

CURRICULUM VITAE

Chrystal L. Lewis

BUSINESS ADDRESS/ PHONE:

Stanford Health Care, Office of Research Patient Care Services
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Menlo Park, CA 94025
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PRESENT RANK/POSITION:

Nurse Scientist

DATE APPOINTED:

October 17, 2022

LICENSURE:

R.N. Licensure: Alabama – 1-112785, Expires 12/31/2024

R.N. Licensure: California – 953022459, Expires 09/30/2024

EDUCATION:

<u>Institution</u>	<u>Date</u>	<u>Degree</u>	<u>Major/Minor</u>
University of Missouri – St. Louis	2015	PhD	Nursing
<i>Dissertation: A Comparison of the Effects of a Web-Based Education Program about the ICU Environment and a Standard Education Program on Anxiety, Depression, and Acute Stress Experienced Among Family Members of ICU Patients</i>			
University of Missouri – St. Louis	2009	MSN	Nurse Educator
University of Alabama at Birmingham	2007	BSN	Nursing

AREA OF SPECIALIZATION:

Adult Health Nursing; Medical Intensive Care Nursing

PROFESSIONAL EXPERIENCE:

<u>Institution</u>	<u>Date</u>	<u>Position/Role</u>
Stanford Health Care	2022 – present	Nurse Scientist
University of South Alabama College of Nursing	2021-2022	Associate Professor
University of South Alabama Health System University Hospital	2021-2022	Nurse Scientist- Faculty Practice
University of South Alabama College of Nursing	2015-2021	Assistant Professor
University of South Alabama Health System	2020-2021	Nurse Scientist-Pandemic Response team
University of Alabama Capstone College of Nursing	2014-2015	Adjunct Clinical Instructor
University of Alabama Capstone College of Nursing	2012-2015	Instructor
University of Missouri-St. Louis College of Nursing	2010-2012	Retention Coordinator/ Standardized Testing Coordinator
University of Missouri-St. Louis	2009-2010	Adjunct Lecturer/Clinical

College of Nursing

Instructor & Retention
Coordinator
Staff Nurse-ICU
Staff Nurse-Acute Care
Medicine

Missouri Baptist Medical Center 2008-2012
Barnes-Jewish Hospital 2007-2008

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

Hospice and Palliative Care Nurses Association, 2019 - 2021
Palliative Care Research Cooperative Group, Full Member, 2018 - 2021
International Society for Traumatic Stress Studies, 2018 - 2019
Alabama Organization of Nurse Executives, Gulf Coast Chapter, 2015 – 2017
Southern Nursing Research Society, 2016 - 2017
National League of Nursing, 2012 – 2015
Midwest Nursing Research Society, 2010 - 2012
UMSL Alumni Association College of Nursing Chapter, 2009 - 2012
Sigma Theta Tau International (STTI), Nursing Honor Society, Chapters: Nu, Nu Chi, Epsilon
Omega, Zeta Gamma, 2007 – present
Phi Kappa Phi Honor society, 2006 – present
Golden Key International Honor Society, 2005 – present

PROFESSIONAL AWARDS, LEADERSHIP ACTIVITIES AND POSITIONS:

Awards:

Top Prof, University of South Alabama, 2021.
Certificate of Pedagogy in Team Based Learning, University of South Alabama, 2018.
Team-Based Learning Professional Development Fellows, University of South Alabama, 2018.
Nancy Sue Claypool Award, University of Missouri – St. Louis, 2015.
Claypool Scholar, University of Missouri – St. Louis, 2011.
Mary Reardon Castles Award, University of Missouri – St. Louis, 2009.

Leadership:

Ad Hoc Reviewer, National Institute of Health – National Heart, Lung, and Blood Institute,
2023/01 MPOR (JA) 2.
Ad Hoc Reviewer, National Institute of Health – National Heart, Lung, and Blood Institute,
2022/10 MPOR OA 1.
Ad Hoc Reviewer, National Institute of Health – National Heart, Lung, and Blood Institute,
2022/05 MPOR MA 1.
Vice President/ President – elect STTI Zeta Gamma Chapter, 2020 – 2022.
Ad Hoc Reviewer, National Institute of Health – National Heart, Lung, and Blood Institute,
2019, MPOR OA.
Ad Hoc Reviewer, National Institute of Health – National Heart, Lung, and Blood Institute,
2018, MPOR JA.
Secretary, STTI Zeta Gamma Chapter, 2018 – 2020.
Delegate for Zeta Gamma Chapter, STTI Biennial Convention, 2019.
Judge for Alabama Academy of Science Gorgas Scholars Competition, 2017.
Leadership Succession Committee Member of STTI Zeta Gamma Chapter, 2016 – 2018.
Webmaster for Epsilon Omega Chapter of STTI, 2012 – 2014.
Delegate for Nu Chi Chapter, STTI Biennial Convention, 2011.
Treasurer for UMSL Alumni Association College of Nursing Chapter, 2009 – 2011.

