

LEAH SHERIDAN, PHD

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Northeast Ohio Medical University (NEOMED)
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EDUCATION, PROFESSIONAL EXPERIENCE, HONORS & AWARDS

Highlights

- PhD in Physiology, 2005
- Two postdoctoral research fellowships, 2005-2009
- Fifteen years of teaching experience and mentoring at numerous levels of education and professional development (i.e., undergraduate, graduate, physical therapy, pharmacy, osteopathic and allopathic medical, faculty)
- Nine-time recipient of national, university, and college teaching awards

CURRICULUM & FACULTY DEVELOPMENT/LEADERSHIP

Highlights

- Creation of enduring educational content:
 - Core curriculum developer
 - Medical student academic fellowship, Northeast Ohio Medical University (NEOMED)
 - Preclerkship Curriculum, NEOMED
 - Aquifer Sciences, Aquifer (nationally developed curriculum)
 - Pathways to Health and Wellness Curriculum, Ohio University, Heritage College of Osteopathic Medicine (OU-HCOM)
 - Doctor of Pharmacy Curriculum, Regis University
 - Development of seven courses and over 65 team-based learning modules
- Sixteen-time appointment as Course Director in pharmacy and medical education
- Eight years of OU-HCOM Curriculum Committee (CC) service & leadership with oversight over 4-year program: 1 year as CC Chair, 1 year as CC Longitudinal Content Liaison (content mapping), 1 year as CC member, 5 years as curriculum steering committee member
- Development of a faculty development program as Chair of the OU-HCOM Faculty Engagement and Enhancement Committee (developed and facilitated 8 workshops and 3 online modules)
- Co-Editor-in-Chief, Aquifer Sciences, Aquifer
- Chair, International Association of Medical Science Educators Virtual Forum Planning Committee
- Author/reviewer of AAMC Central Group on Educational Affairs Faculty Development Special Interest Group "MedEd Pearls" monthly blog

SCHOLARLY ACTIVITY

Highlights

- Published 51 virtual teaching and learning resources, abstracts, blogs and manuscripts with health care education organizations and journals since 2012
- Delivered 35 workshops and presentations (15 peer-reviewed, 20 invited) at various universities and international, national, and regional meetings since 2012 in areas of curriculum design and teaching best practices
- Founding Chair, Heritage College Medical Education Research Group
- Recipient of Regis University leadership award for promoting research and scholarly excellence
- Ad hoc reviewer for *Medical Science Educator* and *Advances in Physiology Education* journals

EDUCATION

PhD in Physiology , University of Wisconsin-Madison <i>Dissertation: Role of the cytoplasmic loops of the DHPR alpha 1 subunit in skeletal and cardiac excitation-contraction coupling</i>	2005
MS in Physiology , University of Wisconsin-Madison	2002
BS in Biology , Marquette University	2000

PROFESSIONAL APPOINTMENTS

Professor and Associate Dean for Medical Education , College of Medicine, Northeast Ohio Medical University	2024 – Present
Professor of Instruction , Department of Biomedical Sciences, University Heritage College of Osteopathic Medicine	2020 – 2023
Associate Professor of Instruction , Department of Biomedical Sciences, Ohio University Heritage College of Osteopathic Medicine	2014 – 2020
Assistant Professor , Department of Pharmaceutical Sciences, Regis University School of Pharmacy	2011 – 2014
Lecturer , School of Biological Sciences, University of Northern Colorado	2009 – 2011
Lecturer , Physical Therapy Program University of Colorado Denver School of Medicine	2009 – 2010
Postdoctoral Fellow , Barbara Davis Center for Childhood Diabetes, University of Colorado Denver	2007 – 2009
Postdoctoral Fellow , Department of Physiology and Biophysics, University of Colorado Denver	2005 – 2007
Graduate Teaching & Research Assistant , Department of Physiology, University of Wisconsin Madison	2000 – 2005

HONORS AND AWARDS

- Distinguished Career Award for Excellence in Teaching and Educational Scholarship Finalist, International Association of Medical Science Educators 2024
- Provost's Award for Excellence in Teaching Nominee, Ohio University 2024
- Distinguished Career Award for Excellence in Teaching and Educational Scholarship Finalist, International Association of Medical Science Educators 2023
- Provost's Award for Excellence in Teaching Finalist, Ohio University 2023
- Second Year Osteopathic Medical Students Outstanding Coach Award, Ohio University Heritage College of Osteopathic Medicine 2023
- Second Year Osteopathic Medical Students Outstanding Coach Award, Ohio University Heritage College of Osteopathic Medicine 2022
- Second Year Osteopathic Medical Students Outstanding Faculty Award, Ohio University Heritage College of Osteopathic Medicine 2020
- First Year Osteopathic Medical Students Outstanding Faculty Award, Ohio University Heritage College of Osteopathic Medicine 2019

- Provost’s Award for Excellence in Teaching Finalist, Ohio University 2017
- Faculty C.A.R.E. (Celebrating Achievements and Recognizing Excellence) 2015
Awardee, Ohio University Heritage College of Osteopathic Medicine
- New Faculty Research Award: Excellence as a Leader in Promoting Research and Scholarship, Regis University 2013
- Teacher of the Year, American Association of Colleges of Pharmacy 2012
- First Year Scholars Outstanding Faculty Award, University of Northern Colorado 2011
- First Year Scholars Outstanding Faculty Award, University of Northern Colorado 2010

PROFESSIONAL & ACADEMIC LEADERSHIP

Aquifer Sciences Professional Leadership

- Co-Editor-in-Chief, Aquifer Sciences Board, Aquifer 2023 – Present
- Member, Aquifer Academic Council 2023 – Present
- Member, Aquifer Curriculum Committee 2023 – Present
- Aquifer Sciences Leadership Team, Aquifer 2021 – 2023
- Co-Chair, Aquifer Sciences Curriculum Editorial Board, Aquifer 2021 – 2023
- Physiology Lead, Aquifer Sciences Curriculum Development Team, Aquifer 2017 – 2023

Northeast Ohio Medical University College of Medicine

- Director, Academic Medicine Student Fellowship 2024 – Present
- Administrative Lead & Faculty Member, Student Academic Success Team 2024 – Present
- Administrative Lead & Faculty Member, Pre-matriculation Course 2024 – Present
- Co-Course Director, Applied and Integrated Medical Sciences Board Course 2024 – Present
- Director, Weekly Year 1 and 2 Board Review Series 2024 – Present
- Administrative Liaison, Pre-Clerkship Curriculum Committee 2024 – Present

Ohio University Heritage College of Osteopathic Medicine Academic Leadership

- Chair, Curriculum Committee Task Force for the Development of Guidelines to Address Sexual Orientation and Gender Identity in Curricular Materials 2022 – 2023
- Founding Chair, Heritage College Medical Education Research Group 2022 – 2023
- Elected Faculty Officer, Heritage College Executive Committee 2019 – 2023
- Member, Department of Biomedical Sciences Merit Evaluation Committee 2019 – 2023
- Faculty Lead, Medical Mentors Program 2014 – 2023
- Longitudinal Content Liaison, Heritage College Curriculum Committee 2021 – 2022
- Chair, Heritage College Curriculum Committee 2020 – 2021
- Member, Heritage College Curriculum Steering Committee 2016 – 2021
- Course Director of 8 courses
 - OCOM6001 Osteopathic Approach to Patient Care 1 – Wellness (4x; 16-week course) 2018 – 2021
 - OCOM6030 Medical Knowledge—Respiratory (1x; 4-week course) 2017
 - OCOM6010 Medical Knowledge—Musculoskeletal (3x; 4-week course) 2015 – 2017
- Organizer, Heritage College Dublin Research Journal Club 2014 – 2020
- Chair, Heritage College Pathways to Health and Wellness Committee Curriculum Faculty Engagement & Enhancement Committee 2017 – 2018

- Chair, Heritage College Curriculum Transformation Team 2016 – 2017
- Chair, Department of Biomedical Sciences Faculty Search Committee 2016 – 2017
- Chair, Department of Biomedical Sciences P&T Task Force 2015 – 2017
- Organizer, Heritage College Medical Education Research Journal Club 2014 – 2017
- Member, Heritage College Curriculum Transformation Team 2015 – 2016

