

Yuan Zhao, Ph.D.

CURRICULUM VITAE

November 2022

EDUCATION:

- 2003-2007 **Ph.D. in Microbiology and Immunology**
Department of Microbiology and Immunology
School of Medicine, University of Louisville, Louisville KY
Field of Study: Autoimmune Regulation
- 1999-2003 **B.S. in Biology Science**
School of Life Sciences, East China Normal University, Shanghai China

TRAINING/CERTIFICATE:

- 2022-Present **Texas Academic Leadership Academy (TALA) Fellow**
Texas Council of Chief Academic Officers (TCCAO)
Expected Completion: July 2023
- 2014 **Regulatory Affair Essentials**
University of California San Diego, San Diego CA
- 2008-2011 **Postdoctoral Fellow**
Division of Immune Regulation
La Jolla Institute for Allergy and Immunology, La Jolla CA
Field of Study: Viral Immunity, Adjuvant Design

PROFESSIONAL POSITIONS:

- 2022-Present **Acting Chair**
Department of Molecular and Cellular Biology
College of Osteopathic Medicine (SHSUCOM)
Sam Houston State University, Conroe TX
- 2021-2022 **Curriculum Co-Director**
College of Osteopathic Medicine (SHSUCOM)
Sam Houston State University, Conroe TX
- 2019-Present **Associate Professor of Microbiology and Immunology (Tenure Track)**
Department of Molecular and Cellular Biology, SHSUCOM
Sam Houston State University, Conroe TX
- 2016-2019 **Associate Professor of Microbiology and Immunology**
Department of Pharmaceutical Sciences
Sullivan University College of Pharmacy and Health Sciences (SUCOPHS)
Louisville KY
- 2011-2016 **Assistant Professor of Microbiology and Immunology**
Department of Pharmaceutical Sciences

INSTRUCTION:

SHSUCOM, Conroe TX

2022- Present	Course Director, <i>Hematopoietic System</i> (4 credits, OMS1)
2022- Present	Lecturer and TBL Facilitator, <i>Microbiology and Immunology</i> (9 credits, OMS1)
2020-2021	TBL Facilitator, <i>Scientific Foundation I</i> (4 credits, OMS1)
2020-Present	Lecturer, <i>Skin, Muscular, and Skeletal System</i> (6 credits, OMS1)
2020-Present	Lecturer, <i>Renal and Hematology System</i> (6 credits, OMS2)
2020-Present	Lecturer, <i>Gastrointestinal System and Nutrition</i> (6 credits, OMS2)
2020-Present	Lecturer, <i>Life Cycle</i> (6 credits, OMS2)
2019-2022	Course Director and Lecturer, <i>Immune System and HEENT</i> (6 credits, OMS1)
2019-2022	Lecturer and TBL Facilitator, <i>Scientific Foundation II</i> (4 credits, OMS1)

SUCOP, Louisville KY

2017-2019	Mentor, SUCOPHS Teaching Certificate
2015-2019	Preceptor, Advanced Pharmacy Practice Experiences (APPE) - Research
2015-2019	Course Director, <i>Clinical Microbiology and Antibiotic Basics</i> (3 Credits, PY1)
2014-2018	Course Director and Sole Lecturer, <i>Immunology</i> (3 credits, PY1)
2013-2018	Lecturer, <i>Aromatherapy</i> (2 credits, PY2 Elective)
2013-2019	Preceptor, APPE - Academic Pharmacy
2012-2018	Lecturer, <i>Wilderness Medicine</i> (2 credits, PY2 Elective)
2011-2017	Course Director, <i>Pharmaceutical Biotechnology</i> (2 Credits, PY1)
2011-2014	Course Director and Sole Lecturer, <i>Introduction to Pharmacogenomics</i> (1 credit, PY2)
2011-2013	Course Director and Sole Lecturer, <i>Microbiology and Immunology</i> (4 Credits, PY1)

PUBLICATIONS:

1. Austin Reynolds, Ritvik Bhattacharjee, **Yuan Zhao**. Current Status of Immunology Education in US Medical Schools. *ImmunoHorizon*. (Accepted)
2. Oluwaseun Olaiya, Travis Hyatt, Alwyn Mathew, Shawn Staudaher, Zachary Bachman, **Yuan Zhao**. Building Connections Between Biomedical Sciences and Ethics for Medical Students. *BMC Medical Education*. 2022, 22:829
3. Wasana Sumanasekera*, **Yuan Zhao***, Samantha Lozier, Alekya Veldhi. Design and Evaluation of Scholarship and Research Orientation Sessions in Academic Pharmacy Practice. *J Med Educ Curric Dev*. 2021 Jan-Dec; 8: 23821205211014897. *co-first author
4. **Yuan Zhao**, Lynn Fuller, Kimberly Daugherty. A Qualitative Study of Evaluating Pharmacy Faculty Perceptions on Empathy in Education. *Curr Pharm Teach Learn*. 2021 Aug;13(8):975-981.
5. Guomin Jiang, Juan Yun, Henry J Kaplan, **Yuan Zhao**, Deming Sun, Hui Shao. Vaccination with circulating exosomes in autoimmune uveitis prevents recurrent intraocular inflammation. *Clin Experiment Ophthalmol*. 2021; 49(9): 1069- 1077. doi:10.1111/ceo.13990
6. Nu Chen, Jun Wu, Jingrui Wang, Niloofar Piri, Feilan Chen, Tong Xiao, **Yuan Zhao**, Deming Sun, Henry J. Kaplan, Hui Shao. Short chain fatty acids inhibit endotoxin-induced uveitis and inflammatory responses of retinal astrocytes. *Experimental Eye Research*. 2021 Feb 20; 206:108520. doi: 10.1016/j.exer.2021.108520.

7. **Yuan Zhao**, Kim Elder. Evaluating pharmacy student perceptions and effectiveness of procrastination prevention events. *Curr Pharm Teach Learn*. 2020 May;12(5):570-576.
8. **Yuan Zhao**, Dana Ho, Benjamin Oldham, Bonnie Dong, Daniel Malcom. Current Status of Immunology Education in US Schools and Colleges of Pharmacy. *Am J Pharm Educ*. 2019 Sep; 83(7): 6994.
9. **Yuan Zhao**, Pascale Alard and Michelle M. Kosiewicz. High Thymic Output of Effector CD4+ Cells May Lead to a Treg : T Effector imbalance in the periphery in NOD mice. *J Immunol Res*. 2019; 2019:8785263.
10. Yun Juan, Tong Xiao, Lei Zhou, Roger W Beuerman, Juanjuan Li, **Yuan Zhao**, Amir Hadayer, Xiaomin Zhang, Deming Sun, Henry J Kaplan, Hui Shao. Local S100A8 is correlated with the recurrence of experimental autoimmune uveitis and promotes pathogenic T cell activities. *Invest Ophthalmol Vis Sci*. 2018 Mar 1;59(3):1332-1342
11. Yun Juan, Guomin Jiang, Tong Xiao, Yunsong Wang, **Yuan Zhao**, Deming Sun, Henry J Kaplan, Hui Shao. The HMGB1-CXCL12 complex promotes inflammatory cell infiltration in uveitogenic T cell-induced chronic experimental autoimmune uveitis. *Front. Immunol*. 2017, 8:142
12. Guomin Jiang, Yunsong Wang, Juan Yun, Amir Hajrasouliha, **Yuan Zhao**, Deming Sun, Henry J Kaplan, Hui Shao. HMGB1 release triggered by the interaction of live retinal cells and uveitogenic T cells is Fas/FasL activation-dependent. *Journal of Neuroinflammation*. 2015, 12:179
13. **Yuan Zhao**, Vikas Tahiliani, Shahram Salek-Ardakani, Michael Croft. Targeting 4-1BB (CD137) to enhance CD8 T cell responses with poxviruses and viral antigens. *Front Immunol*. 2012; 3:332
14. **Yuan Zhao**, Michael Croft. Dispensable role of 4-1BB and 4-1BBL in development of vaccinia virus-specific CD8 T cells. *Immunol Lett*. 2012 Jan 30;141(2):220-6.
15. **Yuan Zhao**, Yan Fei Adams, Michael Croft. Preferential replication of vaccinia virus in the ovaries is independent of immune regulation through IL-10 and TGFb. *Viral Immunology*. 2011 Oct; 24(5): 387-96
16. Colleen F. Tucker, Doreen L. Nebane-Ambe, Anita Chhabra, Sarah A. Parnell, **Yuan Zhao**, Pascale Alard, Michele M. Kosiewicz. Decreased frequencies of CD4⁺CD25⁺Foxp3⁺ cells and the potent CD103⁺ subset in peripheral lymph nodes correlate with autoimmune disease predisposition in some strains of mice. *Autoimmunity*. 2011. 44(6): 453-64.
17. **Yuan Zhao**, Carl De Trez, Rachel Flynn, Carl Ware, Michael Croft, and Shahram Salek-Ardakani. The Adaptor Molecule MyD88 Directly Promotes CD8 T cell Responses to Vaccinia Virus. *J. Immunol.*, 2009. 182(10): 6278-86.
18. Shuang Liang, Pascale Alard, **Yuan Zhao**, Sherry L. Clark, Sarah Parnell and Michele M. Kosiewicz. CD4⁺CD25⁻ cells conversion into CD4⁺CD25⁺ regulatory T cells *in vivo* requires B7 co-stimulation, but not the thymus. *J. Exp. Med.*, 2005. 201(1): 127-137.

