******Anna M. Cunningham, PhD**

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[**https://www.linkedin.com/in/anna-m-cunningham-phd-b14a5569/**](https://www.linkedin.com/in/anna-m-cunningham-phd-b14a5569/)

**EDUCATION**

M. Ed. Arizona State University *2025* Learning Design & Technology

Ph.D. University of Missouri 2014 Microbiology

B.S. Missouri Southern State University 2008 Biology – Cum Laude, w/Honors

**PROFESSIONAL EXPERIENCE**

Arizona State University – West Assistant Director of Teaching & Learning 2022 – present

Arizona State University – West Co-Director of Teaching, Innovation, & Excellence 2020 – present

Arizona State University – West Assistant Teaching Professor 2020 – present

Arizona State University – West Lower Division Science Coordinator 2019 – 2022

Arizona State University – West Instructor 2019 – 2020

Glendale Community College Professor 2018 – 2019

Western New Mexico University Adjunct Professor 2018 – 2019

Tacoma Community College Instructor (tenured) 2015 – 2018

Missouri Southern State University Assistant Professor 2014 – 2015

Northeastern Oklahoma A&M College Adjunct Professor 2014

Missouri Southern State University Adjunct Professor 2014

University of Missouri Graduate Research Assistant 2008 – 2014

University of Missouri Guest Lecturer 2011

University of Missouri Teaching Assistant 2009 – 2010

Missouri Southern State University Teaching Assistant 2007 – 2008

Missouri Southern State University Lab Technician 2004 – 2008

Joplin Community Clinic Volunteer Dental Assistant 2004 – 2007

Joplin Community Clinic Children’s Day Camp Coordinator 2007

Dr. Brandon Riesenmy, Psychiatrist Front Office Coordinator 2005 – 2007

**COURSES TAUGHT**

Modes of Biological Thought BIO 306 Arizona State University – West

General Biology I BIO 181 Arizona State University – West

STEM Success LSC 394 Arizona State University – West

Integrative Biology I & lab (graduate) LSC 547 & 555 Arizona State University – West

Microbes in Society ASU Barrett: Summer Scholars

Virology BIOL 474 Western New Mexico University

Microbiology BIO 205 Glendale Community College

Undergraduate Research BIOL 490 Western New Mexico University

General Microbiology BIOL& 260 Tacoma Community College

General Cell Biology BIOL& 160 Tacoma Community College

Human Biology (I-BEST learning community) BIOL& 175 Tacoma Community College

Human Biology (ONLINE) BIOL& 175 OL Tacoma Community College

Human Biology BIOL& 175 Tacoma Community College

Independent Research in Biology BIO 499 Missouri Southern State University

General & Medical Microbiology BIO 231 Missouri Southern State University

Anatomy & Physiology I BIO 121 Missouri Southern State University

Essentials of Anatomy & Physiology BIOL2114 Northeastern Oklahoma A&M College

General Biology BIO 101 Missouri Southern State University

**SELECTED CERTIFICATIONS/TRAINING**

ACUE Creating an Inclusive and Supportive Online Learning Environment ACUE *in progress*

Conflicts of Interest CITI Program 2023

Yellowdig Instructor & Designer Certification Yellowdig 2023

IRB – Social & Behavioral Research CITI Program 2022

Food Handler Certificate of Completion efoodcard.com 2022

Introduction to PlayPosit PlayPosit | Arizona State University 2022

Women in STEM Leadership Program Stony Brook University 2022

Advanced Global Advocacy Certificate Arizona State University 2022

Global Advocacy Certificate Arizona State University 2021

ACUE Course in Effective Teaching Practices Assoc. of College & Univ. Educators (ACUE) 2021

ASU Sync Workshop ASU Online 2020

Master Class for Teaching Online ASU Online 2020

EH&S On-ground Training Arizona State University 2019

SnagIt and MediaAMP Training Arizona State University 2019

Teaching and Learning in the Community College Glendale Community College 2018

Accessibility 101 Washington State Board for Community and Technical Colleges (SBCTC) 2018

SafeColleges Training (Title IX) Tacoma Community College 2018

Inspire for Advisor (Civitas) Tacoma Community College 2017

Cybersecurity Training Tacoma Community College 2017

Canvas Learning Management System Certification Washington SBCTC 2016

Safe Zone Certification Tacoma Community College 2016

Master Advisor Certification Missouri Southern State University 2015

BlackBoard On-Ground Instructor Certification Missouri Southern State University 2015