RESEARCH and GRANTSMANSHIP:

Funded

Lewis, C. L. (2019). *Palliative Care Needs of Patients with Ehlers-Danlos Syndrome: A Patient-Centered Research Initiative*. University of South Alabama Faculty Development Council Fellows Program. Funded \$5,000.

Lewis, C. L. (2018). *Transforming Undergraduate Nursing Evidence-Based Practice Course Using Standards Based Grading*. University of South Alabama Innovation and Learning Center Scholarship of Teaching and Learning Grant. Funded \$500.

Lewis, C. L., Moore, E., & Riley, B. (2018). *Palliative Care Needs for Patients with Ehlers-Danlos Syndrome and their Caregivers: A Pilot Study*. University of South Alabama College of Nursing Dean's Grant. Funded \$3,786.

Lewis, C. L. (2017). *Utilization of TBL to Teach Healthcare Ethics to Undergraduate Nursing Students*. University of South Alabama Innovation and Learning Center Scholarship of Teaching and Learning Grant. Funded \$1,000.

Lewis, C. L. (2013). *A Comparison of the Effects of a Web-Based Education Program about the ICU Environment and a Standard Education Program on Anxiety, Depression, and Acute Stress Experienced Among Family Members of ICU Patients*. Sigma Theta Tau International Nu Chi Chapter Research Grant. Funded \$2,000

Taylor, J. L. & Lewis, C. L. (2011). *Creating Unique Student Paths to NCLEX-RN Success: Improving NCLEX-RN Pass Rates Utilizing Individualized Learning Plans*. Sigma Theta Tau International Educational Assessment Nursing Research Grant sponsored by ATI Nursing Education. Funded \$6,000

Not Funded - Grantsmanship

Lewis, C. L. (PI) & Lyon, M. L. (2019). *Ehlers-Danlos Patients VOICES HEARD: Promoting Palliative Care Engagement*. National Institute of Health – National Institute of Nursing Research. R21 Grant. \$405,355.

Sittig, S.(PI) & Lewis, C. L. (2018). *Improving Self-Efficacy, Knowledge, and Self-Management in Individuals with Type II Diabetes through a User-Centered Designed mHealth Application*. University of South Alabama Research and Scholarly Development Grant. Not funded. \$25,000.

Lewis, C. L. (PI), Sittig, S., & Langhinrichsen-Roling, J. (2018). *Patients' Trust in Healthcare Providers*. University of South Alabama Faculty Development Council Grant. Not funded \$5,000.

Lewis, C. L. (PI), Selwyn, C., Sittig,S., Riley, B., Campbell, M., & Langhinrichsen-Roling, J. (2017). *Recognizing the Wound of Health Care Institutional Betrayal: Building a Patient Trust Indicator*. Robert Wood Johnson Foundation. Not Funded. \$250,000.

Lewis, C. L. (PI), Moore, E., & Doll, E. (2017). *A Multi-Method Approach to Increase Goals of Care Discussions with ICU Families*. Sigma Theta Tau International and Hospice and Palliative Nurses Foundation. Not funded \$10,000.

Lewis, C. L. (PI). (2017). *Role of Previous ICU Experience on Family Member's Psychological Distress*. Sigma Theta Tau International and Southern Nurses Research Society. Not funded \$5,000.

Lewis, C. L. (PI). (2017). *Effect of Introductory Palliative Care Education on ICU Healthcare Providers' Attitudes and Knowledge*. University of South Alabama Faculty Development Council Grant. Not Funded \$5,000.

Not Funded - Research

Lewis, C. L., Fox, N., Daniel, C., & Allen, P. (2021). Community COVID-19 Vaccine Clinic Perceptions.

Doll, E. & Lewis, C. L. (2017). STICU Communication Bundle and Critical Care Family Satisfaction Score.

Lewis, C. L., Moore, E., Brevard, S., Doll, E. & Baugh, C. (2016-2018). Evolution of Health Care Providers' Attitudes Towards Acute Palliative and End of Life Care.

Lewis, C. L., Deakle, K., Neece, N., Fowler, R., Kennell, K., Hienl, V., Doll, E. Lawrence, S. (2016-2017). Surgical Family Needs Assessment.

Lewis, C. L., Gillman, A., Sawyer, E., Doll, E., & Scott, K. (2016). Comparison of Thermometer Sensitivity in Intensive Care Units.

Lewis, C. L., Franklin, T., Kornell, K., Johnson, R., Maynard, V., & Doll, E. (2016). Effectiveness of a PCU Status Re-evaluation Tool.

