

CURRICULAR VITA

JENNIFER LYNNE EASTWOOD, PHD

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EDUCATION

Ph.D., Science Education, Department of Curriculum and Instruction, Indiana University, Bloomington, IN. August 2003-
May 2010

Master of Sciences, Anatomy and Cell Biology, Medical Sciences Program, Indiana University, Bloomington, IN. August 2001-
May 2003

LEADERSHIP TRAINING

Costin Institute for Osteopathic Medical Educators, Cohort 17, Midwestern University, Delivered online/Chicago, IL. September 2021-
September 2022

40-Hour Basic Mediation Training Certificate Program. Common Ground Mediation Service, Santa Fe, NM. August 2019

Entering the ARC-PA Provisional Accreditation Pathway. Workshop, Atlanta, Georgia. November 2014

Advanced Teaching Skills: Stimulating Lively and High Yield Learning through the Use of Interactive and Innovative Teaching Techniques. Harvard Medical School, Boston, MA. May 2014

Essential Skills in Medical Education (ESME). Course provided in association with International Association of Medical Science Educators, Portland, OR. June 2012

ACADEMIC APPOINTMENTS

Associate Professor of Anatomy and Cell Biology. Burrell College of Osteopathic Medicine, Las Cruces, NM. 2017-2022

Assistant Professor of Anatomy and Cell Biology. Burrell College of Osteopathic Medicine, Las Cruces, NM. 2016-2017

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| Assistant Professor of Health Sciences. Stephens College, Columbia, MO. | 2014-2016 |
| Assistant Professor of Biomedical Sciences. Oakland University William Beaumont School of Medicine, Rochester, MI. | 2011- 2014 |
| Post-Doctoral Associate, Science Education, University of Florida, Gainesville, FL. | 2010-2011 |
| Associate Instructor for Human Tissue Biology and Basic Human Anatomy, Medical Sciences Department, Indiana University, Bloomington, IN. | 2003-2006; 2009-2010 |
| Associate Instructor for Learning, Theory into Practice and Introduction to Scientific Inquiry, School of Education, Indiana University, Bloomington, IN. | 2006-2009 |

EMPLOYMENT

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| 7 th and 10 th Grade Biology Teacher, Crawford ISD, Crawford, Texas | 2001-2002 |
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HONORS AND AWARDS

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| Burrell Faculty Award for Excellence in Teaching | 2021 |
| Stephens College STAR Award for Departmental Assessment Plan | 2016 |
| Stephens College Kappa Delta Professor of the Month (December) | 2015 |
| Lorrie Ryan Memorial Poster Award, Lilly Conference on College and University Teaching and Learning, Poster: <i>Development and Validation of an Instrument to Measure Team Dynamics</i> | 2014 |
| Medical Sciences Outstanding Associate Instructor Award, Indiana University, Bloomington, IN. | 2010 |

SOCIETY MEMBERSHIPS

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| American Association for Anatomy (AAA) | |
| Human Anatomy and Physiology Society (HAPS) | |
| International Association of Medical Educators (IAMSE) | |
| Global Organization for Improving Science Education through Research (NARST) | |

TEACHING*Burrell College of Osteopathic Medicine*

Discipline Director for Histology 2016-2022

Lectures or Classroom-based Teaching, Year 1 DO Students

The Cell (2 hours integrated with cell biology) 2016-2022

Cell Structure and Function Activity (1.5 hours integrated with cell biology)

Interpreting Histological and Cytological Images (1 hour integrated with cell biology)

Epithelial Tissues & Glands (1.5 hours)

Muscle Tissues (1 hour)

Muscle Ultrastructure and Single Fiber Contraction (1.5 hours integrated with physiology)

Cardiovascular Histology (2 hours)

Nerve Tissues (1 hour integrated with cell biology)

Introduction to Organs and Tissues of the Immune System (2 hours integrated with immunology)

Blood components (2 hours)

Integument Part 1 (1 hour)

Integument Part 2 (1 hour)

Histology of Oral Cavity and Salivary Glands (1 hour)

Histology of Esophagus and Stomach (1 hour)

Histology of the Lower GI Tract (1 hour)

Histology and functions of the hypothalamus and pituitary (1.5 hours integrated with physiology)

Histology of the Urinary System (2 hours)

Histology of the Eye (1.5 hour)

Histology of the Ear (1 hour)

Overview of the Anatomy & Histology of the Brain (2 hours) 2020

Introduction to Vasculature (1 hour) 2019

Histology of the Respiratory System (2 hours) 2016-2019

Histology of the Male Reproductive Tract (2 hours)

Anatomy and Histology of the Breast (1 hour)

Anatomy and Histology of the Thyroid and Parathyroid (1 hour)

Placenta (1 hour)

External and Internal Anatomy of the Brain (1.5 hours) 2018

Anatomy of the Thigh (2 hours)

Anatomy of the Leg and Ankle (2 hours)

Anatomy of the Pharynx (1 hour)

Cardiovascular Overview 2017-2018
 Lower Limb Vasculature & Anastomoses (1 hour)
 Upper Limb Vasculature & Anastomoses (1 hour)
 Upper Limb Arm & Cubital fossa (1 hour)

Team Based Learning, Applications, & Assessments, Year 1 DO Students

Histology Tissues Case-Based Lab (1 hour) 2016-2022
 Histology Mini-Practical (1 hour)
 M2P Application 1-Cellular Structure/Function (2 hours, multidisciplinary)
 M2P Application 2-Host Interaction with Environment (2 hours, multidisciplinary)

Anatomy Labs, Year 1 DO Students

Prosection Based, case-based, or virtual small group format with video and image-based quizzing.