**DEPARTMENTAL/SCHOOL, COLLEGE\*, UNIVERSTIY&, AND COMMUNITY# SERVICE**
**ARIZONA STATE UNIVERSITY – WEST**

School of Math & Natural Sciences Geology Assistant Teaching Professor Search Committee 2023 – present

School of Math & Natural Sciences Inclusion, Diversity, Equity, Access, & Justice Task Force 2023 – present

First Generation Career JumpStart Planning Team\* 2023 – present

ASU Digital Accessibility Liaison& 2022 – present

ASU-West Pitchfork Pantry | St. Mary’s Foodbank Primary Contact# 2022 – present

Assistant Director of Teaching & Learning 2022 – present

New College representative, Instructional Technology Advisory Committee\* 2022 – present

New College Undergraduate Inquiry and Research Experience (NCUIRE) 2022 – present

Coordinator, Math & Natural Sciences Pedagogy Ecosystem (Study Section) 2021 – present

Co-Director of Teaching, Innovation, and Excellence (TIE)\* 2020 – present

Course Coordinator – General Biology I (BIO 181) 2020 – present

Faculty Mentor, ASU-West Pitchfork Pantry& 2020 – present

New College Retention Committee – Math & Natural Sciences Representative\* 2019 – present

Faculty Expert: TutorBot Project (ASU University Academic Success Programs)\* 2023

Career Track Faculty Listening Session 2023

Faculty Panelist: First Generation Career Jumpstart\* 2023

School of Math & Natural Sciences Physics Assistant Teaching Professor Search Committee 2023

School of Math & Natural Sciences Biology Lecturer Search Committee 2022

ASU-West First Gen Celebration, Co-coordinator 2022

University Hearing Board Member, Academic Integrity& 2022

New College Anti-Racism Coalition – Personnel Committee Member\* 2021 – 2022

Lower Division Science Coordinator 2019 – 2022

School of Math & Natural Sciences Student Activities Working Group 2020 – 2021

School of Math & Natural Sciences Biology Lecturer Search Committee 2021

Interim New College Faculty Assembly Chair\* 2020

ASU Barrett: The Honors College Summer Scholars Professor# 2020

**GLENDALE COMMUNITY COLLEGE**

Supervised Undergraduate Research 2018 – 2019

Development & coordination, Biology Demo, Copperwood Elementary visit (Int’l Day of Science) 2018

**TACOMA COMMUNITY COLLEGE**

Coordinator, Celebration of Science 2015 – 2018

Faculty Advisor, Science Pre-Professionals Club (Pre-medical, pre-dental, pre-pharmacy) 2015 – 2018

Co-coordinator, Kid’s Celebration of Science 2016 – 2018

Pre-nursing Associates of Science Transfer Degree (AAS-T) Advisor\* 2016 – 2018

ComGen (Community Generated Course-based Authentic Research) Instructor 2017 – 2018

Class Cap Task Force 2017 – 2018

Instructional Council – Math, Science, and Engineering Representative (alternate) 2017 – 2018

Surgical Demonstration Guide 2017 – 2018

Instructional Council – Math, Science, and Engineering Representative 2016 – 2017

Faculty Forum – Math, Science, and Engineering Representative 2016 – 2017

Washington Integrated Basic Education and Basic Education (I-BEST) Instructor\* 2016 – 2018

Faculty Professional Development Committee\* 2015 – 2016

 Membership subcommittee

 Professional Development Days subcommittee

STEM representative, Women’s Fair\* 2016

Feed the Students volunteer\* 2015

**MISSOURI SOUTHERN STATE UNIVERSITY**

Faculty representative, Student Affairs Scholarship and Awards Committee\* 2015

Biology representative, Saturday Tour (Recruitment Event)\* 2015

Chair, Anatomy & Physiology Instructors Committee 2015

Co-coordinator, Special Awards, Missouri Southern State University Science Fair 2015

Microbiology representative, Scientific Review Committee, Missouri Southern State University Science Fair (Affiliated with the Society for Science and the Public and the Intel International Science and Engineering Fair) 2015