STUDENTS MENTORED

2022	Kaleb Kitrell	BS Mathematics and Statistics; University Honors	Health Literacy of d/Deaf and Hard of Hearing Patients in the South.
2022	Allisa Ikner	BS Exercise Science; University Honors; SURF – Summer Undergraduate Research Fellowship	Trauma Informed Care (TIC) in the field of Physical Therapy
2021	Chelsea Geter	BSN Honors; University Honors	Limitations of Nursing Research During the COVID-19 Pandemic
2021	Mackenzie Kitchens	BSN Honors	Humanizing Care in the ICU Using Who Am I Posters to Tell Patient's Stories
2021	Judith Hoyt	BSN Honors; University Honors	Health Care Providers' Attitudes Toward Screening Patients for Sexual Violence and Intimate Partner Violence *Committee Member
2021	Mollie Wade	BSN Honors; University Honors	The Effects of Dating Violence on Survivors and Healthcare Utilization *Committee Member
2020	Emma Kolany	BSN Honors;	Assessing Palliative Care Knowledge in Nursing

		University Honors	Education in Undergraduate Nursing Students and Faculty
2020	Dalton Bradley	BSN Honors; University Honors	Palliative Care Needs for Patients with Myasthenia Gravis: A Pilot Study
2020	Nicole Greene	BSN Honors; University Honors	Palliative Care and Ehlers-Danlos Syndrome (EDS) Physical Symptom Needs
2019	Allyson Perkins	BSN Honors; University Honors	Improving the New Nurse Orientation in a Trauma Unit
2019	Kaylee Covan	BSN Honors	The Effects of Pet Therapy in Inpatient Trauma Services
2019	Christopher Law	BSN Honors	Music Medicine as Distraction Therapy for Families in the STICU
2019	Natalie Williams	BSN Honors; University Honors	Palliative Nurse Competency Regarding Care of Rare Diseases
2019	Lauren Gardner	BSN Honors	Skin to Skin Contact in the Sacred Hour of Neonatal Life *Committee Member
2019	Chandler Jones	BSN Honors	Evaluation of Nurses' Knowledge and Confidence in Acute Psychiatric Care
2018	Jillian McCardle	BSN Honors	Assessing Food Insecurity's Impact on Education *Committee Member
2018 - 2019	Mallory Schneider	PhD in Psychology	What parents want: Preferences for mental/ behavioral health screening implementation procedures in pediatric primary care (Dissertation committee member)
2018	Kinsley Knapp	BSN Honors; University Honors	Limitations to Research in a Neonatal Intensive Care Unit: A Meta-synthesis Review
2018	Kara Gallamore	BSN Honors	Care of the Bereaved Parents of Adult Children
2018	MaryLynn Hoffman	BSN Honors	Patient Comfort and Pain Control in the Burn Unit
2018	Ashley Joellenbeck	BS in Biomedical Sciences; University Honors	The Level of Comfort with Which Parents Successfully Discuss Psychosocial Problems with Their Child's Healthcare Provider *Committee Member
2017	Elizabeth Doll	MSN – CNL	Implementing a Communication Bundle in the STICU to Improve Family Satisfaction
2017	Michalyn McGraw	BSN Honors	Assessing Implications of Post Anesthesia Care Unit Patient Acuity on Nurse Patient Ratios
2017	Rikysha Smith	BSN Honors	Preventing Pressure Ulcers in ICU patients
2017	Meghan Seargant	BSN Honors	Homelessness: Attitudes of Nursing Students
2016	Heidi Evans	BSN Honors	Caring for Children with Special Needs *Committee Member

REFEREED PUBLICATIONS:

*Note Lewis and Sullivan are synonymous

Journal Articles:

Gigler, M. E., Lathan, E. C., Cardarelli, O., Lewis, C. L., McCabe, S., & Langhinrichsen-Rohling, J. (2022). Young adults' expectations for healthcare following institutional betrayal. *Journal of Trauma & Dissociation*, 1-16. <https://doi.org/10.1080/15299732.2022.2120151>

Langhinrichsen-Rohling, J., **Lewis, C. L.**, McCabe, S., Lathan, E.C., Agnew, G.A., Selwyn, C.N., & Gigler, M.E. (2021). They've been BITTEN: Using a patient-centered, trauma-informed framework to consider Ehlers-Danlos Syndrome patients' unmet healthcare-related needs. *Therapeutic Advances in Rare Disease* (accepted, in press).

Lewis, C. L., Lathan, E.C., Selwyn, C.N., Agnew, G.A., McCabe, S.D., Gigler, M.E., Langhinrichsen-Rohling, J. (2021). BITTEN at the Bedside: A Model Guide for Nurse Practitioners using Trauma Informed Care. *Journal for Nurse Practitioners*, 17(6), 691-696. doi: <https://doi.org/10.1016/j.nurpra.2020.12.006>

Ashana, D., **Lewis, C. L.**, & Hart, J. (2020). Dealing with “difficult” patients and families: making a case for trauma-informed care in the intensive care unit. *Annals of the American Thoracic Society*, 17 (5) 541-544. DOI: 10.1513/AnnalsATS.201909-700IP

Davis, W. D., Evans, D., Fieberg, W., & **Lewis, C. L.** (2020). Emergency care: Examining the State of the science through a concept analysis. *The Journal of the American Association of Nurse Practitioners*, 32(5), 359-366. doi:10.1097/JXX.0000000000000229

Lewis, C. L. & Estis, J. (2020). Using team-based learning to teach human subjects research ethics. *Medical Science Educator*, 30, 617–620. <https://doi.org/10.1007/s40670-019-00846-7>