Intro to Anatomy Lab (1.5 hours) 2016-2022
 3 MSK labs (6 hours)
 Cardiovascular Anatomy/Mediastinum (2 hours)
 Respiratory Anatomy/Thorax (2 hours)
 GI anatomy/Abdomen/Urinary Anatomy (2 hours)
 Endocrine/Reproductive Anatomy/Pelvis and Perineum (2 hours)
 3 Neuroanatomy labs (6 hours)

Lectures or Classroom-based Teaching, Year 2 DO Students

Year 2 respiratory histology review (.5 hour) 2016-2022
 Blood cell review and developing blood cells (1 hour)

Course Directing

Course directors organize the curriculum, coordinate multidisciplinary faculty, develop syllabi, manage assessments, approve grades, address student questions, and evaluate/revise courses.

Immunology-Hematology-Lymphatic System Course, Year 2 DO Students 2022
Course director for one year

Respiratory Organ System 2, Year 2 DO students 2020-2021
Basic science course co-director for two years

Gastrointestinal Organ System 1, Year 1 DO students 2018-2019
Course director for two years

Stephens College

Undergraduate Courses

Human Anatomy (BIOL 343, 2 semesters) 2014-2016
*4.0 credit hour/semester long upper level biology course, 1-2 lab sections.
Course included human anatomy with integrated histology and model based
lab with cat dissection and histology slides.*

Microscopic anatomy (BIOL 380) 2015
4.0 credit hour/semester long course
*Developed new course and piloted as a biology upper level elective. Course
included lecture and TBL-based labs, virtual histology, electron micrographs,
and light microscopy*

Physician Assistant Curriculum Development

As Academic Coordinator, developed preclinical curriculum for PA program,
including preliminary syllabi for the following courses:

PAS 515 Human Anatomy & Radiology (6 credit hours) 2015
PAS 516 Medical Physiology (3 credit hours)
PAS 517 Molecular Foundations of Biomedicine (3 credit hours)
PAS 511 Clinical Skills 1 (4 credit hours)
PAS 512 Clinical Medicine 1 (5 credit hours)
PAS 513 Medical Pharmacology 1 (2 credit hours)
PAS 514 Case Based Medicine Seminar 1 (1 credit hour)
PAS 522 Clinical Medicine 2 (9 credit hours)
PAS 523 Medical Pharmacology 2 (2 credit hours)
PAS 521 Clinical Skills 2 (4 credit hours)
PAS 525 Professional Practice 1 (2 credit hours)
PAS 526 Evidence Based Medicine & Research 1 (2 credit hours)
PAS 524 Case Based Medicine Seminar 2 (1 credit hour)
PAS 532 Clinical Medicine 3 (9 credit hours)
PAS 533 Medical Pharmacology 3 (2 credit hours)
PAS 531 Clinical Skills 3 (4 credit hours)
PAS 535 Professional Practice 2 (2 credit hours)
PAS 536 Evidence Based Medicine & Research 2 (2 credit hours)
PAS 534 Case Based Medicine Seminar 3 (1 credit hour)

Oakland University William Beaumont School of Medicine

Histology Discipline Director 2011-2014

Lectures or Classroom-based Teaching, Years 1&2 MD students

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| Introduction to Histology and Cell Biology/Organelles (2 hours integrated with cell biology) | 2011-2014 |
| Organelles Activity (2 hours integrated with cell biology) | |
| Epithelium & Cellular Adhesions Flipped Classroom (1.5 hours integrated with Cell Biology) | |
| Secretory Epithelium (1hour) | |
| Extracellular Matrix and Connective Tissue Proper (1hour) | |
| Cartilage and Bone (1 hour) | |
| Cartilage and Bone Development (1 hour) | |
| Muscle Tissues (1 hour) | |
| Nerve Tissues (1 hour) | |
| Histology of endocrine glands (2 hours integrated with embryology) | |
| Histology of male reproductive system (1 hour) | |
| Histology of female reproductive system (2 hours) | |
| Histology of the eye and ear (1.5 hours) | |
| Cardiovascular histology (1 hour) | 2012 |
| Respiratory histology (1 hour) | |

Histology Labs

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| Epithelium, Glands, & Cellular Adhesions (1.5 hours) | 2011-2014 |
| Extracellular Matrix and Connective Tissue Proper (1.5 hours) | |
| Cartilage and Bone (1.5 hours) | |
| Muscle Tissues (1.5 hours) | |
| Blood & Bone Marrow (1.5 hours) | |
| Lymphoid Organs (1.5 hours) | |
| Cardiovascular (1.5 hours) | |
| Respiratory (1.5 hours) | |
| Renal/Urinary (1.5 hours) | |
| Endocrine glands (1.5 hours) | |
| Male reproductive system (1.5 hours) | |
| Female reproductive system (1.5 hours) | |
| Nervous tissues (1.5 hours) | |
| Eye and Ear (1.5 hours) | |