Regis University Academic Leadership

- Founding Chair & Event Organizer, University Celebration of Research, Scholarship, and Creative Excellence Spring Symposium 2013 – 2014
- Chair, University Research and Scholarship Council 2012 – 2014
- Chair, Rueckert-Hartman College of Health Professions Assessment Committee Task Force for Peer Evaluation of Teaching 2011 – 2014
- Course Director of 7 courses
 - PHRM706 Integrated Pharmacotherapy 6: Cardiovascular (3x; 8-week course) 2012 – 2014
 - PHRM726 Integrated Laboratory 6: Doctoral Seminar (3x; 16-week course) 2012 – 2014
 - PHARM401 Integrated Pharmacotherapy 1: Biopharmaceutical Concepts (1x; 8-week course) 2011

PROFESSIONAL, ACADEMIC, & COMMUNITY SERVICE ROLES

Professional Association Service

- Member, AAMC Central Group on Educational Affairs (CGEA) Faculty Development Special Interest Group 2017 – Present
- Chair, International Association of Medical Science Educators (IAMSE) Virtual Forum Program Committee 2024 – Present
- Member, International Association of Medical Science Educators (IAMSE) Virtual Forum Program Committee 2022 – 2023
- Member, Team-Based Learning Collaborative (TBLC) Program Committee 2013 – 2014

Professional Editorial and Manuscript Review Service

- International Association of Medical Science Educators (IAMSE) Annual Conference Abstract Review 2022 – Present
- Journal Reviewer 2015 – Present
 - *Medical Science Educator*
 - *Advances in Physiology Education*
- Member, Curriculum Editorial Board, Aquifer Sciences, Aquifer 2018 – 2020
- Textbook Reviewer 2010 – 2014
 - Biological Science (Pearson)
 - Pharmaceutical Calculations Textbook Proposal (Jones and Bartlett)
 - Anatomy and Physiology, 9th edition (McGraw-Hill)
 - Biology, 3rd Edition (McGraw-Hill)
 - Aplia for Biology (Cengage)

Northeast Ohio Medical University College of Medicine

- Chair, M2 Program Director Search Committee 2024 – Present
- Co-Chair, College of Medicine Task Force: Improving Student Success 2024 – Present

Ohio University Heritage College of Osteopathic Medicine Academic Service

- Member, College Anti-Racism Culture Committee 2020 – 2023
- Member, College Student Selection Committee 2014 – 2023
- Member, Curriculum Inventory Task Force 2022 – 2023
- Faculty Advisor, College Early Assurance Program 2014 – 2019
- Member, College Curriculum Advisory Committee 2015 – 2019
- Member, Biomedical Sciences Dept Chair and Faculty Search Committees (x4) 2016 – 2017
- Member, College Curriculum Transformation Team 2014 – 2015
- Member, College Staff Search Committees (x2) 2015 – 2015

Regis University Academic Service

- Member, University Research and Scholarship Council 2011 – 2012
- Member, College for Health Professions College Assessment Committee 2011 – 2014
- Member, College for Health Professions Wellness Committee 2012 – 2014
- Member, School of Pharmacy Faculty Affairs Committee 2011 – 2014
- Member, School of Pharmacy Faculty Affairs Committee Faculty and Staff Service Task Force 2012 – 2013
- Member, School of Pharmacy Accreditation Council for Pharmaceutical Education: Organization and Administration Standards Committee 2012 – 2013
- Member, School of Pharmacy Accreditation Council for Pharmaceutical Education: Physical Facilities Standards Committee 2012 – 2013
- Student Faculty Representative, School of Pharmacy Academic Jeopardy Appeal Committee 2012, 2013
- Member, School of Pharmacy Curriculum Committee Calculations Task Force 2011 – 2012
- Member, School of Pharmacy Accreditation Council for Pharmaceutical Education: Student Standards Committee 2011 – 2012
- Member, Department of Pharmaceutical Sciences Faculty Search Committee 2011 – 2013
- Member, Department of Pharmaceutical Sciences Administrative Assistant Search Committee 2012

University of Northern Colorado Academic Service

- Research Judge, Annual University Student Research Symposium 2009 – 2011
- Member, School of Biological Sciences Undergraduate Committee 2009 – 2011

Community Service

- Volunteer, Dublin Public Schools 2014 – 2023
- Volunteer, St. Brigid of Kildare, Dublin, OH, Catholic Education 2016 – 2017
- Co-Organizer/Program Developer, COSI Medical Explorers Workshop 2015 – 2017
- Volunteer, Dublin Public Schools Medical School Outreach Program 2015 – 2016
- Co-Organizer/Program Developer, STEMfest: Medical Marvels 2015 – 2016
- Member, Arrupe Jesuit High School and Regis University Collaborative to enhance matriculation of Arrupe Students into health professions programs 2013 – 2014
- Mapleton School District Science Fair (Poster Judge) 2013
- Poster Judge, Rocky Mountain Regional Neuroscience Group, University of Colorado Denver, Anschutz Medical Campus 2012
- Mentoring, University of Northern Colorado graduate student comprehensive exam and dissertation 2011 – 2012

CURRICULUM AND FACULTY DEVELOPMENT ACTIVITIES

New Curricula Developed

1. ***Northeast Ohio Medical University Medical Student Academic Fellowship.*** In January 2024, I accepted the position of Associate Dean for Medical Education at the Northeast Ohio Medical University (NEOMED) College of Medicine. Since joining, I have proposed, received approval, and successfully recruited an M3 student to participate in a year-long immersive program to be completed between the third and fourth year of medical school in which trainees are prepared for a career in academic medicine. Through this program, fellows will build competency in teaching, clinical service, and research through closely mentored academic activities including instruction of first- and second-year medical students, curriculum development and evaluation, weekly service in a medical clinic, and the development of a scholarly project for publication and/or presentation at a national conference. As junior faculty, trainees enrich their master adaptive learning and communication skillsets as they work alongside NEOMED faculty and staff to support their peer medical students in the preclinical medical curriculum.
2. ***Northeast Ohio Medical University Preclerkship Curriculum.*** As NEOMED's Associate Dean for Medical Education, I have been charged with applying my background in curriculum design and development to support NEOMED faculty as they optimize their preclinical curriculum to foster horizontal and vertical integration, optimized content delivery, and application to clinical practice.
3. ***Aquifer Sciences National Curriculum.*** I contributed to the development and now lead the maintenance of a nationally developed and publicly available curriculum referred to as [Aquifer Sciences](#). This curriculum comprehensively outlines the core basic sciences concepts that must be understood and mastered by health professions learners in order to provide safe, routine patient care. This initiative is a partnership between Aquifer and the International Association of Medical Science Educators (IAMSE).
4. ***Pathways to Health and Wellness Curriculum, Ohio University Heritage College of Osteopathic Medicine.*** As the leader of the original curriculum design team, we conceived a truly innovative Pathways to Health and Wellness Curriculum, that emphasizes integration of foundational science and generalist clinical concepts, application to patient care, assessment for learning, and personalization of the educational experience via small group learning and academic/scholarly areas of concentration. Curricular topics are streamlined and organized into sequential patient presentations of increasing complexity, and classroom, clinical and community experiences emphasize team-based care, creating integration points with patient presentations via critical reflection and longitudinal academic and professional coaching/mentoring.
5. ***Regis University School of Pharmacy Curriculum.*** As one of the founding faculty I developed novel curriculum for Year 3 students and contributed to the revision and refinement of the Years 1 and 2 curriculum. This curriculum was one of two in the United States that adopted team-based learning as the overall curricular strategy, and that further integrated basic science and clinical disciplines in the classroom.