Taylor, J.Z., **Lewis, C. L.**, Davis, L.E. (2019). Sexual wellness and rare disease considerations: A behavioral case conceptualization and approach to counseling treatment. *Journal of Counseling Sexology & Sexual Wellness: Research, Practice, and Education*, 1, 96 - 104. doi:10.34296/01021018

Lewis, C. L., Langhinrichsen-Rohling, J., Selwyn, C.N., & Lathan, E.C. (2019). Once BITTEN, twice shy: An applied trauma-informed healthcare model. *Nursing Science Quarterly*, 32(4), 291-298. <https://doi.org/10.1177/0894318419864344>

Lewis, C. L., Swanzy, D., Lynch, C., & Dearmon, V. (2019). GROWTH: A strategy for nursing student retention. *Journal of Nursing Education*, 58 (3), 173-177. doi:10.3928/01484834-20190221-09

Taylor, J. Z. & **Lewis, C. L.** (2018). The shared emotional themes of illness and anaphylaxis: An application with relevance for medical family therapy. *The Family Journal*, 26 (2), 208-216. <https://doi.org/10.1177/1066480718777410>

Taylor, J. Z. & **Lewis, C. L.** (2018). Counseling adults with food allergies after an anaphylactic reaction: An application of emotion-focused therapy. *Journal of Mental Health Counseling* 40 (1), 14-25. <https://doi.org/10.17744/mehc.40.1.02>

Lewis, C. L. & Taylor, J. Z. (2017). Impact of prior ICU experience on ICU patient family members' psychological distress: A descriptive study. *Intensive and Critical Care Nursing*, 43, 129-135. doi: 10.1016/j.iccn.2017.09.008.

Holt, C., Dearmon, V., Lawrence, S., **Lewis, C. L.**, & Skotzko, C. E. (2016). Implementing an alcohol withdrawal protocol: A quality improvement project. *Journal of Nursing Care Quality*, 32 (3), 234-241. doi: 10.1097/NCQ.0000000000000231

Sullivan, C. L. (2007). Technology communication needs as perceived by adolescent and young adult cancer survivors. (21st National Conference on Undergraduate Research, Dominican

University of California). *NCUR 2007 Proceedings of the National Conference on Undergraduate Research*, 758-765.

Abstracts:

Lewis, C. L., Moore, E.P. & Taylor, J.Z. (2020). Assessing Palliative Care Needs in Patients with Ehlers-Danlos Syndrome (GP760). *Journal of Pain and Symptom Management*, 60(1), 280.
<https://doi.org/10.1016/j.jpainsymman.2020.04.187>

Lewis, C. L., Mestas, L., Doll, E., Johnson, R., Maynard, V., & Crook-Kennell, K. (2017, October). *Influencing frontline nurses through an academic practice partnership to drive a PCU Quality Improvement initiative*. Virginia Henderson Global Nursing e-Repository.

Lewis, C. L. & Taylor, J. Z. (2017, July). *Impact of prior ICU experience on ICU patient family members' psychological distress*. Virginia Henderson Global Nursing e-Repository.

Sullivan, C. L., Brown, R.D. & Buckner, E.B. (2007). Technology Communication Needs as Perceived by Adolescent and Young Adult Cancer Survivors. *Journal of the Alabama Academy of Science*, 79 (3), 141.

OTHER PUBLICATIONS (Non-Refereed)

Published book reviews:

2014, Book reviewer for *NCLEX-RN Questions & Answers Made Incredibly Easy*, 6e by Lisko.

2014, Book reviewer for *Lippincott's NCLEX-RN Alternate Format Questions*, 5e by Rupert.

PROFESSIONAL PRESENTATIONS:

International

Lewis, C. L. (2022, July). *Transforming Graduate Nursing Student Learning: Accommodating Students During Pandemic Learning*. Poster session presented at the Honor Society of Nursing, Sigma Theta Tau International 33rd International Nursing Research Congress, Edinburgh, Scotland.

Gigler, M.E., Lathan, E.C., Langhinrichsen-Rohling, J., Cardarelli, O., & **Lewis, C.L.** (2021, November). *The impact of healthcare-related institutional betrayal on young adults' healthcare expectations*. Presented virtually at the 37th Annual Meeting of the International Society for Traumatic Stress Studies.

McCabe, S., **Lewis, C.**, Agnew, G., Gigler, M., & Langhinrichsen-Rohling, J. (2021, November) A Comparison Between the Unmet Needs of Two Rare Disease Populations: Addressing Institutional Betrayal, Trauma and Their Effects Outside of Healthcare. Poster to be presented virtually at the *37th Annual Meeting of the International Society of Traumatic Stress Studies*.

McCabe, S.D, Langhinrichsen-Rohling, J., Lathan, E.C., **Lewis, C. L.**, Selwyn, C.N., & Agnew, G.A. (2020, November). *Improving Practice with Ehlers-Danlos Syndrome Patients: Using BITTEN to Recognize the Barriers Generated by Institutional Betrayal and Past Medical Trauma*. Poster presentation at the International Society for Traumatic Stress Studies 36th Annual Meeting, Atlanta, GA. *Changed to "virtual" format due to COVID-19 pandemic.