Course Directing

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| Hematopoietic-Lymphoid Organ System Course <i>Worked with clinical co-director for 3 years on integrated basic science and clinical course for second year medical students.</i> | 2011-2014 |
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Mentorship to Students

- Research Advisor for Burrell Student Research Project 2016-2019
Mentored medical student, Katherine Kleinberg on educational study, "Efficacy of collaborative testing for long-term retention of medical knowledge." Ms. Kleinberg received the Burrell Student Research Award in education category, nominated for AAA Student Platform Presentation Award.
- Capstone Mentor for OUWB Medical Student 2013-2014
Faculty mentor for medical student, Anna Karpov, on outreach and educational study, "Improving motivation to make healthy lifestyle choices by teaching physiology in low SES schools: a pilot study." Ms. Karpov presented her work at the American College of Physicians Michigan Chapter Meeting.
- Undergraduate Research Mentor for Oakland University Student 2012-2013
Faculty mentor for undergraduate research student, Nina Iyer. Ms. Iyer contributed to research presented in the poster presentation: "An integrated and flipped classroom model for medical education".at the 2013: Experimental Biology meeting.

CONSULTING POSITIONS

- Graduate Educational Research Consultant, Indiana University Bloomington Libraries, Bloomington, Indiana. 2008-2009
Supported instrument development, IRB process, and data analysis for project on integration of Information Literacy Competency Standards for Higher Education into courses in biology and gender studies.

LEADERSHIP SERVICE/LEADERSHIP POSITIONS

Administrative Positions

- Assistant Dean of Faculty Affairs, Burrell College of Osteopathic Medicine, Las Cruces, New Mexico. 2019-2021
.6 FTE administrative position in addition to faculty role. Oversaw institutional faculty development for pre-clinical and preceptor faculty, faculty appointment and credentialing, recruitment, onboarding, promotions, and faculty evaluation processes.

Academic Coordinator of Physician Assistant Program, Stephens College, Columbia, Missouri. 2015-2016
Administrator for didactic education. Collaborated to develop program mission, goals, curriculum, assessment plan, policies and procedures. Led curriculum and assessment components of ARC-PA accreditation (provisional accreditation received in 2016). Consulted on building of gross anatomy dissection lab. Recruited and coordinated faculty for didactic curriculum.

Committee Leadership Roles

Burrell Faculty Development Advisory Council Chair 2019-2021
Established formal committee and developed Faculty Academy of Medical Educators. Committee conducts needs assessments and plans campus-based faculty development.

Burrell Ad-hoc Professionalism Task Force Chair 2020
Appointed by the Dean and charged with drafting of new institutional core values and informing processes related to professionalism for students, faculty, and staff.

Burrell Ad-hoc Shared Governance Committee Co-Chair 2020
Appointed by the President and Dean of the College to review policies and procedures and evaluate shared governance at Burrell.

Burrell Curriculum Committee Chair 2016-2019
Chaired founding curriculum committee at Burrell, developed procedures, assessment plans, curriculum templates, and recommendations for curriculum policy, and facilitated development of programmatic educational objectives

Parliamentarian for Burrell Faculty Council 2018-2019

Burrell Ad-hoc Calendar and Schedule Committee Co-Chair 2017
Appointed by the Dean of the College to review and make recommendations regarding the DO academic calendar and schedule template.

Chair of Search Committee for Stephens College PA Program Director 2015

Chair of Search Committee for OUWB Medical Education Faculty Member 2011-2012

COMMUNITY SERVICE

Medical Explorers, Burrell College of Osteopathic Medicine 2016-2018
Adviser to high school students interested in health science careers

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| Stephens College Summer Camps, Health Science Programming <i>Directed two health science workshops during camps for K-8th grade students</i> | 2015 |
| Director, Bioengineering and Biomedical Sciences Summer Enrichment Program <i>Served as faculty director of a 2-week STEM summer program for high school students from underrepresented populations in science.</i> | 2014 |
| MLK Day of Service <i>Worked with medical students and high school biology students to prepare educational materials and events for a community health fair in Detroit.</i> | 2013-2014 |
| Future Physicians Program <i>Co-developed and implemented two 2-week summer programs for high school students from populations underrepresented in medicine to learn science and explore medical careers.</i> | 2013 |

COMMITTEE AND ADMINISTRATIVE SERVICES

Medical College

Burrell College of Osteopathic Medicine

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| HLC Accreditation Standard 3 Committee | 2021-2022 |
| Faculty Awards Committee | 2021-2022 |
| Faculty Development Advisory Council (Chair 2019-2021) | 2019-2022 |
| Student Conduct Committee | 2018-2022 |
| Curriculum Committee (Chair 2016-2019) | 2021-2022; 2016-2019 |
| Admissions Interviewer | 2016-2022 |
| Student Advisor | 2016-2022 |
| Curriculum Review Task Force | 2020-2021 |
| <i>Ad-hoc</i> Professionalism Task Force (Chair) | 2020 |
| <i>Ad-hoc</i> Shared Governance Committee (Co-Chair) | 2020 |
| Institutional Review Board | 2017-2020 |