General Education Matrix Committee (General Biology) 2014 – 2015

Anatomy & Physiology Committee 2014 – 2015

Third Thursday Booth (Recruitment Event)\* 2014

Sponsored Third Thursday Biology Booth 2014

Major/Minors Fair Biology Booth 2014

Event leader, Missouri Southern State University Science Fair 2014

Head judge, Missouri Southern State University Science Fair 2014

**UNIVERSITY OF MISSOURI**

Microbiology Booth Coordinator, University of Missouri Adventures in Education 2011

**COMMUNITY**

Mock Interviewer, Merit America Washington, DC 2023 – present

St. Mary’s Food Bank, ASU-West Distribution Coordinator Glendale, AZ 2022 – present

Mid-Missouri Food Bank Columbia, MO 2013

Taste of the Market Columbia, MO 2010

Zeta Tau Alpha/Susan G. Komen Breast Cancer Foundation Joplin, MO 2006 – 2008

Walk for ALS Team Leader Joplin, MO 2006 – 2008

Joplin Community Clinic Joplin, MO 2004 – 2007

Joplin Community Clinic, Children’s Dental Day Camp Coordinator Joplin, MO 2007

**SCHOLARLY ACTIVITY**

**PEER-REVIEWED PUBLICATIONS**

Dietrich, S., **Cunningham, A.**, Sandrin, S. *in progress*. Databases for STEM Success: Lessons Learned.

Dumlao, D. S.**\***, **A.M. Cunningham\***, L.E. Wax, P.C. Norris, J.M. Hughes-Hanks, R. Halpin, K.M. Lett, V.A. Blaho, W.J. Mitchell, K.L. Fritsche, E.A. Dennis, and C.R. Brown. 2012. Dietary fish oil substitution alters the eicosanoid profile in ankle joints of mice during Lyme infection. Journal of Nutrition 142(8): 1582-9. PMCID: PMC3397342 **\*Co-first authors**. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3397342/pdf/nut14201582.pdf>

**Ritzman, A.M.**, J.M. Hughes-Hanks, V.A. Blaho, L.E. Wax, W.J. Mitchell, and C.R. Brown. 2010. The chemokine receptor CXCR2 ligand KC (CXCL1) mediates neutrophil recruitment and is critical for development of Lyme arthritis and carditis. Infection and Immunity 78(11): 4593-600. PMCID: PMC2976349 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2976349/pdf/0798-10.pdf>

**SPONSORED GRANTS**

([NSF 2221321](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2221321&HistoricalAwards=false)) Transfer to Interdisciplinary Natural and Mathematical Sciences (TraIN) 2.0. $1,499,702.00. January 1, 2023. **Role: Co-Principal Investigator**.

([NSF 2120021](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2120021&HistoricalAwards=false)) NSF INCLUDES Alliance: ALRISE - Accelerate Latinx Representation In STEM Education with Institutional Intentionality and Capacity Building for Experiential Learning. $9,985,243.00. August 1, 2021. **Role: Lead Faculty, ASU-West, Southwestern Regional Hub**.

**EDITORIAL ACTIVITIES**

Ania Majewska and Shannon Hostetter. (2023). Using an interactive game, Gutsy, to examine the impacts of pathogens and everyday events on the human gut microbiome. CourseSource.

Brooker, RJ., Eidmaier, EP., Graham, LE., Stiling, PD. (2024). Principles of Biology. 4th Ed. New York (NY): McGraw-Hill Education.

**SUPERVISED UNDERGRADUATE RESEARCH**

Co-PI: The ASU Belongingness Lab (2023 – present), Co-PI: Dr. Gregory Koop, School of Social & Behavioral Sciences

* Students: Carrasco Lechuga, Marlene; Delfin Lara, Savina; Ponton, Regan; Reyes, Anahi.
* Topics
	+ Studying Belongingness in first-year STEM Courses at ASU-West
	+ Test interventions to increase the sense of belonging in first-year STEM courses at ASU-West
* Current Activities
	+ Collecting data regarding sense of belonging from all Psychology 101 immersion courses at ASU-West
	+ Testing belonging intervention in all Psychology 101 immersion courses at ASU-West
	+ Planning implementation in General Biology (BIO 181) in Fall 2024

Warthen, Alexander. 2022. Exploring the Impact of Chronic Stress on the Phenotype and Genotype of Normal and Cancer cells. Barrett, the Honors College, Arizona State University – West.