PUBLICATIONS IN PREPARATION/SUBMISSION:

1. Amber Sechelski, Ritvik Bhattacharjee, Austin Reynolds, Mary Manis, **Yuan Zhao**. Analysis of Student Perceptions of a Newly Developed Integrative System Course Model. *Medical Science Educator*. (In submission)

2. **Yuan Zhao**, Timothy Bauler, Samina Kbar, Erin McClelland, Margaret Bauer, Jessica Chacon. Emerging Topics of Microbiology and Immunology in US Medical Curriculum. (National collaborative project. In preparation)
3. Ritvik Bhattacharjee, Austin Reynolds, Ranjini Nagaraj, Lilian Zhan, Laura Knittig, **Yuan Zhao**. Evaluating the Effectiveness of a Student-Led SoTL Interest Group in Medical School. (In preparation)
4. Rebecca Andrews-Dickerson, Ranjini Nagaraj, Lilian Zhan, Laura Knittig, **Yuan Zhao**. Developing Strategies to Improve Team-Based Learning in Medical School (In preparation)

OTHER PUBLICATIONS:

1. Purna Patel, Sierra George, **Yuan Zhao**, Kim Elder. Does Procrastination Pay? Pulses. Currents in Pharmacy Teaching and Learning Scholarly Blog. October 2, 2018.
2. **Yuan Zhao**, Lynn Fuller. Teaching with Heart: Empathy in the Classroom. Pulses. Currents in Pharmacy Teaching and Learning Scholarly Blog. April 10, 2018.
<https://cptlpulses.com/2018/04/10/empathy/>

ABSTRACTS:

1. Austin Reynolds, Ritvik Bhattacharjee, **Yuan Zhao**. Immunology Education in U.S. Undergraduate Medical Curriculum. The IAMSE Annual Conference, Denver, CO, June 4-7, 2022
2. **Yuan Zhao**, Oluwaseun Olaiya. Biomedical Sciences and Ethics and Humanities, Building Connection for Deeper Learning in Undergraduate Medical Curriculum. The IAMSE Annual Conference, Denver, CO, June 4-7, 2022 (oral presentation)
3. Amber Sechelski, **Yuan Zhao**. Analysis of Student Perceptions of a Newly Developed Integrative System Course Model. The IAMSE Annual Conference, Denver, CO, June 4-7, 2022
4. Ritvik Bhattacharjee, Austin B. Reynolds, **Yuan Zhao**. Developing an Osteopathic Medical Student-Led Scholarship of Teaching and Learning Interest Group. Educating Leaders 2022, The AACOM Annual Conference, Denver, CO, April 27-29, 2022
5. **Yuan Zhao**, Oluwaseun Olaiya. Building a Mini Biomedical Ethics Curricular Thread in an Immunology Course in Undergraduate Medical Curriculum. AAI Annual Conference, May 10-15, 2021 (virtual conference)
6. Kevin Lord, **Yuan Zhao**, Diego Alvarez, Townes Leigh Jr, Candace Walkley, Sharon Gustowski, Arwen Meador. An Innovative Design of a Longitudinal Research/EBM Curricular Thread Focusing on Rural and Underserved Health. AACOM Annual Conference, April 21-23, 2021 (virtual conference)
7. **Yuan Zhao**, Mary Manis, Hatem Elshabrawy. Developing A Novel Multi-System Integrated Course for Osteopathic Medical School Curriculum. IAMSE Annual Meeting, June 13-16, 2020 (virtual conference)