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| Faculty Council (Parliamentarian) | 2018-2019 |
| Pathology Faculty Search Committee | 2018 |
| Anatomy Faculty Search Committee | 2017 |
| Neuroscience Faculty Search Committee | 2017 |
| Assistant Director of Student Affairs Search Committee | 2017 |
| Foundations of Biomedical Sciences Admissions Committee | 2017 |
| Facilities and Safety Committee | 2016-2017 |
| <i>Ad-hoc</i> Calendar and Schedule Committee (Co-Chair) | 2016 |
| Promotions and Evaluations Committee | 2016 |
| COCA Standard 4 Self Study Subcommittee | 2016 |
| <i>Oakland University</i> | |
| <i>Ad-hoc</i> Peer Evaluation Committee | 2013-2014 |
| <i>Ad-hoc</i> Faculty Development Seminar Series Committee | 2013-2014 |
| Curriculum Integration Committee | 2012-2014 |
| <i>Ad-hoc</i> Faculty Mentoring Program Committee | 2012-2014 |
| Medical Years 1 and 2 Curriculum Committee | 2011-2014 |
| Medical Education Faculty Search Committee (Chair) | 2011-2012 |
| Anatomy Faculty Search Committee | 2011-2012 |
| Neuroscience Faculty Search Committee | 2011-2012 |
| University | |
| <i>Stephens College</i> | |
| Physician Assistant Admissions Committee | 2015-2016 |
| Graduate Council (Graduate Curriculum Committee) | 2015-2016 |

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| Search Committee for two Physician Assistant Faculty | 2015 |
| Graduate and Online Studies Dean Search Committee | 2016 |
| Biology Faculty Search Committee | 2015 |
| PA Program Director Search Committee (Chair) | 2015 |
| <i>Oakland University</i> | |
| University Committee on Undergraduate Instruction, Oakland University | 2013-2014 |

SCIENTIFIC AND SCHOLARLY ACTIVITIES

Offices in Professional Societies

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| Committee for Early Career Anatomists (CECA), American Association for Anatomy | 2014-2017 |
| Editorial Committee for HAPS-Educator, Human Anatomy and Physiology Society | 2005-2009 |

Reviewer for Professional Journals

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| <i>PLOS ONE</i> | 2020-present |
| <i>BMC Medical Education</i> | 2018-present |
| <i>Anatomical Sciences Education</i> | 2013-present |
| <i>International Journal of Science Education</i> | 2011-present |
| <i>CBE-Life Sciences Education</i> | 2012-2016 |
| <i>Research in Science Education</i> | 2012-2016 |
| <i>Science Education</i> | 2011-2016 |
| <i>Journal of Curriculum Studies</i> | 2014 |
| <i>Computers and Education</i> | 2013 |
| Reviewer for Journal, <i>Engineering Education</i> | 2013 |

Reviewer for Other Publications

- Pawlina W. *Histology: A Text and Atlas with Correlated Cell and Molecular Biology, 8th Ed.* Lippincott Williams & Wilkins; 2018. 2017
- MedEdPortal, Educational Resource Repository 2013-2016
- Boateng B, Black E. *Social Media in Medicine: The Impact of Online Social Networks on Contemporary Medicine.* New Forums Press; 2012. 2011
 *Reviewer for 2 chapters

Oral Presentations at National and International Meetings

1. Pinder K, **Eastwood, J.** A Tale of two approaches: results from integrating histology and pathology. Presented at: *Annual Meeting of the American Association of Anatomists*; April, 2018; San Diego, CA.
 *Symposium co-chair, **Histology in an Integrated Curriculum: Approaches, Student Outcomes, and Lessons Learned.**
2. Kleinberg K.*, **Eastwood J,** Rodenbaugh D. Efficacy of collaborative testing for long-term retention of medical knowledge. Presented at: *Annual Meeting of the American Association of Anatomists (AAA)*; April, 2018; San Diego, CA.
 *Student advisee, selected as a finalist for the **AAA Student Platform Award**
3. Lee L, Goldman H, Das M, Rhoades J, Pinder K, **Eastwood J.** Digital Histology interest group histology education roundtable. Presented at: *Annual Meeting of the American Association of Anatomists (AAA)*; April, 2017; Chicago, IL.
4. de Leeuw J, Motz B, **Eastwood J,** Maltese A, Goldstone R, Danish, J. Needle in the neural haystack: electroencephalograph signatures of concept learning while viewing naturalistic educational materials. Presented at: *American Educational Research Association (AERA) Annual Meeting*; June 2015; Chicago, IL.
5. **Eastwood J,** Schlegel W. Advancing understanding of interdisciplinary, socioscientific issues-directed learning in STEM. Presented at: *International Society for the Scholarship of Teaching and Learning (ISSOTL) Annual Meeting*; October, 2011; Milwaukee, WI.
6. **Eastwood J.** Participation in an interdisciplinary, SSI-based undergraduate human biology major and understanding of scientific inquiry. Presented at: *National Association for Research in Science Teaching (NARST) Annual Meeting*; April, 2011; Orlando, FL.
7. Sadler TD, Klosterman M, Zeidler DL, Applebaum S, Evagorou M, Simon S, Amos R, **Eastwood J,** Tal T, Kali Y. Socio-scientific issues in science classrooms: teaching, learning and research. Research symposium presented at: *National Association for Research in Science Teaching (NARST) Annual Meeting*; April, 2011; Orlando, FL.