Lewis, C. L. & Langhinrichsen-Rohling, J. (2020, June). *Psychological Impact of HAE led to the Creation of the BITTEN Model of Trauma Informed Healthcare*. Paper presentation at Hereditary Angioedema “Virtual” Global Conference, Remote*. *Originally scheduled for Frankfurt, Germany. Remote virtual conference due to COVID-19 pandemic.

Lewis, C. L., Moore, E. & Selwyn, C. (2019, November). *Identifying Unmet Mental Health and Emotional Palliative Care Needs in Patients with Ehlers Danlos Syndrome*. Paper session presented at the Honor Society of Nursing, Sigma Theta Tau International 45th Biennial Convention, Washington, DC.

Lewis, C. L. & Langhinrichsen-Rohling, J. (2018, November). *The BITTEN Model: A Trauma Informed Healthcare Model for Vulnerable Patients*. Poster presentation at the International Society for Traumatic Stress Studies 34th Annual Meeting, Washington, DC.

Lewis, C. L. (2018, March). *An Innovative TBL Module for Teaching Ethics in Human Subjects Research*. Poster presentation at the Team-Based Learning Collaborative 17th Annual Conference on Team-Based Learning, San Diego, CA.

Lewis, C. L., Mestas, L., Doll, E., Johnson, R., Maynard, V., & Crook-Kennell, K. (2017, October). *Influencing frontline nurses through an academic practice partnership to drive a PCU Quality Improvement initiative*. Paper session presented at the Honor Society of Nursing, Sigma Theta Tau International 44th Biennial Convention, Indianapolis, IN.

Lewis, C. L. & Taylor, J. Z. (2017, July). *Impact of prior ICU experience on ICU patient family members’ psychological distress*. Paper session presented at the Honor Society of Nursing, Sigma Theta Tau International 28th International Nursing Research Congress, Dublin, Ireland.

Lewis, C. L., Slater, L., Riley, B. H., & Feeley, C. (2013, November). Honors BSN students to nursing scholars: A fast track approach to the nurse faculty shortage. In E. Buckner (chair), *Developing emerging nurse scholars through nursing honors programs*. Symposium at the Honor Society of Nursing, Sigma Theta Tau International 42nd Biennial Convention, Indianapolis, IN.

Taylor, J. & Lewis, C. L. (2013, November). *Creating unique student paths to NCLEX-RN success: Improving NCLEX-RN pass rates utilizing individualized learning plans*. Paper session presented at the Honor Society of Nursing, Sigma Theta Tau International 42nd Biennial Convention, Indianapolis, IN.

Lewis, C. L. (2013, November). *The effects of a web-based education program about the ICU environment on anxiety, depression, and acute stress experienced by family members of ICU patients*. Poster presentation at the Honor Society of Nursing, Sigma Theta Tau International 42nd Biennial Convention, Indianapolis, IN.

National

Lewis, C.L., Riedl, M., & Tiso, S. (2022). *Hereditary Angioedema: Enhancing Patient Quality of Life Through Individualized Treatment and Improved Access to Care*. Virtual Roundtable presentation. AAPA and NAPNAP CE. [Hereditary Angioedema: Enhancing Patient Quality of Life Through Individualized Treatment and Improved Access to Care | PCE \(practicingclinicians.com\)](https://www.practicingclinicians.com)

Shaw, T. & Lewis, C. L. (2021, September). *Building Connections: Evolution of REDCap for COVID-19 Testing, Vaccination, & Beyond*. Virtual podium presentation at REDCap Con v2021.

Lewis, C. L. (2021, June). *Transitions from Points to Standards in a Nursing Writing Course: Review of an Example Assignment*. Podium presentation at Mastery Grading Conference: University STEM Focus (virtual).

Lewis, C. L. & VandeWaa, E. (2020, May). *Angioedema Treatment: Epi and Beyond*. Concurrent podium presentation at the American Association of Critical Care Nurses National Teaching Institute & Critical Care Exposition, Indianapolis, IN. *Accepted and scheduled to be delivered on 5/4/2020, yet not delivered due to conference cancellation related to COVID-19 pandemic.

VandeWaa, E., & **Lewis, C. L.** (2020, May). *Beware of the Orphan Drug: Role of Cost in Drug Selection*. Concurrent podium presentation at the American Association of Critical Care Nurses National Teaching Institute & Critical Care Exposition, Indianapolis, IN. * Accepted and scheduled to be delivered on 5/4/2020, yet not delivered due to conference cancellation related to COVID-19 pandemic.

Lewis, C. L., Moore, E., & Taylor, J.Z. (2020, March). *Assessing Palliative Care Needs in Patients with Ehlers-Danlos Syndrome*. Poster presentation at the American Association of Hospice and Palliative Medicine State of the Science, San Diego, CA. *developed, scheduled to be delivered on 3/21/2020, yet not delivered due to reason conference cancellation related to COVID-19 pandemic.

Lewis, C. L. (2019, November). *Innovations in Paper Assessment: Using Specifications Based Grading*. Poster presentation at the American Association of Colleges of Nursing 2019 Baccalaureate Education Conference, Orlando, FL.