Ruiz, Sonya and A. Cunningham. 2018. *Vibrio fischeri* and the Effects of Caffeine. Undergraduate Research in Biology (BIOL 490). Western New Mexico University.

Green, Pattie and A. Cunningham. 2017 – 2018. Sequencing of the 16s rRNA gene to identify bacterial species. General Microbiology Class Community Generated Course-based Authentic Research (ComGen) Project. Tacoma Community College.

Bang, Neha and A. Cunningham. 2015. Comparing Antiseptics to Determine the Most Effective Treatment for *S. mutans*-associated Dental Plaque. Independent Research in Biology (Bio 499). Honors Thesis Project. Missouri Southern State University.

**STUDENT MENTORSHIP EXPERIENCES**

Faculty Mentor, ASU-West Pre-Dental Club (ASU-West)

Faculty Mentor, ASU-West Pitchfork Pantry (ASU-West)

Research Mentor, GCC-WNMU Bio 409 ( Glendale Community College)

Pre-nursing Associates of Science Transfer Degree (AAS-T) Advisor (Tacoma Community College)

Microbiology Lab Assistant – trained & hosted 1 student (Missouri Southern State University)

Anatomy & Physiology I Lab Assistant – trained & hosted 3 students (Missouri Southern State University)

**HONORS CONTRACTS**

Zorn, Emma. Fall 2022. General Biology I. Placental Permeability.

Thompson, Gracie. Fall 2021. General Biology I. DNA in Forensic Science.

Perrapito, Hope. Spring 2021. General Biology I. Social Perceptions of Disability and Foundations in Biology.

**PROFESSIONAL DEVELOPMENT PRESENTATIONS**

Creating a Dynamic Syllabus, ASU Learning Experience Design, 2023

Coordinator, Math & Natural Sciences Pedagogy Ecosystem (Study Section)

Co-Director, New College Teaching, Innovation, and Effectiveness Coalition

School of Math & Natural Sciences: New Faculty Orientation, 2019 – present (each semester)

Designing Effective Learning Objectives, 2022

Metacognition, 2021

Tips & Tricks for Effective Teaching in ASU Sync, 2020

Universal Design for Learning, 2020

Active Learning Strategies for Large Classes, 2020

Supporting Student Collaboration & Groupwork, 2020

Innovative Methods of Monitoring Attendance & Participation, 2020

Analytical Rubric Design & Use in Canvas, 2020

Best Practices for Effective Course Coordination, 2020

De-escalation & Conflict Resolution in the Classroom, 2019

**MEMBERSHIPS**

Core Faculty, Research for Inclusive STEM Education (RISE) Center 2023 – present

Inclusion, Diversity, Equity, Access, and Justice Task Force 2023 – present

 Founder, member

Math & Natural Sciences Pedagogy Ecosystem (Study Section)

 Coordinator 2021 – present

Arizona-Nevada Academy of Science 2019 – 2022

Membership Secretary 2019 – 2022

American Society for Microbiology 2016 – 2018

American Association of Immunologists 2011 – 2018

Community Generated Course-based Authentic Research (ComGen) Faculty 2017 – 2018

Graduate Student Association University of Missouri 2008 – 2009

 Molecular Microbiology & Immunology – Veterinary Pathobiology representative 2009

Graduate Professional Council University of Missouri 2008 – 2009

Veterinary Pathobiology Representative 2009

Catholic Campus Ministry Missouri Southern State University 2004 – 2008

 President 2005

 Treasurer 2007

Biology Club Missouri Southern State University 2004 – 2008

Chemistry Club Missouri Southern State University 2004 – 2008

Zeta Tau Alpha – eta upsilon chapter Missouri Southern State University 2006 – 2008

 Vice President 2006 – 2007

Omicron Delta Kappa Honors Society 2008

Alpha Chi Honors Society 2008

Phi Eta Sigma Honors Society 2008

Spanish Club Missouri Southern State University 2004 – 2008

**MEETINGS ATTENDED**

T4 Leadership Academy; Tempe, AZ; September 2023 – July 2024 (four 3-day sessions)

Commission on the Status of Women/Staff Council Professional Development Conference; Tempe, AZ, October 2022