8. Schlegel WM, **Eastwood JL**, Nelson CE. Evidence-based practices provide the necessary foundation for developing and sustaining interdisciplinary learning environments. Research symposium presented at: *Association of American Colleges and Universities (AAC&U) Engaged STEM Learning Meeting*; March, 2010; Miami, FL.
9. Akerson V, Buzelli C, **Eastwood J**. ‘*Strangers in a strange land*’: bridging the gap between preservice early childhood teachers’ cultural values and their perceptions of values held by scientists. Presented at: *National Association for Research in Science Teaching (NARST) Annual Meeting*; March, 2010; Philadelphia, PA.
10. **Eastwood J**, Cook K, Sherwood R, Schlegel W. “Not simply what’s the science, but how does it affect people, and why is that important?” Effects of an interdisciplinary human biology program focused on socioscientific reasoning. Presented at: *National Association for Research in Science Teaching (NARST) Annual Meeting*; March, 2010; Philadelphia, PA.
11. **Eastwood, JL**, Schlegel WM. Electronic reflection by student teams facilitates and provides evidence of team-based learning process. Presented at: *International Society for the Scholarship of Teaching and Learning (ISSOTL) Annual Meeting*; October, 2009; Bloomington, IN.
12. Akerson V, Buzelli C, **Eastwood, J**. The relationship between preservice early childhood teachers’ cultural values and the cultural values they believe that scientists hold. Presented at: *American Educational Research Association (AERA) Annual Meeting*; April, 2009; San Diego, CA.
13. Akerson V, Donnelly L, Riggs M, **Eastwood J**. Supporting preservice elementary teachers’ nature of science instruction through a community of learners. Presented at: *American Educational Research Association (AERA) Annual Meeting*; April, 2009; San Diego, CA.
14. Buck GA, Cook KL, Quigley CF, **Eastwood JL**. Exploring how urban African-American girls position themselves in science learning: a sequential explanatory mixed-methods study. Presented at: *National Association for Research in Science Teaching (NARST) Annual Meeting*; April, 2009; Garden Grove, CA.
15. Akerson VA, Donnelly L, Riggs M, **Eastwood J**. Supporting preservice elementary teachers’ nature of science instruction. Presented at: *National Association for Research in Science Teaching (NARST) Annual Meeting*; April, 2009; Garden Grove, CA.
16. **Eastwood J**, Schlegel, WM. Constructing a model of student learning for pedagogies of uncertainty. Presented at: *International Society for the Scholarship of Teaching and Learning (ISSOTL) Annual Meeting*; November, 2006; Washington, D.C.

17. French Doubleday A, **Eastwood J**. Standardizing quality in a large undergraduate anatomy lab. Presented at: *Human Anatomy and Physiology Society (HAPS) Annual Meeting*; May, 2006; Austin, TX.
18. **Eastwood J**, Doubleday A. Tips from the trenches: an associate instructor's perspective on teaching human anatomy lab. Workshop presented at: *Human Anatomy and Physiology Society (HAPS) Annual Meeting*; May, 2005; St. Louis, MO.

Oral Presentations at Regional Meetings or Symposia

1. **Eastwood J**, Craig M. Transforming a health science course curriculum with socioscientific issues. Workshop presented at: *Oakland Windsor Conference on Teaching and Learning*; May, 2014; Rochester, MI.
2. Craig M, **Eastwood J**. Promoting health science competencies through socioscientific issues. Workshop presented at: *Conference of the Michigan Academy of Science, Arts & Letters*; March, 2013; Holland, MI.
3. **Eastwood J**. Insights from the reflective writing of high and low achieving teams in an undergraduate case-based physiology course. Presented at: *Science Education Research Symposium, Indiana University*; March, 2009; Bloomington, IN.
4. Buck G, Amirshokohi A, Beeman-Cadwallader N, Caylor B, **Eastwood J**, Nargund V, Schmelz R, Sher M. Making inquiry into chemistry discernible to pre-service teachers. Workshop presented at: *School Science and Mathematics Association (SSMA) Annual Meeting*; November, 2007; Indianapolis, IN.

Invited Seminars and Lectures

1. **Eastwood J**, Mi M, Krug EF, Koppelman-White E, Joyce B, Wasserman, J. Epistemology in Medicine: A Systematic Review. Presented at: *Arnold P. Gold Foundation Critical Reviews of Literature Symposium*; May, 2015; Chicago, IL.
2. **Eastwood J**. Medical students' views of knowing and learning. Presented at: *Wayne State University Department of Physiology Seminar Series*; December, 2013; Detroit, MI.