New Courses Developed

1. Northeast Ohio Medical University Applied and Integrated Medical Sciences (AIMS) STEP 1 Preparatory Course (3-week integrated course)

2. Ohio University Heritage College of Osteopathic Medicine, Osteopathic Approach to Patient Care 1—Wellness Course (16-week integrated course)
3. Ohio University Heritage College of Osteopathic Medicine Respiratory Course (4-week integrated course)
4. Ohio University Heritage College of Osteopathic Medicine Musculoskeletal Course (4-week integrated course)
5. Ohio University Heritage College of Osteopathic Medicine Board Review of Physiology Course (4-hour course)
6. Regis University School of Pharmacy Doctoral Seminar Course (16-week course)
7. Regis University School of Pharmacy Integrated Pharmacotherapy 1 Course (8-week course)

New Team-Based Learning Module Development (~65 modules)

1. Ohio University Heritage College of Osteopathic Medicine Osteopathic Approach to Patient Care 1, 2, 3 & 4 Courses: Development and teaching of ~35 x 2-hour integrated team-based learning laboratory (iLab) activities
2. Regis University Team-Based Learning Module Development: Development and teaching of ~30 team-based learning integrated pharmacotherapy modules that span 4-10 hours over 2-5 days

Faculty Development Workshops Developed and Facilitated, Ohio University Heritage College of Osteopathic Medicine

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| 1. <i>Integrated Illness Scripts: A Pedagogical Tool for Creating Integrated Learning Sessions that Directly Link Basic Science Concepts to Patient Care</i> | 2022 |
| 2. <i>How We Teach: Creating and Delivering OMM and Basic Science Blended Activities</i> | 2021 |
| 3. <i>Foundations of the Pathways to Health and Wellness Curriculum Part 1: How do YOU Learn</i> | 2017 |
| 4. <i>Foundations of the Pathways to Health and Wellness Curriculum Part 2: Active Learning</i> | 2017 |
| 5. <i>Think Osteopathically! What, When, Where, Why, and Most Importantly...How?</i> | 2017 |
| 6. <i>Reflection in Medicine</i> | 2017 |
| 7. <i>Team-Based Learning</i> | 2015 |
| 8. <i>Significant Learning</i> | 2014 |

Faculty Development Self-Study Online Learning Modules Developed, Ohio University Heritage College of Osteopathic Medicine

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| 1. <i>Coaching vs Mentoring</i> | 2017 |
| 2. <i>Health and Wellness for Me and My Students</i> | 2017 |
| 3. <i>Team-Based Learning</i> | 2017 |

Additional Faculty Mentoring Activity

- [Harvard Macy Institute #MedEd Pearls Blog](#) Team Member. #MedEdPearls are developed monthly by the American Association of Medical Colleges Central Group on Educational Affairs. The MedEdPearls blog writer/editor team, including myself, consists of 12 faculty development experts at various medical education institutions.

TEACHING ACTIVITIES

Northeast Ohio Medical University College of Medicine

2024

- Applied and Integrated Medical Sciences (AIMS) – STEP 1 Preparatory Course, Musculoskeletal Module, Renal Module
- Prematriculation Course – Physiology Module
- M4 Medical Education Elective – 4 credit hours, new students monthly

Ohio University Heritage College of Osteopathic Medicine Teaching

2020 – 2023

- OCOM6001 Osteopathic Approach to Patient Care 1 – Wellness: Physiology & Histology Teaching
- OCOM6003 Osteopathic Approach to Patient Care 3 – Chronic Illness: Small Group Facilitator
- OCOM6002 Osteopathic Approach to Patient Care 2 – Acute Illness: Physiology Teaching
- OCOM6004 Osteopathic Approach to Patient Care 4 – Return to Wellness: Physiology Teaching
- OCOM6004 Osteopathic Approach to Patient Care 4 – Return to Wellness: Small Group Facilitator

2019

- OCOM6001 Osteopathic Approach to Patient Care 1 – Wellness: Physiology & Histology Teaching
- OCOM6001 Osteopathic Approach to Patient Care 1 – Wellness: Small Group Facilitator
- OCOM6002 Osteopathic Approach to Patient Care 2 – Acute Illness: Physiology Teaching
- OCOM6002 Osteopathic Approach to Patient Care 2 – Acute Illness: Small Group Facilitator
- OCOM7035 Medical Knowledge—Geriatrics: Physiology of Aging Lectures

2018

- OCOM6001 Osteopathic Approach to Patient Care 1 – Wellness: Physiology & Histology Teaching
- OCOM6001 Osteopathic Approach to Patient Care 1 – Wellness: Small Group Facilitator
- OCOM6030 Medical Knowledge—Respiratory: Respiratory Physiology Lectures
- OCOM6030 Medical Knowledge—Respiratory: Histology Labs
- OCOM6035 Medical Knowledge—Gastrointestinal: Histology Labs
- OCOM6040 Medical Knowledge—Urogenital Tract: Histology Labs
- OCOM7035 Medical Knowledge—Geriatrics: Physiology of Aging Lectures
- Board Review of Physiology

2017

- OCOM6010 Medical Knowledge—Musculoskeletal: Histology Labs
- OCOM6010 Medical Knowledge—Musculoskeletal: Muscle Physiology Lectures
- OCOM6015 Medical Knowledge—Blood: Gas Transport Lecture
- OCOM6080 Clinical Skills—Introduction to Case-Based Learning Lectures
- OCOM6030 Medical Knowledge—Respiratory: Respiratory Physiology Lectures
- OCOM6030 Medical Knowledge—Respiratory: Histology Labs
- OCOM6035 Medical Knowledge—Gastrointestinal: Histology Labs
- OCOM6040 Medical Knowledge—Urogenital Tract: Histology Labs
- OCOM7035 Medical Knowledge—Geriatrics: Physiology of Aging Lecture
- Board Review of Physiology

2016

- OCOM6010 Medical Knowledge—Musculoskeletal: Histology Labs
- OCOM6010 Medical Knowledge—Musculoskeletal: Muscle Physiology Lectures
- OCOM6015 Medical Knowledge—Blood: Gas Transport Lecture
- OCOM6080 Clinical Skills—Introduction to Case-Based Learning Lectures
- OCOM6030 Medical Knowledge—Respiratory: Respiratory Physiology Lectures
- OCOM6030 Medical Knowledge—Respiratory: Histology Labs
- OCOM6035 Medical Knowledge—Gastrointestinal: Histology Labs
- OCOM6040 Medical Knowledge—Urogenital Tract: Histology Labs
- OCOM7035 Medical Knowledge—Geriatrics: Physiology of Aging Lecture
- Board Review of Physiology

2015

- OCOM6010 Medical Knowledge—Musculoskeletal: Histology Labs
- OCOM6010 Medical Knowledge—Musculoskeletal: Muscle Physiology Lectures
- OCOM6015 Medical Knowledge—Blood: Gas Transport Lecture
- OCOM6080 Clinical Skills—Introduction to Case-Based Learning Lectures
- OCOM6002 Introduction to Primary Care Medicine —Introduction to Physiology Lecture
- OCOM6030 Medical Knowledge—Respiratory: Respiratory Physiology Lectures
- OCOM6030 Medical Knowledge—Respiratory: Histology Labs
- OCOM6035 Medical Knowledge—Gastrointestinal: Histology Labs
- OCOM6040 Medical Knowledge—Urogenital Tract: Histology Labs
- OCOM7035 Medical Knowledge—Geriatrics: Physiology of Aging Lecture
- Board Review of Physiology

2014

- OCOM6010 Medical Knowledge—Musculoskeletal: Histology Labs
- OCOM6010 Medical Knowledge—Musculoskeletal: Neurophysiology & Anatomy of Pain Lecture
- OCOM6015 Medical Knowledge—Blood: Gas Transport Lecture

Regis University School of Pharmacy Teaching

2014

- PHRM726 Integrated Laboratory 6: Doctoral Seminar: *Instructor*
- PHRM403 Integrated Pharmacotherapy 3 Units: *Introduction to Immunology, Allergic Rhinitis, Diabetes Mellitus Part 1*
- PHRM404 Integrated Pharmacotherapy 4 Units: *Infectious Disease Principles, Lower Respiratory Tract Infections*
- PHRM707 Integrated Pharmacotherapy 7 Units: *Gout, Osteoarthritis, Rheumatoid Arthritis, Soft Skin Tissue Infections/Bone and Joint Infections*
- PHRM708 Integrated Pharmacotherapy 8 Units: *Sexually Transmitted Diseases, Urinary Tract Infections and Prostatitis*
- PHRM712 Integrated Pharmacotherapy 12 Units: *Diabetes Mellitus Part 2*