VandeWaa, E. & **Lewis, C. L.** (2019, May). *Acute Pharmacologic Management of Non-Allergic Angioedema*. Concurrent podium presentation at the American Association of Critical Care Nurses National Teaching Institute & Critical Care Exposition, Orlando, FL.

Williams, N. & **Lewis, C. L.** (2019, March). *Palliative Nurse Competency Regarding Care of Rare Diseases*. Poster presentation at the 2019 Annual Assembly of Hospice and Palliative Care, Orlando, FL.

VandeWaa, E. & **Lewis, C. L.** (2018, May). *Acute Pharmacologic Management of Non-Allergic Angioedema*. Concurrent podium presentation at the American Association of Critical Care Nurses National Teaching Institute & Critical Care Exposition, Boston, MA.

Lewis, C. L. (2017, October). *Rare Disease Education: Don't Forget the Nurses. A Case Study of a Hospital Nurse Uninformed About Rare Disease*. Poster presentation at the National Organization for Rare Diseases (NORD) Rare Summit, Washington, D.C.

Lewis, C. L. and Taylor, J. (2011, April). *Improving NCLEX-RN pass rates utilizing individualized learning plans to enhance remediation for students achieving below benchmark on RN comprehensive predictor exam*. Poster presented at the ATI National Nurse Educator Summit, Orlando, FL.

Sullivan, C. L. (2007, April). *Technology communication needs as perceived by adolescent and young adult cancer survivors*. Paper presentation at The 21st National Conference on Undergraduate Research (NCUR), Dominican University of California.

Regional

Ikner, A. & **Lewis, C.** (2022, April). *Assessing Trauma-Informed Care in Physical Therapy*. Podium presentation at the Southern Regional Honors Conference 2022, Birmingham, AL.

Kitrell, K. & **Lewis, C.** (2022, April). *Health Literacy of d/Deaf and Hard of Hearing Patients in the South*. Podium presentation at the Southern Regional Honors Conference 2022, Birmingham, AL.

Clark, C. & **Lewis, C.** (2022, April). *Exploring Causative Factors Responsible for High Turnover Rates of Nurses*. Poster presentation at the Southern Regional Honors Conference 2022, Birmingham, AL.

Davis, W. D., Evans, D., Fieberg, W., & **Lewis, C. L.** (2019, February). *Emergency care: Examining the State of the science through a concept analysis*. Poster presentation at the 2019 Southeastern Regional AAENP Meeting, Nashville, TN.

Lewis, C. L., Sawyer, E., Gillman, A., Doll, E., & Scott, K. (2016, September). *Comparison of thermometer sensitivity in intensive care units*. Oral presentation at STTI Region 8 Conference 2016, Jackson, MS.

Lewis, C. L. (2011, March). *The taxing toll of being a family member of an ICU patient: A pilot narrative analysis*. Poster presented at the Midwest Nursing Research Society Conference, Columbus, OH.

Lewis, C. L. (2010, April). *Induced hypothermia treatment after cardiac arrest: improving survival*. Poster presented at the Midwest Nursing Research Society Conference, Kansas City, MO.

State and Local

Lewis, D. & Lewis, C. (2022, May). *Introduction to Ungrading*. Oral presentation at 12th Annual University of South Alabama Conference on Teaching and Learning, Mobile, AL.

Lewis, C. L., Fox, N., Kahalley, S. (2021, November). *Nursing-Led Clinics for COVID-19 Testing and Vaccine Partnership*. Virtual recorded presentation at Alabama State Nurses Association Convention, virtual.

Lewis, C. L. (2021, May). *Nursing Led COVID-19 Vaccination Clinic*. Invited Podium presentation at the University of South Alabama College of Nursing Alumni Society Nurses' Week CEU, Mobile, AL. *Delivered virtually due to COVID-19 pandemic.

Lewis, C. L. (2020, June). *BITTEN at the Bedside: Using Trauma Informed Care*. Invited Podium presentation at the Gulf Coast Organization for Nursing Leadership 2020 Virtual Conference Series, Mobile, AL. *Delivered virtually for local organization due to COVID-19 pandemic.

Lewis, C. L. (2019, May). *BITTEN at the Bedside*. Invited Podium presentation at the University of South Alabama College of Nursing Alumni Society Nurses' Week CEU, Mobile, AL.

Jones, C., **Lewis, C. L.**, & Smith, S. (2019, February). *Evaluation of Nurse's Knowledge and Confidence in Acute Psychiatric Care*. Poster presentation at the Alabama Academy of Science 96th annual meeting, Tuskegee, AL.

Gardner, L., Minchew, L. A., & **Lewis, C. L.** (2019, February). *Skin to Skin Contact in the Sacred Hour of Neonatal Life*. Poster presentation at the Alabama Academy of Science 96th annual meeting, Tuskegee, AL.

Lewis, C. L., Langhinrichsen-Rohling, J., Selwyn, C. N., & Lathan, E. C. (2018, October). *Using the BITTEN Model of Trauma-Informed Care to Transform Healthcare*. Oral presentation at Second Annual University of South Alabama EBP Symposium, Mobile, AL.

