micayla</b> – Undergraduate – Pre-Nursing Degree Objective: BSN The Lived Experiences of Perinatal Depression, Chair

### ***Supervised Research***

2024 -	<b>Mary Doamekpor</b> – Graduate Nursing Degree Objective: PhD, Community Doulas of Johnson County Research Study
2023 – 2024	<b>Tianchu Lyu</b> – Graduate University of South Carolina – Department of Health Services Policy and Management Degree Objective: PhD, Machine Learning Tools to develop Predictive Models of Adverse Outcomes Among Pregnant Individuals Using Electronic Health Records Data, Chair in All of Us Scholar Mentorship Program.
2023 -- 2024	<b>Aryn Layno</b> – Undergraduate University of Arizona – Premedicine Neuroscience/Biomedical Science Double Major Degree Objective: BS. Exploring the Relationship between Body Mass Index and Estradiol Levels in Postmenopausal Women: A Comparative Analysis of White and Hispanic/Latinx Women with and without Sleep Disorders. Utilizing the All of Us Dataset, Chair of All of Us Scholar Mentorship Program. <b>Undergraduate All of Us People's Choice Poster National Awardee for Best Poster</b> and University of Arizona BioScie Southwest Symposium Presenter (Oral)
2023 – 2023	<b>Andy Vu</b> – Graduate Tippie College of Business – MS, The Effects of Immunovascular Biomechanisms of Arginine Vasopressin Hypersecretion in Preeclampsia Prediction (Blood Pressure Changes)
2019 – 2020	<b>Bobinet, Julia</b> – Undergraduate – Nursing Degree Objective: BSN Vasopressin, Depression, Pain, and Gestational Weight Gain, Chair
2019 – 2020	<b>Moore, Anna</b> – Undergraduate – Nursing Degree Objective: BSN Vasopressin, Depression, Pain, ACEs, and Preeclampsia, Chair Young Scientist Program

### ***Graduate Student Committees***

DNP Project Committees

- 2021 – 2022 **Danielle Fitch** – Graduate – Nursing Degree Objective: DNP  
Perinatal Depression, Committee Member
- 2019 – 2019 **Kersey, Laura** – Graduate – Nursing Degree Objective: DNP  
Implementation of Asthma Action Plans & Asthma Control Tests in Pediatric Patients with  
Asthma, Committee Member
- 2018 – 2018 **Palasiewicz, Cassandra** – Graduate – Nursing Degree Objective: DNP  
Implementation of an Evidence-based Scoring Tool for Iatrogenic Withdrawal Syndrome  
in Infants Hospitalized in the neonatal intensive Care Unit, Committee Member
- 2018 – 2018 **Lothamer, Kathryn** – Graduate – Nursing Degree Objective: DNP  
Procedural Support in the NICU and the Use of Oral Sucrose, Committee Member

#### PhD Committees

- 2024 - **Mary Doamekpor** – Graduate Nursing Degree Objective: PhD  
Advisor and Dissertation Committee Chair
- 2023 - **Shutters, Christina** – Graduate—Nursing Degree Objective: PhD  
ISP (Completed Fall 2024) and Dissertation Committee Chair
- 2024 - 2024 **Lyu, Tianchu**—Graduate—Health Services Policy and Management Informatics Degree  
Objective: PhD, University of South Carolina, Committee Member
- 2019 – 2019 **Miller, Emily** – Graduate – Nursing Degree Objective: PhD  
Category II Fetal Health Rate Characteristics and Cesarean Delivery Outcome:  
Descriptors and Predictions for Delivery Outcome in Low Risk Labor, Committee Member

#### ***Nursing Education***

- 2022 – 2022 **Hannah Dehner** – Graduate – Nursing Education Degree Objective: MSN  
NURS 3460: Professional Role II: Research
- 2020 – 2020 **Martin, Trina** – Graduate – Nursing Education Degree Objective: MSN  
NURS 3630: Nursing Care of Children
- 2019 – 2019 **Lares, Elyse** – Graduate – Nursing Degree Objective: PhD  
Undergraduate Teaching in NURS 3630: Nursing Care of Children and Childbearing  
Families