American Association of Colleges & Universities Transforming STEM Conference; Virtual; November 2021

Zombie Apocalypse Medical Alliance; Remote, October 2020

Western Alliance to Expand Student Opportunities: Beyond Teaching: Using Context Diversity to Help Students Thrive, Broaden Diversity, and Build Stronger Proposals; Phoenix, AZ, March 2020

American Association of Colleges & Universities Transforming STEM Conference; Chicago, IL, November 2019

Commission on the Status of Women/Staff Council Professional Development Conference; Glendale, AZ, October 2019

Tacoma Community College Writing Workshop on Racism and Whiteness in Assignments and Assessments; Tacoma, WA, May 2018

Washington Faculty Association of Community and Technical Colleges Retreat on Diversity, Inclusion, and Equity; Federal Way, WA, October 2017

Community Generated Course-based Authentic Research (ComGen) Summit; Leavenworth, WA, June 2017

Northwest Regional Meeting of the American Society for Microbiology; Seattle, WA, November 2016

Northwest Regional Meeting of the American Society for Microbiology; Seattle, WA, November 2015

Autumn Immunology Conference; Chicago, IL, November 2013

Great Plains Infectious Disease Conference; Columbia, MO, October 2013

Lipid Metabolites and Pathways Strategy (LIPID MAPS) Meeting; La Jolla, CA, May 2011

Lipid Metabolites and Pathways Strategy (LIPID MAPS) Meeting; La Jolla, CA, May 2010

Autumn Immunology Conference; Chicago, IL, November 2010

Autumn Immunology Conference; Chicago, IL, November 2009

Autumn Immunology Conference; Chicago, IL, November 2008

Missouri Academy of Science; Joplin, MO, April 2007

Missouri Academy of Science; Kansas City, MO, April 2006

Argonne National Laboratories Undergraduate Symposium; Argonne, IL, November 2006

Midwest Regional Meeting of the American Chemical Society; Quincy, IL, October 2006

Missouri Academy of Science; Kansas City, MO, April 2005

Midwest Regional Meeting of the American Chemical Society; Joplin, MO, October 2005

**POSTER ABSTRACTS**

“Inhibition of COX-2 Alters Pro-resolving Lipoxygenase Metabolite Production and Prolongs Inflammatory Arthritis.” **Cunningham, A.M.** and Brown, C.R. 36th Annual Phi Zeta Research Day, Columbia, MO. May, 2013.

“Inhibition of COX-2 Alters Pro-resolving Lipoxygenase Metabolite Production and Prolongs Inflammatory Arthritis.” **Cunningham, A.M.** and Brown, C.R. 29th Annual Missouri Life Sciences Week, Columbia, MO. April, 2013.

“Inhibition of COX-2 Alters Joint Lipid Production and Prolongs Inflammatory Arthritis.” **Cunningham, A.M.** and Brown, C.R. 30th Annual Research and Creative Activities Forum, Columbia, MO. March, 2013.

“Arachidonic acid induces FLAP-independent production of LTB4.” **Cunningham, A.M.** and Brown, C.R. 42nd Annual Autumn Immunology Conference, Chicago, IL. November, 2013.

“The Effect of Fish Oil Supplementation of Murine Lyme Disease.” **Cunningham, A.M.**, Dumlao, D.S., Wax, L.E., Norris, P.C., Hughes-Hanks, J.M., Halpin, R., Lett, K.M., Blaho, V.A., Mitchell, W.J., Fritsche, K.L., Dennis, E.A., and Brown, C.R. 12th Annual Great Plains Infectious Disease Conference, Columbia, MO. October, 2013. **\*Invited speaker**

 “COX-2 Inhibition Decreases Phagocytic Ability of Macrophages.” **Cunningham, A.M.** and Brown, C.R. 35th Annual Phi Zeta Research Day, Columbia, MO. May, 2012.

“Celecoxib Treatment of Arthritic Mice Alters the Joint Cytokine Milieu and Prolongs Disease.” **Cunningham, A.M.** and Brown, C.R. 28th Annual Missouri Life Sciences Week, Columbia, MO. April, 2012.