Lewis, C. L. (2018, May). *An Innovative TBL Module for Teaching Ethics in Human Subjects Research*. Oral presentation at Eighth Annual University of South Alabama Conference on Teaching and Learning, Mobile, AL.

Lewis, C. L. (2017, May). *Web-Ex Office Hours: Increasing Engagement with Graduate Nursing Students in an Online Course*. Oral presentation at Seventh Annual University of South Alabama Conference on Teaching and Learning, Mobile, AL.

Lewis, C. L. Mestas, L., Crook-Kennell, K., Johnson, R. R., & Maynard, V. (2017, April). Reducing patient length of stay in the progressive care unit. Oral presentation at Elizabeth A. Morris Clinical Education Sessions - FACES '17, Montgomery, AL.

Lewis, C. L. (2016, November). *ELNEC Core - Palliative Nursing Care*. Invited presentation at the Alabama State Nurses' Association District 4 Meeting, Mobile, AL.

Lewis, C. L. (2016, October). *The Power of Data Analysis to Promote Change within a Healthcare Organization*. Oral presentation at Leading Innovation: Transforming Healthcare Alabama Organization of Nurse Executives Leadership Conference, Mobile, AL.

Lewis, C. L. & VandeWaa, E. (2016, August). *New treatment strategies for angioedema*. Oral presentation at Sigma Theta Tau Zeta Gamma Chapter's Continuing Education Conference 2016, Mobile, AL.

Lewis, C. L. (2016, May). *Impact of life threatening near miss on patient's perception: A case study*. Poster presentation at Gulf Coast Organization of Nurse Executives Conference: Enhancing Nursing Practice at the Point of Care, Mobile, AL.

Buckner, E., Bauer, N., Clanton, C., Kennedy, E., Marin, M., Mata, J., Omar, B., Palle, K., VandeWaa, E., Bunch, J., Culler, R., **Lewis, C. L.**, Hurley, P., & McMullan, T. (2016, May). *University of South Alabama Faculty Senate New Faculty Mentoring Program: First Year Experiences*. Panel presentation at the Sixth Annual South Alabama Conference on Teaching and Learning, Mobile, AL.

Sullivan, C. L., Brown, R.D. & Buckner, E.B. (2007, April). *Technology communication needs as perceived by adolescent and young adult cancer survivors*. Paper presentation at the Alabama Academy of Science 84th Annual meeting, Tuskegee, AL.

PROFESSIONAL SERVICE:

University Committees:

2021 - 2022	University Honors Curriculum Committee
2018 – 2021	Member, University Writing Committee
2018 – Present	Member, USA Honors Faculty Council
2016 – 2018	Member, Scholarship and Financial Aid Committee, University of South Alabama
2015 – Present	Faculty Advisor, Evidence Based Practice (EBP) Council, University of South Alabama Medical Center
2016 – 2018	Faculty Advisor, Surgery Family Communications PACT for NPC, University of South Alabama Medical Center

2015 – 2017	Faculty Advisor, PCU PACT for NPC, University of South Alabama Medical Center
2015 – 2022.	Faculty Advisor, Nursing Practice Congress (NPC), University of South Alabama Medical Center
2017 – 2022	University Honors Program Interviewer, University of South Alabama
2017 - 2019	University of South Alabama Medical Center EBP Symposium Planning Committee

College of Nursing Committees:

2021 – 2022	College of Nursing Promotion Committee
2020	Evaluation Ad Hoc Committee - Tenure/Tenure-Track Faculty
2019 – 2020	Undergraduate Curriculum Evaluation Committee
2018 – 2020	Evaluation Committee
2018	BSN Assessment Sub-Committee
2017	Ad Hoc Accelerated Curriculum Committee
2015 – 2022	Undergraduate Faculty Organization
2015 – 2022	Graduate Faculty Organization
2015 – 2022	Faculty Organization

Departmental Committees:

2021 – 2022	Adult Health Nursing Promotion Committee
2015 – 2022	Adult Health Nursing Faculty Committee
2015 – 2022	Adult Health Nursing Faculty Interviews

International Committees

2018-2019-Board Member, Next Generation Leader Task Force, Sigma Theta Tau International, remote

Regional Committees

2018-Chair, Abstract Committee, Sigma Theta Tau Region 8 Conference, (remote – 75 abstracts)
2018-Member, Planning Committee Sigma Theta Tau Region 8 Conference

Other Professional Service:

2022 Peer Reviewer, *The Journal for Nurse Practitioners*
2021 Peer Reviewer, Sigma Theta Tau International, 33rd International Research Congress, Edinburgh, Scotland (remote, 15 abstracts)
2021-Peer Reviewer, *Journal of International Medical Research*.
2021-Peer Reviewer, *Critical Care Nurse*.
2021-Scholarship Reviewer for Fall 2021 applications, Hereditary Angioedema Association (remote)
2020-Peer Reviewer Sigma Theta Tau International, 32nd International Nursing Research Congress (remote)
2020-Scholarship Reviewer for Spring 2021 applications, Hereditary Angioedema Association (remote)
2020-Scholarship Reviewer for Fall 2020 applications, Hereditary Angioedema Association, (remote, 56 applications)
2020-Peer Reviewer, Sigma Theta Tau International, 31st International Research Congress, Abu Dhabi, UAE (remote, 15 abstracts)
2020-Peer Reviewer, Sigma Theta Tau International Research Grants
2020-Peer Reviewer, *Educational Review*.
2019-Moderator, Sigma Theta Tau International Biennial Convention, Washington, D.C.