2013

- PHRM725 Integrated Laboratory 5: *Introduction to IL6 Doctoral Seminar*
- PHRM401 Integrated Pharmacotherapy 1 Units: *Biochemical Concepts*

- PHRM402 Integrated Pharmacotherapy 2 Units: *Acute Kidney Injury, Disorders of Sodium and Water Homeostasis, Hypertension*
- PHRM705 Integrated Pharmacotherapy 5 Units: *Chronic Kidney Disease and Dialysis, Upper Respiratory Infections*
- PHRM706 Integrated Pharmacotherapy 6 Units: *Peripheral Arterial Disease, Ischemic Heart Disease, Acute Coronary Syndromes, Heart Failure, Disorders of Potassium, Magnesium, Calcium, and Phosphorus, Venous Thromboembolism, Arrhythmias*
- PHRM709 Integrated Pharmacotherapy 9 Units: *Urinary Incontinence, Solid Organ Transplant*
- PHRM710 Integrated Pharmacotherapy 10 Units: *Human Immunodeficiency Virus*
- PHRM726 Integrated Laboratory 6 Doctoral Seminar: *Instructor*
- PHRM403 Integrated Pharmacotherapy 3 Units: *Introduction to Immunology, Allergic Rhinitis, Diabetes Mellitus Part 1*
- PHRM404 Integrated Pharmacotherapy 4 Units: *Infectious Disease Principles, Lower Respiratory Tract Infections*
- PHRM707 Integrated Pharmacotherapy 7 Units: *Gout, Osteoarthritis, Rheumatoid Arthritis, Soft Skin Tissue Infections/Bone and Joint Infections*
- PHRM708 Integrated Pharmacotherapy 8 Units: *Sexually Transmitted Diseases, Urinary Tract Infections and Prostatitis*
- PHRM712 Integrated Pharmacotherapy 12 Units: *Cystic Fibrosis, Diabetes Mellitus Part 2*

2012

- PHRM725 Integrated Laboratory 5: *Introduction to IL6 Doctoral Seminar*
- PHRM402 Integrated Pharmacotherapy 2 Units: *Acute Kidney Injury, Disorders of Sodium and Water Homeostasis*
- PHRM705 Integrated Pharmacotherapy 5 Units: *Chronic Kidney Disease and Dialysis*
- PHRM706 Integrated Pharmacotherapy 6 Units: *Peripheral Arterial Disease, Ischemic Heart Disease, Disorders of Potassium, Magnesium, Calcium, and Phosphorus, Venous Thromboembolism, Infective Endocarditis, Arrhythmias*
- PHRM709 Integrated Pharmacotherapy 9 Units: *Urinary Incontinence, Solid Organ Transplant*
- PHRM710 Integrated Pharmacotherapy 10 Units: *Human Immunodeficiency Virus*
- PHRM755 Intermediate Pharmacy Practice Experience (IPPE) V: *Simulation 2 Development*
- PHRM726 Integrated Laboratory 6: Doctoral Seminar: *Instructor*
- PHRM403 Integrated Pharmacotherapy 3 Units: *Introduction to Immunology, Allergic Rhinitis, Diabetes Mellitus Part 1*
- PHRM404 Integrated Pharmacotherapy 4 Units: *Infectious Disease Principles, Upper Respiratory Infections, Lower Respiratory Tract Infections*
- PHRM707 Integrated Pharmacotherapy 7 Units: *Gout, Osteoarthritis, Rheumatoid Arthritis, Soft Skin Tissue Infections/Bone and Joint Infections*
- PHRM708 Integrated Pharmacotherapy 8 Units: *Sexually Transmitted Diseases, Urinary Tract Infections and Prostatitis*
- PHRM712 Integrated Pharmacotherapy 12 Units: *Cystic Fibrosis, Diabetes Mellitus Part 2*

2011

- PHRM725 Integrated Laboratory 5: *Introduction to IL6 Doctoral Seminar*
- PHRM402 Integrated Pharmacotherapy 2 Units: *Adrenal and Pituitary Disorders*
- PHRM705 Integrated Pharmacotherapy 5 Units: *Anemias*

- PHRM706 Integrated Pharmacotherapy 6 Units: *Peripheral Arterial Disease, Ischemic Heart Disease, Disorders of Potassium, Magnesium, Calcium, and Phosphorus, Venous Thromboembolism, Infective Endocarditis, Arrhythmias*
- PHRM709 Integrated Pharmacotherapy 9 Units: *Thyroid Disorders*
- PHRM710 Integrated Pharmacotherapy 10 Units: *Central Nervous System Infections, Coagulation Disorders*

University of Northern Colorado Undergraduate Biology Teaching

2011

- BIO110.013 Principles of Biology Lecture (3 Credits)
- BIO110.Lab Principles of Biology Lab (1 Credit)
- BIO245.009 Introduction to Human Anatomy and Physiology (4 Credits)
- BIO245.014 Introduction to Human Anatomy and Physiology (4 Credits)
- BIO245 Lab Coordinator

2010

- BIO110.013 Principles of Biology Lecture (3 Credits)
- BIO245.009 Introduction to Human Anatomy and Physiology (3 Credits)
- BIO245 Lab Coordinator
- BIO112.115 Principles of Biology Applications (1 Credit)
- BIO112.311 Principles of Biology Applications (1 Credit)
- SCI291.014 Scientific Writing (3 Credits)
- BIO110.013 Principles of Biology Lecture (3 Credits)
- BIO246.011 Advanced Human Anatomy and Physiology (3 Credits)
- BIO246 Lab Coordinator
- BIO246 Lab Prep
- SCI291.014 Scientific Writing (3 Credits)
- SCI291.029 Scientific Writing (3 Credits)

2009

- BIO110.013 Principles of Biology Lecture (3 Credits)
- BIO110.014 Principles of Biology Lecture (3 Credits)
- BIO112.309 Principles of Biology Applications (1 Credit)
- BIO112.311 Principles of Biology Applications (1 Credit)
- BIO112.335 Principles of Biology Applications (1 Credit)
- SCI291.010 Scientific Writing (3 Credits)

University of Colorado Denver Physical Therapy Teaching

2009 – 2010

- DPTR 5003 Histology (3 Credits)

Undergraduate Biology Education, University of Wisconsin Madison

2002

- PHY335 Physiology (Teaching assistant, 3 discussion sections, 2 laboratory sections)

STUDENT COACHING, ADVISING, & MENTORING ACTIVITIES

Ohio University Heritage College of Osteopathic Medicine Mentoring

- Director, Academic Medicine Student Fellowship 2024 – Present

<u>Name</u>	<u>Date</u>	<u>Degree</u>	<u>Current Status</u>
Jieji Hu	2024 – Present	MD	M4

- Research Advisor; 1 Osteopathic medical students 2014 – Present

<u>Name</u>	<u>Date</u>	<u>Degree</u>	<u>Current Status</u>
Amye Franz	2023 – Present	DO	OMSII

Project Topic: Effectiveness of the Pre-Matriculation Program for Student Success in the Pathways to Health and Wellness Curriculum

- Research Advisor; 9 Osteopathic medical students 2014 – 2023

Jude Fahoum	2022-2023	DO	OMSIV
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Project Topic: Development of an Integrated Illness/Clinical Management Script for Cranial Osteopathic Manipulative Treatment

Ryan Vagedes	2020-2023	DO	Resident
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Emily Shaeffer	2020-2022	DO	Resident
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Lauren Leesman	2022-2023	DO	OMSIV
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Madeleine Sorrick	2022-2023	DO	OMSIV
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CeCelia Hanline	2022-2023	DO	OMSIV
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Project Topic: Development of an Effective Team-Based Learning Acute Kidney Injury Model for Year 2 Osteopathic Medical Students

Nate Kralik	2018-2019	DO	Resident
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Project Topic: Novel Osteopathic LGBTQI Competency Objectives

Allyson Halderman	2018-2019	DO	Resident
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Project Topic: Effectiveness of a Youth Health Outreach Educational Program

Francis Adkins	2014-2015	DO	Fellow
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Project Topic: Preparing Students for Careers in Medical Education