Poster Presentations at National and International Meetings

1. **Eastwood JL**, Kleinberg K, Rodenbaugh, DW. Collaborative testing in medical education: student perceptions and knowledge retention. Poster Presented at: *Annual Meeting of the International Association of Medical Science Educators*; June, 2019; Roanoke, VA.
***IAMSE Poster Award Nominee: Curriculum Category.**

2. **Eastwood JL**, Koppelman-White E., Mi Mi, Wasserman JA., Krug EF, Joyce B. Epistemic cognition in medicine: a review of literature and implications for medical educators. Poster presented at: *Experimental Biology (EB) Annual meeting*; April, 2017; Chicago, IL.
3. **Eastwood J**, Maltese M, deLeeuw J, Danish J, Goldstone R, Motz B. Exploring the inner working of anatomy learning: an interdisciplinary approach. Poster presented at: *Experimental Biology (EB) Annual meeting*; April 2016; Boston, MA.
4. **Eastwood J.** & Doubleday A. Student-developed Learning Resources for the Anatomical Sciences. Poster presented at: *Experimental Biology (EB) Annual meeting*; April, 2014; San Diego, CA.
5. Cortright RN, Lujan HL, Cox JH, **Eastwood JL**, Rodenbaugh DW, DiCarlo, SE. The intrinsic motivation of students to learn is inversely related to their epistemological beliefs. Poster presented at: *Experimental Biology (EB) Annual meeting*; April, 2014; San Diego, CA.
6. **Eastwood J**, Rodenbaugh D, Sabina R, Krug E, Poznanski A, Mi M, Joyce B. A socioscientific issues model for integration of the medical sciences, social sciences, and medical humanities. Poster presented at: *Experimental Biology (EB) Annual meeting*; April, 2013; Boston, MA.
7. Sawarynski K, **Eastwood J**, Iyer N*. An integrated, flipped classroom model for medical education. Poster presented at: *Experimental Biology (EB) Annual meeting*; April, 2013; Boston, MA.
**Undergraduate student advisee*
8. Poznanski A, Granahan R, **Eastwood J**, Venuti J. An interprofessional learning module on bone marrow biopsy within the preclinical undergraduate medical curriculum. Poster presented at: *Experimental Biology (EB) Annual meeting*; April 2013; Boston, MA.
9. Hankin M, Bee M, Forbes W, Montante J, **Eastwood J**, Hajj-Hussein I, Afonso N, Poznanski A, Venuti J, Gould D. Opportunities in a new medical school: A longitudinal, integrated clinical anatomy curriculum. Poster presented at: *Experimental Biology (EB) Annual meeting*; April 2013; Boston, MA.
10. Rodenbaugh, DW, **Eastwood JL**, Sabina, RL, Sawarynski KE, Thomas DM. Adapting technology to facilitate application phase gallery walks improves TBL discussions. Poster presented at: *Team Based Learning Collaborative Annual Conference*; February, 2013; San Diego, CA.
11. Seo M, Swanberg S, **Eastwood J**. Is professionalism applied differently according to the level and context of medical education? Poster presented at: *Association of American Medical Colleges (AAMC) Annual Meeting*; November, 2012; San Francisco, CA.

12. **Eastwood, JL**, Seo M, Lucia V, Stefaniak J, Reed H. Students' intellectual development in the first year of medical school. Poster presented at: *International Association of Medical Science Educators (IAMSE) Annual Meeting*; June, 2012; Portland, OR.
***IAMSE Poster Award Nominee: Curriculum Category**
13. Seo M. **Eastwood JL**, Swanberg S. A framework for defining professionalism at different levels of medical education: A critical synthesis. Poster presented at: *International Association of Medical Science Educators (IAMSE) Annual Meeting*; June, 2012; Portland, OR.
14. Venuti J, Bee M, **Eastwood J**, Harriott M, Rodenbaugh D, Thomas D, Gillum L, El-Sawi N. Peer mentoring in medical education research. Poster presented at: *International Association of Medical Science Educators (IAMSE) Annual Meeting*; June, 2012; Portland, OR.
15. **Eastwood JL**, Schlegel WM. A comparative study for advancing understanding of interdisciplinary learning in STEM. Poster presented at: *Experimental Biology (EB) Annual Meeting*; April, 2012; San Diego, CA.
16. **Eastwood, JL**, Sadler, TD. Teachers' implementation of a game-based biotechnology curriculum. Poster presented at: *National Association for Research in Science Teaching (NARST) Annual Meeting*; March, 2012; Indianapolis, IN.
17. **Eastwood J**, Hrnairova P, Arnold R, Foley JG. Proteomic based identification of epidermal markers for the murine nipple. Poster presented at: *Society for Investigative Dermatology (SID) Annual Meeting*; May, 2005; St. Louis, MO.