2019-Peer Reviewer, *Critical Care Nurse*.
 2019-Peer Reviewer, 2020 Annual Assembly Hospice and Palliative Care.
 2019-Judge, National Intercollegiate Ethics Bowl, Mobile, AL.
 2018-Abstract Reviewer, Sigma Theta Tau International 30th International Research Congress, Calgary, Canada (remote, 12 abstracts)
 2018-Abstract Reviewer, Sigma Theta Tau International Creating Healthy Work Environments 2019- New Orleans, LA (remote, 3 abstracts)
 2018-Scholarship Reviewer for Spring 2019 applications, Hereditary Angioedema Association, (remote, 23 applications)
 2018-Grant Reviewer, Sigma Theta Tau International (remote, 2 grant proposals)
 2018-Judge, National Intercollegiate Ethics Bowl, Mobile, AL.
 2018-Scholarship Reviewer for Fall 2018 applications, Hereditary Angioedema Association, (remote, 40 applications)
 2018-Abstract Reviewer, Sigma Theta Tau International 29th International Research Congress, Melbourne, Australia (remote, 9 abstracts)
 2017-Moderator, Sigma Theta Tau International 44th Biennial Convention, Indianapolis, IN (3 sessions)
 2017-Grant Reviewer, Sigma Theta Tau International (remote, 3 grant proposals)
 2017-Moderator, Sigma Theta Tau International 27th Research Congress, Dublin, Ireland (3 sessions)
 2017-Abstract Reviewer, USA Medical Center EBP Symposium, Mobile, AL. (15 abstracts)
 2017-Abstract Reviewer, Sigma Theta Tau International 44th Biennial Convention (remote, 23 abstracts)
 2017-Scholarship Reviewer, Hereditary Angioedema Association, (remote, 35 applications)
 2017-Judge, Alabama Junior Academy of Science 94th Meeting, Mobile, AL

COURSES DEVELOPED/SIGNIFICANTLY ENHANCED

University of South Alabama:

NU 304: Evidence Based Practice	Course re-designed Spring 2019. Switched to standards-based grading; wrote 25 course standards; mapped assessments to each course standard. Flipped classroom to entire TBL based activities during class time and wrote and recorded lecture videos. Completely revised lectures and created TBL activities for Quantitative Design, Ethics, Theory, Qualitative Research, and Quality Improvement modules (6 modules) Assisted course coordinator with item writing
HSC 450 Ethical Considerations in Aging	Created this asynchronous online course implementing evidence-based pedagogy strategies. This course was the first of its kind to use Ungrading principles in the College of Nursing. This course used Team Based Learning and visual journaling to discuss ethical considerations across aging populations.
NU 499 Nursing Honors Seminar 1	Wrote standards for standards based grading; created rubrics; completely re-designed course site; created course calendar; created assignment deadlines; created mentor
NU 499 Nursing Honors Seminar 2	Wrote standards for standards based grading; created rubrics; completely re-designed course site; created

NU 499 Nursing Honors Seminar 3 course calendar; created assignment deadlines; created mentor logs; created project implementation logs. Wrote standards for standards based grading; created rubrics; completely re-designed course site; created course calendar; created assignment deadlines; created mentor logs; created project implementation logs; Data analysis.

NU 607: Scientific Underpinnings for Advanced Nursing Practice Implemented using web-ex office hours prior to paper due dates. Adopted by other 607 faculty.

Other Institutions:

NU 471: Complex Client
NUR 475: Preparation for Licensure
NUR 479: Independent Study Licensure Preparation

COURSES TAUGHT:

University of South Alabama:

GRADUATE

NU 607- Scientific Underpinnings of Advanced Nursing Practice
NU 608- EBP & Quality Improvement HCS
NU 613- Organizational & System Leadership
NU 616- Data & Decision Making in Healthcare Systems

Guest Teaching:

AU 616- Research Design Hearing Science
SLP 510- Introduction to Research Design

UNDERGRADUATE

NU 304- Evidence-Based Practice in Nursing
NU 311- Clinical Skills in Nursing
HSC 450 Ethical Considerations in Aging
NU 499-101- Nursing Honors Seminar 1
NU 499-102- Nursing Honors Seminar 2
NU 499-103- Nursing Honors Seminar 3

Other Institutions:

University of Alabama

NU 471- Complex Client
NUR 475- Preparation for Licensure
NUR 479- Independent Study Licensure Preparation

University of Missouri – St. Louis

NU 350- Fundamentals of Nursing