- Academic Coach; 8-16 osteopathic medical students per semester 2018 – 2023

- Clinical Reflection Facilitator; 8 Rural and Urban Scholar Program (RUSP) osteopathic medical students per year 2015 – 2023

- Graduate Advisor; 9 osteopathic medical students 2014 – 2018

Regis University School of Pharmacy Advising

- Graduate Advisor to 12 doctor of pharmacy students 2011 – 2014

University of Northern Colorado Undergraduate Biology Advising

- Undergraduate Advisor to ~ 40 students/year 2009 – 2011

PROFESSIONAL ASSOCIATION/SOCIETY MEMBERSHIPS

- Aquifer Consortium 2021 – Present
- International Association of Medical Science Educators 2015 – Present
- American Association of Colleges of Osteopathic Medicine 2014 – 2023
- Team-Based Learning Collaborative 2013 – 2014
- American Association of Colleges of Pharmacy 2011 – 2014
- Biophysical Society 2000 – 2005

SCHOLARLY ACTIVITY

RESEARCH INTERESTS

The overall goal of my research is to assess the effectiveness of learner-centered approaches to teaching and learning, including curriculum design, assessment for learning, and flipped classroom educational strategies such as team-based learning and peer instruction. I am particularly interested in the effectiveness of interdisciplinary integration in the classroom to foster both critical thinking and a scientific approach to problem solving.

PEER REVIEWED PUBLICATIONS

Refereed Educational Products

1. **Sheridan L** (Author). August 2023. *Harvard Macy Institute Community Blog #MedEdPearls: Ensuring Learner Engagement in Your Active Learning Classrooms This Fall – A Recipe for Success*. <https://harvardmacy.org/blog/august-2023-med-ed-pearls>
2. Furgerson, J, Harris, DM (Lead Editors); Aronson J, Baillie C, Bernstein JA, Croniger C, Lufler R, Manning E (student), Miller K, Ngo KD, Nixon LJ, Rowland-Seymour A, **Sheridan L**, Yoest JM (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Atrial Fibrillation*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. (in publication)
3. Gallman E, Xiong W (Lead Editors); Ackert K (student), Appelt D, Becker M, Bernstein JA, Dell M, Dickinson B, English R, Fulton TB, Goldstein J, Guinness M, Harris DM, Kane B (student), Kerry J, Milan F, Ngo KD, Nixon LJ, **Sheridan L**, Yoest JM (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Alzheimer Disease*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023
4. Furgerson, J, Harris, DM (Lead Editors); Bernstein JA, Conti N, Croniger C, Lufler R, Mourad R, Ngo KD, Nixon LJ, **Sheridan L**, Singletary A (student), Taylor J, Yoest JM (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Chronic Obstructive Pulmonary Disease (COPD)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023
5. Fall LH, Fulton TB (Lead Editors); Bahner I, Cariello P, Dell M, English R, Grimes K, Harris DM, Holmstrom S, Lindsley J, Milan F, Ngo KD, Nixon LJ, Poznanski A, Russo D, **Sheridan L**, Sturtevant J, Yoest JM, Zinkhan G (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Hepatitis A Viral Infection*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023
6. Gallman E, Xiong W (Lead Editors); Cariello P, Crofton A, Drowos J, Goldstein J, Harris DM, Hayes N, Kerry J, Lindsley J, Lyons V, Metzstein M, Moore K, Ngo KD, Nixon LJ, Poznanski A, Russo D, **Sheridan L**, Sturtevant J, Yoest JM (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Herpes Zoster (Shingles)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023

7. Gallman E, Xiong W (Lead Editors); Aronson J, Bahner I, Bernstein JA, Bidet P, Ciccocioppo E (student), Cline S, Daly T (student), Drowos J, English R, Goldstein J, Harris DM, Hayes H, Kerry J, Langenau E, Moll C (student), Ngo KD, Nixon LJ, **Sheridan L**, Yoest JM (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Parkinson Disease*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023
8. Furgerson, J, Harris, DM (Lead Editors); Szarek, J, Lyons V, Yoest JM (Primary Contributing Authors); Bernstein JA, Bidet P, Ciccocioppo E (student), Daly T (student), Dell M, Dickinson B, English R, Fulton TB, Grimes K, Kane B (student), Langenau E, McGuinness M, Ngo KD, Nixon LJ, Poznanski A, **Sheridan L** (Additional Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Pancreatitis (Acute)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023
9. Fall LH, Fulton TB (Lead Editors); Aronson J, Basha M, Bernstein JA, Dalmeida D, Dell M, English R, Gallman E, Harris DM, Höner zu Bentrup K, Kahler G (student), Lyons V, Mangosh TL, Milan F, Ngo KD, Nixon LJ, Rogstad D, Russo D, **Sheridan L**, Xiong W, Yoest JM (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Urinary Tract Infection: Acute Cystitis*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023
10. Fall LH, Fulton TB (Lead Editors); Basha M, Bernstein JA, Dalmeida D, Dickinson B, Drowos J, English R, Gallman E, Harris DM, Höner zu Bentrup K, Kahler G, Lyons V, Manning, E (student), Ngo KD, Nixon LJ, Poznanski A, Rogstad D, Russo D, **Sheridan L**, Xiong W, Yoest JM (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Urinary Tract Infection: Pyelonephritis*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2023
11. **Sheridan L** (Author). October 2022. *Harvard Macy Institute Community Blog #MedEdPearls: Delivering an Integrated Curriculum Using the Communities of Practice Model*. <https://harvardmacy.org/blog/october-2022-med-ed-pearls>
12. Hopper, M, **Sheridan, L** (Authors). June 2022. *American Physiological Society (APS) Physiology Educators Community of Practice (PECOP) Blog: The Great Student Disengagement*. <https://blog.lifescitrc.org/pecop/2022/06/17/the-great-student-disengagement/>
13. Furgerson, J, Harris, D (Lead Editors); Bernstein JA, Cicilioni K (student), Cline S, Dalmeida D, Lindsley J, Lyons V, Mayer M (student), Milan F, Mourad R, Ngo K, **Sheridan L**, Sturtevant J, Yoest, J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Atherosclerotic Coronary Artery Disease (ACAD)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
14. Fall LH, Fulton TB (Lead Editors); Aronson J, Bauler T, Cole S, Dickinson B, Gallman E, Gibson K, Grimes K, English R, Harris D, Ngo K, Lackey-Cornelison W, Lyons V, Miller L, Olken M, Petro W (student), Poznanski A, Riddle D, Shattuck B, Sheakley M, **Sheridan L**, Sturtevant J, Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Cholecystitis (Acute)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
15. Fall LH, Fulton TB (Lead Editors); Aronson J, Basha M, Bernstein JA, Burghart V (student), Cline S, Drowos J, English R, Ferguson H (student), Grimes K, Harris D, Hayes N, Heinrich C (student), Kahler G (student), Lindsley J, Lyons V, Nerness R (student), Ngo K, Rogstad D, **Sheridan L**, Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Choledocholithiasis*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
16. Nixon J, **Sheridan L** (Lead Editors); Aronson, J, Bernstein JA, Cline S, Drowos J, Gallman E, Lindsley J, Lufler R, Lyons V, Metzstein M, Milan F, Moore K, Ngo K, Yoest J, Zinkhan G (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Deep Vein Thrombosis -*