Poster Presentations at Regional Meetings

1. Kleinberg K*, **Eastwood J**, Rodenbaugh D. Efficacy of collaborative testing for long-term retention of medical knowledge. Poster presented at: *2018 Burrell Medical Student Research Day*; May, 2018; Las Cruces, NM.
***Student advisee, received the Burrell Educational Research Award.**
2. Karpov A,* **Eastwood J**. Improving motivation to make healthy lifestyle choices by teaching physiology in low SES schools: A pilot study. Poster Presented at: *American College of Physicians Michigan Chapter Meeting*; October, 2014.
***Student advisee**
3. **Eastwood J**, Rodenbaugh D, Mi M. Using socioscientific issues to integrate the sciences and humanities in preclinical medical education. Poster presented at: *Central Group on Educational Affairs (AAMC) Annual Meeting*; March, 2013; Cincinnati, OH.
***Selected by CGEA for dissemination of "example of an effective graphic."**

4. Hajj Hussein I, Poznanski A, **Eastwood J**, Harriott M, Amin M. Curricular integration and peer education in histology and pathology at Oakland University William Beaumont School of Medicine. Poster presented at: *Central Group on Educational Affairs (AAMC) Annual Meeting*; March, 2013; Cincinnati, OH.
5. Mi M, **Eastwood J**. Developing a faculty learning community to promote scholarly teaching and medical educational research. Poster presented at: *Central Group on Educational Affairs (AAMC) Annual Meeting*; March, 2013; Cincinnati, OH.
6. **Eastwood JL**, Rodenbaugh DW. A Socioscientific issues model for meeting key competencies in medical science education. Poster presented at: *Lilly Conference for College and University Teaching and Learning*; September, 2012; Traverse City, MI.
7. Seo M, **Eastwood JL**, Rodenbaugh DW, Sabina, R. Development and validation of an instrument to measure team dynamics. Poster presented at: *Lilly Conference for College and University Teaching and Learning*; September, 2012; Traverse City, MI.
8. **Eastwood JL**, Seo M, Lucia V, Stefaniak J, Reed H. Assessing intellectual development in medical education. Poster presented at: *Oakland University Windsor Annual Conference on Teaching and Learning*; May, 2012; Rochester, MI.

Faculty Development Presentations

1. **Eastwood J**. Vignette-style item writing with patient information. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, February 2022; Las Cruces, NM.
2. **Eastwood J**, Oxford M. Connecting learning objectives and assessment items. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, September, 2021; Las Cruces, NM.
3. **Eastwood J**. Communicating across the Clerkship. Faculty development session presented at Burrell regional academic centers. El Paso, TX; Rockledge, FL; Tucson, AZ.
4. **Eastwood J**. Promoting adaptive expertise. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, October, 2020; Las Cruces, NM.
5. **Eastwood J**. Resilience and self-care during COVID. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, September, 2020; Las Cruces, NM.
6. **Eastwood J**, Szalai G, Oxford M, Vaudrey C. Peer reviewer training workshop. Presented at: Burrell College of Osteopathic Medicine; June, 2020; Las Cruces, NM.

7. Szalai G, Oxford M, **Eastwood J.** Burrell peer observation program rollout. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, March, 2020; Las Cruces, NM.
8. **Eastwood J,** Ketchum R, Osborne D. Writing better learning objectives. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, February, 2020; Las Cruces, NM.
9. **Eastwood J.** Burrell preceptor orientation. Faculty development session presented at Burrell clinical sites regional academic centers. Albuquerque, NM, Artesia, NM, Carlsbad, NM, El Paso, TX, Las Cruces, NM, Roswell, NM, Tucson, AZ.
10. Grandjean, M., Trujillo, S., Osborne, D., **Eastwood, J.,** & Oxford, M. Improving Communication and Mitigating Conflict. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*; August, 2019.
11. **Eastwood, J.** Self-Directed Learning. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, July, 2019; Las Cruces, NM.
12. **Eastwood J,** Funk C, Ketchum R, Osborne D, Rodenbaugh D. All things course management. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, May, 2019; Las Cruces, NM.
13. **Eastwood J,** Arana T. Integrating professionalism in the medical curriculum. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, April, 2019; Las Cruces, NM.
14. **Eastwood J.** Situativity theory. Interactive session presented at: *Burrell Faculty Academy of Medical Educators*, March, 2019; Las Cruces, NM.
15. **Eastwood J,** Muller, S. Backward Design. Workshop provided at: *Stephens College Faculty Development Day*. May, 2016; Columbia, MO.
16. Muller S, **Eastwood, J.** Rubrics. Workshop presented at: *Stephens College Faculty Development Day*. May, 2016; Columbia, MO.
17. **Eastwood J.** Using virtual microscopy for teaching histology and pathology. Workshop presented at: *OUSB Pathology Faculty Retreat, Beaumont Hospital*; June, 2013; Troy, MI.
18. **Eastwood J.** Situated learning in medical education. Presented at: *Faculty Learning Community Seminar Series, Oakland University*; October, 2012; Rochester, MI.
19. **Eastwood, J.** How Students Learn. Presented at: *Faculty Learning Community Seminar Series, Oakland University*; May, 2012; Rochester, MI.