“Lyme Borreliosis in Fish Oil-fed Mice.” **Cunningham, A.M.**, Dumlao, D.S., Wax, L.E., Norris, P.C., Hughes-Hanks, J.M., Halpin, R., Lett, K.M., Blaho, V.A., Mitchell, W.J., Fritsche, K.L., Dennis, E.A., and Brown, C.R. 8th Annual LIPID Metabolites and Pathways Strategy (MAPS) Meeting, La Jolla, CA. May, 2011.

“Lyme Borreliosis in Fish Oil-fed Mice.” **Cunningham, A.M.**, Dumlao, D.S., Wax, L.E., Norris, P.C., Hughes-Hanks, J.M., Halpin, R., Lett, K.M., Blaho, V.A., Mitchell, W.J., Fritsche, K.L., Dennis, E.A., and Brown, C.R. 27th Annual Missouri Life Sciences Week, Columbia, MO. April, 2011.

“A Comparison of Eicosanoid Profiles in the Lyme Disease-induced and K/BxN Serum Transfer Models of Arthritis.” **Ritzman, A.M.**, Dumlao, D.S., Blaho, V.A., Dennis, E.A., and Brown, C.R. 7th Annual LIPID Metabolites and Pathways Strategy (MAPS) Meeting, La Jolla, CA. May, 2010.

“Eicosanoid Profiles in the K/BxN Serum Transfer Model of Arthritis.” **Ritzman, A.M.**, Dumlao, D.S., Blaho, V.A., Dennis, E.A., and Brown, C.R. 33rd Annual Phi Zeta Research Day, Columbia, MO. May, 2010.

“Eicosanoid Profiles in the K/BxN Serum Transfer Model of Arthritis.” **Ritzman, A.M.**, Dumlao, D.S., Blaho, V.A., Dennis, E.A., and Brown, C.R. 26th Annual Missouri Life Sciences Week, Columbia, MO. April, 2010.

“Lyme Borreliosis in Fish Oil-fed mice.” **Ritzman, A.M.**, Dumlao, D.S., Wax, L.E., Norris, P.C., Hughes-Hanks, J.M., Halpin, R., Lett, K.M., Blaho, V.A., Mitchell, W.J., Fritsche, K.L., Dennis, E.A., and Brown, C.R. 39th Annual Autumn Immunology Conference, Chicago, IL. November, 2010.

“PGE2 Does Not Resolve Arthritis During Cyclooxygenase-2 Deficiency.” **Ritzman, A.M.**, Blaho, V.A., and Brown, C.R. 25th Annual Missouri Life Science Week, Columbia, MO. April, 2009.

“Eicosanoid Profiles in the K/BxN Serum Transfer Model of Arthritis.” **Ritzman, A.M.**, Dumlao, D.S., Blaho, V.A., Dennis, E.A., and Brown, C.R. 38th Annual Autumn Immunology Conference, Chicago, IL. November, 2009.

“PGE2 Does Not Resolve Arthritis During Cyclooxygenase-2 Deficiency.” **Ritzman, A.M.**, Blaho, V.A., and Brown, C.R. 37th Annual Autumn Immunology Conference, Chicago, IL. November, 2008.

“Nitro-Acinitroalkane Tautomerization.” **Ritzman, A.M.** and Mosher, M.W. Missouri Academy of Science, Joplin, MO. April, 2007.

“Nitro-Acinitroalkane Tautomerization.” **Ritzman, A.M.** and Mosher, M.W. Missouri Academy of Science, Kansas City, MO. April, 2006.

“The Use of Molecular Analyses to Identify Colletotrichum Species.” **Ritzman, A.M.** and Correll, J.C. Argonne National Laboratories Undergraduate Symposium, Argonne, IL. November, 2006.

“Nitro-Acinitroalkane Tautomerization.” **Ritzman, A.M.** and Mosher, M.W. 41st Midwest Regional Meeting of the American Chemical Society, Quincy, IL. October, 2006.

“Nitro-Acinitroalkane Tautomerization.” **Ritzman, A.M.** and Mosher, M.W. Missouri Academy of Science, Kansas City, MO. April, 2005.

“Nitro-Acinitroalkane Tautomerization.” **Ritzman, A.M.** and Mosher, M.W. 40th Midwest Regional Meeting of the American Chemical Society, Joplin, MO. October, 2005.