- Lower Extremity (DVT)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
17. Fall LH, Fulton TB (Lead Editors); Allen M (student), Beck A, Bernstein JA, Carroll R, Cassese T, Cline S, Crofton A, Dalmeida D, Dell M, English K (student), English R, Edmondson A, Gorski V, Reichgott M, **Sheridan L**, Steinman H, Weinstein A, Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Infantile Hypertrophic Pyloric Stenosis*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
 18. Nixon J, **Sheridan L** (Lead Editors); Bernstein JA, Cole S, Dickinson B, Drowos J, Gallman E, Gibson K, Höner zu Bentrup K, Kerry J, Lackey-Cornelison W, Miller L, Ngo K, Olken M, Petro W (student), Riddle D, Russo D, Shattuck B, Sheakley M, Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Influenza*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
 19. Gallman E, Xiong W (Lead Editors); Appelt D, Bidey P, Carroll R, Daly T, English R, Hayes N, Hayward K, Höner zu Bentrup K, Kane B (student), Kerry J, Moll C, Ngo K, Russo D, **Sheridan L**, Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Meningitis (Bacterial)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
 20. Nixon J, **Sheridan L** (Lead Editors); Bernstein JA, Harris D, Lufler R, Milan F, Mueller C, Ngo K, Sturtevant J, Taylor J, Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Myocardial Ischemia*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
 21. Nixon J, **Sheridan L** (Lead Editors); Bernstein JA, Bauler T, Colletier K (student), Crofton A, Dickinson B, Gibson K, Hayward K, Lackey-Cornelison W, Larson K, Lyons V, Milan F, Newby D (student), Ngo K, Olken M, Petro W (student), Poznanski A, Shattuck B, Sheakley M, Wallington D (student), Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Osteoarthritis*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
 22. Nixon J, **Sheridan L** (Lead Editors); Allen M, Bahner I, Beck A, Bradford C, Cassese T, Cho Y, Dickinson B, Drowos J, English K (student), Gallman E, Gorski V, Hayward K, Larson K, Lyons V, Miodownik H (student), Ngo K, Poznanski A, Reichgott M, Steinman H, Yasin M, Yoest J (Contributing Authors in alphabetical order). *Aquifer Sciences Integrated Illness Scripts: Rheumatoid Arthritis*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org. Date of First Publication: July 1, 2022
 23. **Sheridan, L.** (Guest). 2021 September 27. Integrated Illness Scripts - Linking Basic Science Concepts to Patient Care (No. 11) [Audio podcast episode]. In Aquifer Educator Connection Podcast. Aquifer. <https://aquifer.org/captivate-podcast/episode-11-integrated-illness-scripts-linking-basic-science-concepts-to-patient-care/>
 24. Nixon J, **Sheridan L** (Lead Editors); Aronson, J, Grimes K, Lindsley J, Lufler R, Lyons V, Nguyen S (student), Zinkhan G (Contributing Authors in alphabetical order). 2021. *Aquifer Sciences Integrated Illness Scripts: Appendicitis*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org.
 25. **Sheridan L** (Author). September 2021. *Harvard Macy Institute Community Blog #MedEdPearls: A Recipe for Designing Motivating Learning Experiences to Enhance Learner Performance: Lessons Learned from the 2021 International Association of Medical Science Educators (IAMSE) Annual Conference*. <https://harvardmacy.org/index.php/hmi/september-2021-mededpearls>
 26. **Sheridan L** (Author). April 2021. *Harvard Macy Institute Community Blog #MedEdPearls: Teaching in the aftermath of COVID-19: Applying principles of trauma-informed care to our return to classroom teaching*. <https://harvardmacy.org/blog/april-2021-mededpearls>
 27. Fall L, Fulton T (Lead Editors); Allen M, Aronson J, Beck A, Bernstein J, Cassese T, Cho Y, Drowos J, English K (student), Harris D, Gorski V, Hochfelder C, Iyer S, Reichgott M, **Sheridan L**, Steinman H

- (Contributing Authors in alphabetical order). 2021. *Aquifer Sciences Integrated Illness Scripts: Diabetes Mellitus - Type 1 (T1DM)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org.
28. Harris D, Ngo K (Lead Editors); Bernstein J, Cho Y, Croniger C, Gallman E, Lyons V, Singh M, **Sheridan L**, Reed E (student), Yoest J (Contributing Authors in alphabetical order). 2021. *Aquifer Sciences Integrated Illness Scripts: Gastrointestinal Reflux Disease (GERD)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org.
 29. Nixon J, **Sheridan L** (Lead Editors); Aronson J, Carroll R, Croniger C, Hughes R, Lufler R, Milan F, Tong A (student) (Contributing Authors in alphabetical order). 2021. *Aquifer Sciences Integrated Illness Scripts: Myocardial Infarction (with ST-Segment Elevation) (MI)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org.
 30. Nixon J, **Sheridan L** (Lead Editors); Aronson, J, Bauler T, Carroll R, Cole S, Colletier K (student), Dickinson B, Gallman E, Gibson K, Kerry J, Lackey-Cornelison K, Miller L, Mourad R, Olken M, Petro W (student), Riddle D, Shattuck B, Sheakley M, Yoest J (Contributing Authors in alphabetical order). 2021. *Aquifer Sciences Integrated Illness Scripts: Pneumonia*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org.
 31. Nixon J, **Sheridan L** (Lead Editors); Aronson J, Cariello P, Carroll R, Gilliland K, Holmstrom S, Kithas A (student), Moore K (Contributing Authors in alphabetical order). 2021. *Aquifer Sciences Integrated Illness Scripts: Pulmonary Embolism (PE)*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org.
 32. Harris D, Ngo K (Lead Editors); Basha M, Bernstein J, Cline S, Daroowalla F, Gallman E, Hayes N, Miller K, **Sheridan L**, Tong A (student), Yoest J (Contributing Authors in alphabetical order). 2021. *Aquifer Sciences Integrated Illness Scripts: Shock - Cardiogenic*. Fall LH and Wilson-Delfosse AL, eds. www.aquifer.org.
 33. **Sheridan L** (Author). April 2020. *Harvard Macy Institute Community Blog #MedEdPearls: Mastering Adaptive Teaching in the Midst of COVID-19*. <https://harvardmacy.org/blog/april-2020-mededpearls>
 34. **Sheridan L** (Author). May 2018. *Harvard Macy Institute Community Blog #MedEdPearls: Flipping with TBL*. <https://harvardmacy.org/blog/mededpearls-may-2018-flipping-with-tbl>

Refereed Journal Articles

1. Mueller, C., Foster, J., Vinyard, C., Barresi, A., **Sheridan, L**. Station-Based Synthesis and Integration Activities in Gross Anatomy Laboratory: Student Self-Efficacy and Exam Performance. (*manuscript in development*)
2. Hall, E.R., Han, H., Hurtubise, L., **Sheridan, L**. 2015. The Flipped Classroom in Medical Education: Building Competency and Engaging Students. *J Med Ed Curr Dev*. 2, 35-43.
3. Clapp, P., Calderon, B., **Sheridan, L.**, and Sucher, B. 2014. Orientating Nonpharmacist Faculty Members to Pharmacy Practice. *American Journal of Pharmaceutical Education*. 78(5), article 106.
4. Wenzlau, J.M., **Sheridan, L.**, Hutton, J.C. 2011. Discovering Novel Antigens. In G.S. Eisenbarth (Ed.), *Immunoendocrinology: Scientific and Clinical Aspects*. (pp. 15-40). New York, NY: Humana Press.
5. **Carbonneau, L.**, Bhattacharya, D., Cheng, W., Sheridan, D.C., Coronado, R. 2005. Multiple loops of the dihydropyridine receptor pore subunit are required for full-scale excitation-contraction coupling in skeletal muscle. *Biophysical Journal* 89, 243-255.
6. Coronado, R., Ahern, C.A., Sheridan, D.C., Cheng, W., **Carbonneau, L.**, Bhattacharya, D. 2004. Functional equivalence of dihydropyridine receptor alpha1S and beta1a subunits in triggering excitation-contraction coupling in skeletal muscle. *Biological Research* 37(4), 565-575.
7. Sheridan, D.C., Cheng, W., **Carbonneau, L.**, Ahern, C.A., Coronado, R. 2004. Involvement of a heptad repeat in the carboxyl-terminus of the dihydropyridine receptor beta1a subunit in the mechanisms of excitation-contraction coupling in skeletal muscle. *Biophysical Journal* 87, 1-14.

- Sheridan, D.C., **Carbonneau, L.**, Ahern, C.A., Nataraj, P., Coronado, R. 2003. Ca²⁺ dependent excitation-contraction coupling triggered by the heterologous cardiac/brain DHPR beta2a subunit in skeletal muscle. *Biophysical Journal* 85, 3739-3757.