Funding History of Peer-Reviewed Grants

1. Arnold P. Gold Foundation Rigorous Reviews of Research on Humanistic Healthcare Grant. Title: Epistemological Beliefs and Medical Humanism Education: A Systematic Review. Principal Investigator: Jennifer Eastwood. \$5000. August 2013-December 2015.
2. Center for Excellence in Teaching and Learning, Oakland University Faculty Learning Community Grant. Title: Connecting Learning Theory to Teaching Practice and Scholarship. FLC Leader: Jennifer Eastwood. \$1500. November 2012-June 2012.
3. Indiana University Graduate School Grant in Aid of Doctoral Research. Title: The Impacts of an Interdisciplinary Undergraduate Human Biology Program on Socioscientific Reasoning, Content Learning, and Understanding of Inquiry. Principal Investigator: Jennifer Eastwood. \$1000. February 2009-May 2010.

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Original full-length peer-reviewed manuscripts

1. **Eastwood JL**, Kleinberg K, Rodenbaugh DW. Collaborative testing in medical education: student perceptions and long-term knowledge retention. *Med Sci Educ.* 2020;30:737–747.
2. **Eastwood JL**, Koppelman-White E, Mi M, Wasserman JA, Krug EK, Joyce B. Epistemic cognition in medical education: a literature review. *Int J Med Educ.* 2017;8:1-12.
3. **Eastwood JL**, Sadler TD. Teachers' implementation of a game-based biotechnology curriculum. *Comput Educ.* 2013;66:11-24.
4. **Eastwood JL**, Sadler TD, Sherwood RD, & Schlegel, W.M. Students' participation in an interdisciplinary, socioscientific issues-based undergraduate human biology major and their understanding of scientific inquiry. *Res Sci Educ.* 2013;43:1051-1078.
5. **Eastwood J**, Sadler T, Zeidler D, Applebaum S, Amiri L. Contextualizing nature of science in socioscientific issues, *Int J Sci Educ.* 2012;34:289-2315.
6. Akerson VL, Donnelly LA, Riggs ML, **Eastwood JL**. Developing a community of practice to support preservice elementary teachers' nature of science instruction. *Int J Sci Educ.* 2012;34:1371-1392.
7. Akerson VL, Buzzelli CA, **Eastwood JL**. Bridging the gap between preservice early childhood teachers' cultural values, perceptions of values held by scientists, and the relationships of these values to conceptions of nature of science. *J Sci Teacher Educ.* 2012;23:133-157.

8. Akerson V, Buzelli C, **Eastwood J**. The relationship between preservice early childhood teachers' cultural values and their perceptions of scientists' cultural values. *J Sci Teacher Educ*. 2011;21:211-214.
9. Buck G, Cook K, Quigley C, **Eastwood J**, Lucas, Y. Profiles of urban, low SES, African-American girls' attitudes toward science: a sequential explanatory mixed-methods study. *Journal of Mixed Methods Research*, 2009;3:386-410.
10. **Eastwood J**, Offutt C, Menon K, et al. Identification of markers for nipple epidermis: changes in expression during pregnancy and lactation. *Differentiation*. 2007;75:75-83.

Book chapters

1. Sadler TD, **Eastwood JL**, Annetta L, Romine W. Mission Biotech: using technology to support learner engagement in STEM. In: Yager R. & Mullinnix, M, eds. *Exemplary STEM Programs: Designs for Success*. NSTA Press; 2014.
2. **Eastwood JL**, Schlegel WM, Cook KL. Effects of an interdisciplinary program on students' reasoning with socioscientific issues and perceptions of their college experience. In: Sadler TD, ed. *Socio-scientific Issues in Science Classrooms: Teaching, Learning and Research*. New York: Springer; 2011.
3. **Eastwood, JL**, Sadler TD, Jimenez-Aleixandre, MP. Metalogue: SSI in undergraduate science education. In: Sadler TD, ed. *Socio-scientific Issues in Science Classrooms: Teaching, Learning and Research*. New York: Springer; 2011.
4. Zeidler D, Applebaum S, **Eastwood J**, Bell R. Metalogue: balancing tensions associated with extensive enactment of SSI-based teaching. In: Sadler TD, ed. *Socio-scientific Issues in Science Classrooms: Teaching, Learning and Research*. New York: Springer; 2011.
5. Sadler TD, Dawson V, Klosterman ML, **Eastwood J**, Zeidler D L. Metalogue: issues in the conceptualization of research constructs and design for socio-scientific issues. In: Sadler TD, ed. *Socio-scientific Issues in Science Classrooms: Teaching, Learning and Research*. New York: Springer; 2011.

Other Publications

1. **Eastwood J**. Networking 101. From the Desk of the Advisory Committee for Young Anatomists (ACYA). *Anatomy Now. The official newsletter of the American Association of Anatomists (AAA)*. Published January 2016.
2. Rodenbaugh DW, Sabina RL, **Eastwood JL**, Sawarynski KE, Thomas DM. Adapting technology to facilitate application phase gallery walks improves team-based learning (TBL) discussions. *MedEdPortal* Resource No. 666; 2013.

3. **Eastwood JL.** Book Review: The paradox of scientific authority: The role of scientific advice in democracies, by Wiebe E. Bijker, Roland Bal, and Ruud Hendriks. *Sci Educ*, 2011;95:380-382.
4. **Eastwood J, Doubleday A.** Summary of workshop #808 standardizing quality in a large undergraduate anatomy lab. *HAPS-Educator*, 2007;11:22-24.