**HONORS & AWARDS**

T4 Leadership Academy Awardee 2023

Professor of Impact Award (awarded by 7 individual students) 2023

Faculty Excellence Award, Multicultural Communities of Excellence 2023

New College Faculty Awards – Outstanding Service Award Winner 2023

Mentee, Faculty Women’s Association ADVANCE Mentoring Program 2023

ASU SUN Award: Exemplary Service, Demonstrating Leadership, Social embeddedness,

Sun Devil Pride, Supporting Student Success: Pitchfork Pantry | St. Mary’s Food Pantry 2022

ASU SUN Award: Exemplary Service, Innovation, Sun Devil Pride, Valuing Diversity:

 Outreach to prospective and current transfer students at TraIN Mixer 2022

ASU SUN Award: Demonstrating Leadership: Teaching, Innovation, and Excellence 2022

ASU SUN Award: Exemplary Service, Innovation, Sun Devil Pride, Supporting Student Success

 Participation in New College New Faculty Orientation 2022

Alda Center’s Women in STEM Leadership Program 2022

New College Faculty Awards – Outstanding Leadership Award Winner 2022

New College Faculty Awards – Outstanding Service Nominee 2022

New College Faculty Awards – Outstanding Teaching Nominee 2022

Association of American Colleges & Universities Course in Effective Teaching 2020 – 2021

ASU SUN Award: Exemplary Service, Social Embeddedness, Student Success, Valuing Diversity:

 Developing Community Listening Circles for Students in Math & Natural Sciences 2020

ASU SUN Award: Exemplary Service, Social Embeddedness, Sun Devil Pride, Student Success:

 Bringing a Food Pantry to the ASU-West Campus 2020

ASU SUN Award: Exemplary Service, Leadership, Innovation, Student Success

 Outstanding Transition to Distance Learning 2020

ASU SUN Award: Exemplary Service, Leadership, Innovation, Sun Devil Pride, Student Success:

 Supporting Faculty as Lower Division Science Coordinator 2020

ASU SUN Award: Exemplary Service, Leadership, Innovation, Student Success:

 Launce of Labster & Associated Faculty Support During Transition to Distance Learning 2020

ASU SUN Award: Exemplary Service, Leadership, Innovation, Sun Devil Pride, Student Success:

 Leader in the Support of Students & Faculty During Transition to Distance Learning 2020

ASU SUN Award: Exemplary Service, Leadership, Innovation, Sun Devil Pride, Student Success:

Faculty Mentoring Program Development 2020

ASU SUN Award: Exemplary Service, Leadership, Innovation, Student Success:

Devils in the Details 2020

Featured panelist “Devils in the Details: Inside the Fall 2020 Classroom” 2020

Tenure, Tacoma Community College 2018

417 Magazine’s 20 under 30 Recipient 2015

Invited Speaker – Great Plains Infectious Disease Conference 2013

University of Missouri Gregory Fellowship 2008 – 2013

University of Missouri Phi Zeta Research Grant 2012 – 2013

2nd Place Oral Presentation – University of Missouri Phi Zeta Research Competition 2012

University of Missouri Phi Zeta Research Grant 2011 – 2012

University of Missouri Molecular Microbiology & Immunology Departmental Travel Grant 2008

Missouri Southern State University Outstanding Biology Graduate 2008

Missouri Southern State University Honor’s College 2004 – 2008

Missouri Southern State University Evan’s Scholarship 2004 – 2008

Missouri Southern State University Dean’s List 2004 – 2007

University of Arkansas Adair Undergraduate Research Fellowship 2006

Missouri Southern State University Spanish Scholarship 2005 – 2006

**TEACHING LOAD**

*All of the courses listed below included both lecture and lab sections for which I was the instructor. Unless specified, classes were taught in-person. Numbers indicate credit hours.*

*Missouri Southern State University, Northeastern Oklahoma A&M College, Glendale Community College, Western New Mexico University, and Arizona State University run on a semester schedule (2 semesters/instructional year); Tacoma Community College runs on a quarter schedule (3 quarters/instructional year)*

Spring 2014 (Missouri Southern State University)

Bio 101 General Biology 4

Bio 101 General Biology 4

Summer 2014 (Northeastern Oklahoma A&M College)

Biol 2114 Essentials of Anatomy & Physiology 4

Fall 2014 (Missouri Southern State University)

Bio 121 Anatomy & Physiology 1 5 (double section)