PEER REVIEWED PRESENTATIONS

Refereed Paper, Platform, Workshop Presentations

- Sheridan, L.**, Miller, K., Kerry, J., Ngo, K., Nixon, J., Gundler, C., Dale, E., Cho, Y. 2024. Integrating Basic Science and Clinical Medicine: From Curriculum to Classroom to Learner Assessment. *International Association of Medical Science Educators Annual Meeting Preconference Workshop*. Minneapolis, MN. (workshop)
- Sheridan, L.**, Roche, R., Vinyard, C., Chiplock, A., Ojano-Sheehan, O., Casapulla, S.L., Foster, J., Mueller, C., 2023. Exploring Cohesion and Mission in the Formation of a Medical Education Research Group (MERG). *North American Primary Care Research Group Annual Meeting*, San Francisco. (platform)
- Sheridan, L.**, Harris, D., Kerry, J., Ngo, K., Nixon, J. 2023. Integration of Basic Science and Clinical Medicine: From the Curriculum to the Classroom. *International Association of Medical Science Educators Annual Meeting Preconference Workshop*. Cancun, Mexico. (workshop)
- Sheridan, L.**, Harris, D., Ngo, K., English, R., Nixon, J., Wilson-Delfosse, A.L., Fulton, T.B., Fall, L. 2022. Integration in the Classroom: Strategies to create and implement integrated learning sessions to promote cognitive integration. *International Association of Medical Science Educators Annual Meeting*. Denver, CO. (workshop)
- Sheridan, L.**, Kerger, S., Fall, L. 2022. Using Illness Scripts to Integrate Basic Science and Osteopathic Principles and Practice. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Nashville, TN. (platform)
- English, R., Fall, L., Fulton, T.B., Ngo, K., **Sheridan, L.**, Harris, D., Nixon, J., Wilson-Delfosse, A.L. 2021. Integration in Action: Strategies to promote cognitive integration through curriculum and learning design. *International Association of Medical Science Educators Annual Meeting Preconference Workshop*. (workshop)
- Sheridan, L.**, Gutheil, PS., Gerome, JM., Beverly, EA. 2020. Pathways to Health and Wellness: Emphasizing Student Wellness as a Curricular Goal. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Washington, D.C. (platform)
- Sheridan, L.**, Gutheil, PS., Gerome, JM. 2020. Ensuring Integration through Curriculum, Course, and Activity Design. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Washington, D.C. (platform)
- Sheridan, L.**, Fall, L. 2019. Using Illness Scripts to Meaningfully Integrate Basic Sciences into Clinical Reasoning. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Washington, D.C. (platform)
- Sheridan, L.**, Coschigano, P., Barresi, A., Gerome, J., Chen., A., Chelimo, S., Stevens, N. 2019. An Innovative Approach to Medical Education that Blends Best Practices in Active Learning. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Washington, D.C. (platform)
- Harris, D.M., Paganini, A., Wilcox, B., **Sheridan, L.**, Schwartz, J., Radcliffe, T., Fall, L., and Wilson-Delfosse, A. 2018. Development of A Physiology Core Concept Framework to Facilitate Integration with Clinical Decision-Making. *International Association of Medical Science Educators Annual Meeting*. Las Vegas, NV. (platform)
- Truax, R., **Sheridan, L.** 2018. Novel Osteopathic Model as Tool for Teaching Homeostatic Balance and Functional Health. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Washington, D.C. (platform)

13. **Sheridan, L.**, Reynolds, S., Barresi, A. Gerome-Zuchowski, J., Stork, C., Cech, R. 2017. Integrated Team-Based Learning for the Health Professions. *OU Spotlight on Learning Conference*. Athens, OH. (workshop)
14. Skinner, D., **Sheridan, L.** 2015. The Politics of Health Knowledge. *APSA Annual Meeting*. San Francisco, CA. (paper)
15. Adkins, F., Balbo, J., Eakin, E., Halko, M., Nolan, B., **Sheridan, L.** 2015. Encouraging Curiosity to Prepare Students for Careers in Medical Education. *Joint CGEA/CGSA/COSR Meeting*. Columbus, OH. (workshop)
16. Burt, L., **Sheridan, L.**, Hanselin, M., Beralu, D., Lalama, J., Sucher, B. 2013. Flipping the classroom using team-based learning application exercises. *Metropolitan State University of Denver Teacher-Scholar Forum*. Denver, CO. (workshop)
17. Berlau, D., Burt, L., Hanselin, M., Lalama, J., **Sheridan, L.**, Sucher, B. 2013. Practical strategies: enhancing TBL in your classroom. *Team-Based Learning Collaborative*. San Diego, CA. (workshop)
18. Burt, L, Berlau, D, Buffet, L, Hanselin, M, Lalama, J, **Sheridan, L**, Sucher, B. 2012. Overcoming challenges in TBL: the Regis approach. *Team-Based Learning Collaborative*. St. Petersburg, FL. (workshop)
19. **Sheridan, L.**, Sarkar, S.A., Wenzlau, J.M., Moua, O., Davidson, H.W., Hutton, J.C. 2008. Cell biological studies on the pancreatic β -cell Zn²⁺ Transporter ZnT8, a major autoantigen in Type 1 diabetes. *American Diabetes Association*, San Francisco, CA. (platform)

Refereed Poster Presentations

1. Mueller, C., Foster, J., Vinyard, C., Barresi, A., **Sheridan, L.** 2023. Station-Based Synthesis and Integration Activities in Gross Anatomy Laboratory: Student Self-Efficacy and Exam Performance. *International Association of Medical Science Educators Annual Meeting*. Cancun, Mexico
2. Vinyard, C., Allison, L., Keener, C., Trout, M., Flanigan, M., **Sheridan, L.**, Shaub, T., Rogers, S., Gerome, J., Hopper, M. 2023. Development of Keywords Describing an Integrated, Case-Based Curriculum at an Osteopathic Medical School. *International Association of Medical Science Educators Annual Meeting*. Cancun, Mexico
3. Vagedes, R (Student), Schaeffer, E (Student), **Sheridan, L.** 2022. Acute Kidney Injury: A Team-Based Learning Module for Virtual or In-Person Teaching. *International Association of Medical Science Educators Virtual Forum*.
4. **Sheridan, L.**, Gutheil, P., Barresi, A., Chelimo, S. 2019. Learner Assessment 2.0: Embedding Remediation into the Assessment Strategy. *International Association of Medical Science Educators Annual Meeting*. Roanoke, VA.
5. Kralik, N., **Sheridan, L.** 2018. Novel Osteopathic LGBTQI Competency Objectives. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Washington, D.C.
6. **Sheridan, L.**, Chelimo, S. 2018. Effectiveness of Formative Team-Based Examination on Individual Learner Achievement. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Washington, D.C.
7. **Sheridan, L.**, Bianco, J.A, Chelimo, S. 2017. Does Distance Teaching Impact Faculty Evaluation Ratings? *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Baltimore, MD.
8. C. Stork., Barresi, A., **Sheridan, L.** 2017. Multi-Campus Team-Based Learning. *American Association of Colleges of Osteopathic Medicine Annual Meeting*. Baltimore, MD.
9. **Sheridan, L.**, Bianco, J.A, Chelimo, S. 2016. Teaching at a Distance: Do Faculty Evaluations Differ by Extension Campus Sites? *American Association of Medical Colleges Annual Meeting*. Seattle, WA.