Bio 121 Anatomy & Physiology 1 5 (double section)

Bio 121 Anatomy & Physiology 1 5 (double section)

Spring 2015 (Missouri Southern State University)

Bio 121 Anatomy & Physiology 1 5 (double section)

Bio 121 Anatomy & Physiology 1 4

Bio 121 Anatomy & Physiology 1 4

Bio 121 Anatomy & Physiology 1 4

Summer 2015 (Missouri Southern State University)

Bio 231 General & Medical Microbiology 5

Bio 499 Independent Research in Biology 1

Fall 2015 (Tacoma Community College)

Biol&260 General Microbiology 5

Biol&260 General Microbiology 5

Biol&175 Human Biology w/ lab 5

Winter 2015 (Tacoma Community College)

Biol&260 General Microbiology 5

Biol&260 General Microbiology 5

Biol&160 Cellular Biology 5

Fall 2016 (Tacoma Community College)

Biol&260 General Microbiology 5

Biol&260 General Microbiology 5

Biol&175 Human Biology w/ lab 5

Winter 2017 (Tacoma Community College)

Biol&260 General Microbiology 5
Biol&260 General Microbiology 5

Biol&175 OL Human Biology w/ lab (**ONLINE**) 5

Spring 2017 (Tacoma Community College)

Biol&260 General Microbiology 5

Biol&260 General Microbiology 5

Biol&175 Human Biology w/ lab (I-BEST learning community) 5

Fall 2017 (Tacoma Community College)

Biol&160 General Cell Biology 5

Biol&160 General Cell Biology 5

Biol&260 General Microbiology 5

Winter 2018 (Tacoma Community College)

Biol&260 General Microbiology 5

Biol&260 General Microbiology 5

Biol&160 General Cell Biology 5

2018 (Tacoma Community College)

Biol&260 General Microbiology 5

Biol&260 General Microbiology 5

Biol&175 Human Biology w/ lab 5

Fall 2018 (Glendale Community College)

Bio 205 Microbiology 9 (double section)

Bio 205 Microbiology 9 (double section)

Fall 2018 (Western New Mexico University)

Biol 490 Undergraduate Research 1

Spring 2019 (Glendale Community College)

Bio 205 Microbiology 9 (double section)

Bio 205 Microbiology 9 (double section)

Spring 2019 (Western New Mexico University)

Biol 474 Virology (**HYBRID**) 4

Biol 490 Undergraduate Research 1

Fall 2019 (Arizona State University – West)

Bio 181 lecture General Biology I 2

Bio 181 lab General Biology I 1

Bio 181 lab General Biology I 1

\*course release for administrative duties

\*\*curriculum coordinator for BIO 181 lecture & lab

Spring 2020 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

Bio 181 Lab General Biology I 1

Bio 181 Lab General Biology I 1

Bio 182 Lab General Biology II 1

\*\*curriculum coordinator for BIO 181 lecture & lab

Spring 2020 (Western New Mexico University)

Biol 474 Virology (HYBRID) 4

Fall 2020 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

Bio 181 Lecture General Biology I 2

LSC 547 Lecture Integrative Biology I 1

LSC 555 Lab Integrative Biology Lab 1

\*\*curriculum coordinator for BIO 181 lecture & lab

Spring 2021 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

Bio 181 Lab General Biology I 1

Bio 181 Lab General Biology I 1

\*Course release for administrative duties

\*\*curriculum coordinator for BIO 181 lecture & lab

Fall 2021 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

Bio 181 Lab General Biology I 1

\*Course release for administrative duties

\*\*Curriculum coordinator for BIO 181 lecture & lab

Spring 2022 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

Bio 182 Lab General Biology II Lab 1

\*Course release for administrative duties

\*\*Curriculum coordinator for BIO 181 lecture & lab

Fall 2022 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

\*Course release for administrative duties

\*\*Curriculum coordinator for BIO 181 lecture

Spring 2023 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

LSC 394 STEM Success 1

\*Course release for administrative duties

\*\*Curriculum coordinator for BIO 181 lecture

Fall 2023 (Arizona State University – West)

Bio 181 Lecture General Biology I 2

LSC 294 STEM Success 1

BIO 390 Modes of Biological Thought 1

\*Curriculum coordinator for BIO 181 lecture