10. LaLama, J., **Sheridan, L.**, Martell, C. 2015. Piloting Not Grading Applications in a Team-Based-Learning Pharmacy Course. *Team-Based Learning Collaborative Annual Meeting*. St. Petersburg, FL.
11. Berlau, D., Burt, L., Clapp, P., Fete, M., Freitas, E., Shea, L., **Sheridan, L.** 2014. Electronically Delivered Team Based Learning. *Team-Based Learning Collaborative Annual Meeting*. St. Petersburg, FL.
12. **Sheridan, L.**, Haight, R., Scherer, S., Clapp, P., Cogan, P., Hanselin, M., Smith, K., Wackernah, R., and McCollum, M. 2013. The creation and implementation of an instrument to peer-assess TBL facilitation. *Team-Based Learning Collaborative Annual Meeting*. San Diego, CA.
13. Luckey, S.W., Nelson, M., Clapp, P., Fete, M.G., Allison, S.D., **Sheridan, L.**, Cogan, P. 2012. An integrated biomedical and pharmaceutical science course delivered by team-based learning to first-year pharmacy students. *American Association of Colleges of Pharmacy Annual Meeting*. Kissimmee, FL.
14. McCollum, M., **Sheridan, L.**, Davis, A.M., Pennington, K.S., Suit, A.L., Scherer, S.A. 2012. Assessment of teaching effectiveness in an interdisciplinary environment. *American Association of Colleges of Pharmacy Annual Meeting*. Kissimmee, FL.
15. Allison, S.D., Fete, M.G, **Sheridan, L.**, M.G., Martell, C., Calderon, B., Paulsen, S. 2012. Creation of a calculations benchmark examination: an assessment of pharmacy students' calculation skills. *American Association of Colleges of Pharmacy Annual Meeting*. Kissimmee, FL.
16. **Sheridan, L.M.**, Sarkar, S., O'Brien, R.M., Davidson, H.W., Hutton, J.C. 2009. The Granular Zinc Transporter SLC30A8 in Beta Cells is Linked to Changes in Expression of Enzymes Involved in Proinsulin Conversion. *European Association for the Study of Diabetes (EASD)*. Vienna, Austria.
17. Sarkar, S.A., Juhl, K., Wong, W., Anderson, K., **Sheridan, L.**, Hutton, J.C. 2008. Expression of SLC30A8 (Zn-T8) and other zinc transporters in human and mouse pancreas. *American Diabetes Association Annual Meeting*. San Francisco, CA.
18. **Sheridan, L.**, Sarkar, S.A., Wenzlau, J.M., Moua, O., Davidson, H.W., Hutton, J.C. 2008. Cellular biology of ZnT8, a pancreatic β -cell Zn^{2+} transporter identified as a major autoantigen in Type 1 diabetes. *Society for Zinc Biology*. Banff, Canada.
19. **Carbonneau, L.**, Bhattacharya, D., Cheng, W., Sheridan, D.C., Coronado, R. 2005. Limited role of the II-III Loop of the skeletal dihydropyridine receptor $\alpha 1S$ pore subunit in excitation-contraction coupling. *Biophysical Journal*, 640a.
20. **Carbonneau, L.**, Grass, J.A., Bresnick, E.H., Coronado, R. 2005. Upregulation of beta3 transcript levels in beta1 KO E18 mouse skeletal muscle. *Biophysical Journal*, 635a.
21. **Carbonneau, L.**, Bhattacharya, D., Coronado, R. 2004. Limited role of cytoplasmic loops of the skeletal muscle DHPR pore subunit $\alpha 1S$ in excitation-contraction coupling. *Biophysical Journal*, 219a.
22. Cheng, W., **Carbonneau, L.**, Keys, L., Altafaj, X., Ronjat, M., Coronado, R. 2004. Positive charges in the 3495-3502 region of RyR-1 are required for physical interaction with the skeletal DHPR beta subunit. *Biophysical Journal*, 219a.
23. **Carbonneau, L.**, Bhattacharya, D., Coronado, R. 2003. Two beta subunits (beta1a and possibly beta3) interact with the cardiac $\alpha 1C$ pore isoform ($Ca_v 1.2$) in skeletal myotubes. *Biophysical Journal*, 262a.

INVITED PRESENTATIONS

1. 2023. *CASFM Medical Education Workgroup*. Exploring Cohesion and Mission in the Formation of a Medical Education Research Group (MERG).
2. 2022. *Tulane University School of Medicine Faculty Development Workshop*. Patient-Centered Basic Science Teaching. Co-Facilitator with Dave Harris from UCF.

3. 2022. *Case Western Reserve University School of Medicine Grand Rounds Faculty Development Workshop*. Integrated Illness Scripts: A Pedagogical Tool for Creating Integrated Learning Sessions that Directly Link Basic Science Concepts to Patient Care. Facilitator.
4. 2021. *Ohio State University Michael V. Drake Institute for Teaching and Learning*. Team Based Learning: Short Course. Facilitator.
5. 2021. *Aquifer Sciences Webinar*. Teaching Aquifer Integrated Illness Scripts. Co-facilitator with Aquifer Sciences Leadership Team
6. 2021. *Aquifer Wellspring Annual Conference, Plenary Webshop*. Promoting Intentional Cognitive Integration with Aquifer Sciences. Co-facilitator with Aquifer Sciences Leadership Team
7. 2021. *Physician Assistant Education Association Annual Conference, Solution Circle*. Integrated Illness Scripts. Co-facilitator with Jensen Lewis, MSPAS, PA-C, Assistant Professor and Director of Didactic Curriculum, Physician Assistant Program, School of Medicine, Case Western Reserve University
8. 2021. *Aquifer Sciences Webshop*. Creating Mechanisms of Disease Maps for Clinical Conditions. Co-facilitator with Aquifer Sciences Leadership Team
9. 2021. *Aquifer Sciences Webshop*. Creating Integrated Illness Scripts for Clinical Conditions. Co-facilitator with Aquifer Sciences Leadership Team
10. 2021. *Texas Christian University Webshop*. Mechanism of Disease Maps. Aquifer Sciences. Co-facilitator with Aquifer Sciences Leadership Team
11. 2021. *Texas Christian University Webshop*. Integrated Illness Scripts. Aquifer Sciences. Co-facilitator with Aquifer Sciences Leadership Team
12. 2019. *Medical School New Curriculum Solutions*. Co-panelist with Brian Mavis, Brenda Roman, Dianne Wagner, Giulia Bonaminio, and Jennifer Schwartz. American Association of Medical Colleges (AAMC) Central Group on Educational Affairs. Grand Rapids, MI
13. 2019. *Opioid Community Conversation*. Co-panelist with Dan Skinner, Berkeley Franz, S. Coutts, Rachelle Dulan, L. Lili, and M. Ford. Ohio Osteopathic Symposium. Columbus, OH
14. 2018. *Novel Osteopathic Model as Tool for Teaching Homeostatic Balance and Functional Health*. Symposium presentation, Ohio Osteopathic Symposium, Columbus, OH
15. 2013. *Signs and symptoms of cardiovascular disease*. Symposium presentation, Regis Goes Red for Heart Disease Symposium. Regis University, Denver, CO
16. 2012. *Research Literature Review*. Seminar presentation. Regis University, Office of Academic Grants, Denver, CO
17. 2011. *Cell biological studies on the pancreatic beta cell Zn²⁺ transporter, ZnT8*. Seminar Presentation. Department of Pharmaceutical Sciences, Regis University, Denver, CO
18. 2011. *Cell biological studies on the pancreatic beta cell Zn²⁺ transporter, ZnT8*. Seminar Presentation. Barbara Davis Center for Childhood Diabetes, University of Colorado, Denver, CO
19. 2004. *Multiple loops of the dihydropyridine receptor pore subunit are required for full-scale excitation-contraction coupling in skeletal muscle*. Ion Channel Conference, Hyères, France
20. 2004. *Role of the cytoplasmic loops of the DHPR alpha 1 subunit in skeletal and cardiac excitation-contraction coupling*. Department of Physiology and Biophysics, University of Colorado Denver, Aurora, CO

GRANTS

1. American Association of Colleges of Osteopathic Medicine 2016 – 2018
Project Title: Teaching at a distance: exploration of faculty evaluation ratings
Role: PI
Amount Funded: \$4,998.00
2. Juvenile Diabetes Research Foundation (JDRF) Postdoctoral Fellowship 2008 – 2010

Project Title: Cellular biology of ZnT8, a pancreatic β -cell Zn^{2+} transporter identified as a major autoantigen in Type 1 diabetes

Role: Mentored fellow (grant writer and PI)

Amount Funded: \$71,190.81

3. National Research Service Award (NRSA): Cardiovascular Research Fellow 2002 – 2003
Project Title: Role of the α 1 subunit of the dihydropyridine receptor in excitation-contraction coupling in skeletal myotubes
Role: Mentored fellow (grant writer and PI)
Amount Funded: \$40,000
4. Cremer Fellowship 2003
Project Title: Role of the α 1 subunit of the dihydropyridine receptor in excitation-contraction coupling in skeletal myotubes
Role: Mentored fellow (grant writer and PI)
Amount Funded: \$20,000