8. **Yuan Zhao**, Lynn Fuller, Kimberly Daugherty. A Qualitative Study of Evaluating Pharmacy Faculty Perceptions on Empathy in Education. AACP Annual Meeting, Chicago, IL July 13-18, 2019
9. Purna Patel, Sierra George, **Yuan Zhao**, Kimberly Elder. Evaluating Procrastination Prevention Events as An Effective Study Tool for Pharmacy Students. 2018 ASHP Midyear Clinical Meeting, Anaheim, CA December 3-7
10. Benjamin Oldham, Aisha Zuberi, Christy Settle, Lindsey Morris, **Yuan Zhao**. Perceived Benefits in Increasing Students' Exposure to Advanced Immunotherapy through Providing an Immunotherapy Elective. 2017 ASHP Midyear Clinical Meeting, Orlando, FL December 3-7
11. Jessica Thomson, Meredith Huff, **Yuan Zhao**, Kimberly Elder. Evaluating Pharmacy Student Perceptions and Efficacy of Procrastination Prevention Events. 2017 ASHP Midyear Clinical Meeting, Orlando, FL December 3-7
12. **Yuan Zhao**, Samiha Hindi, Thanh Lan Nguyen. Predictors of Performance of Students in a Biomedical Science Course in PharmD Curriculum. AACP Annual Meeting, Nashville, TN July 16-19, 2017
13. **Yuan Zhao**, Myhanh Nguyen, Trung Bui. Students' preference and perspective on interactive learning strategies employed in a biomedical science course in PharmD curriculum. AACP Annual Meeting, Anaheim, CA July 23-27, 2016
14. Kimberly Daugherty, **Yuan Zhao**, Misty Stutz, Cindy Stowe. Predictors of NAPLEX Performance in an Accelerated Program. AACP Annual Meeting, Anaheim, CA July 23-27, 2016
15. Guomin Jiang, Yunsong Wang, **Yuan Zhao**, Jinhui Wu, Deming Sun, Henry J Kaplan, Hui Shao. CXCL 12 is a chemoattract induced by HMGB1 in T cell induced uveitis (tEAU). ARVO Annual Meeting, Denver, CO May 3-7, 2015
16. **Yuan Zhao**, Dana Ho. Redesigning an Immunology Course for Healthcare Professional Programs, The 3rd Annual Meeting of the KENTUCKY Chapter of the American Physiological Society, Louisville, KY March 23, 2015
17. Emily R. Esposito, T. Sean Boyle, Michael L. Smith, Maria Lourdes Ceballos-Coronel, Gopalakrishna Pillai, David B. Cleary, **Yuan Zhao**, Ajoy Koomer, Wasana Sumanasekera. Wilderness Medicine: Expanding the Horizons of Pharmaceutical Science Elective Courses. AACP Annual Meeting, Pharmacy Education 2014, Grapevine, TX July 26-30, 2014
18. Dana Ho, Maria Lourdes Ceballos-Coronel, Tara Nguyen, **Yuan Zhao**. Immunology Education in US Colleges and Schools of Pharmacy Curriculum. AACP Annual Meeting, Pharmacy Education 2014, Grapevine, TX July 26-30, 2014
19. Abeer M. Al-Ghananeem, Sarah Baltzley, **Yuan Zhao**, Maria Coronel. Kinetics and mechanism of apomorphine hydrolysis. AACP 2013 annual meeting, Chicago, IL July 26-30, 2013
20. Emily R. Esposito, Michael L. Smith, Maria L. Coronel, JoAnn Klein, David Cleary, Ajoy Koomer, Neil Patel, **Yuan Zhao**, Hieu T. Tran. Aromatherapy Science: Enhancing the "Essence" of Pharmaceutical Science Elective Courses. AACP 2013 annual meeting, Chicago, IL July 26-30, 2013
21. **Yuan Zhao**, Maria Lourdes Ceballos-Coronel, Ajoy Koomer, Abeer Al-Ghananeem, Hieu Tran. Improvement of Academic Performances in a Pharmacy Didactic Course with the Initiation of Competency-Based Assessment. AACP 2013 annual meeting, Chicago, IL July 26-30, 2013

22. **Yuan Zhao**, Vikas Tahliliani, Shahram Salek-Ardakani and Michael Croft. Targeting 4-1BB to enhance CD8 T cell responses with VACV and viral antigens. Autumn Immunology Conference 2012, Chicago, IL November, 16-19, 2012 (Oral Presentation)
23. **Yuan Zhao**, Shahram Salek-Ardakani and Michael Croft. Targeting 4-1BB Enhances the Efficacy of VACV Vaccines Regulating the Protective Capacity of Memory CD8 T cell Populations. LIAI retreat 2010, Lake Arrowhead, CA December 6-8, 2009.
24. **Yuan Zhao**, Carl De Trez, Rachel Flynn, Carl Ware, Michael Croft, and Shahram Salek-Ardakani. The Adaptor Molecule MyD88 Directly Promotes CD8 T cell Responses to Vaccinia Virus. AAI 2009, Seattle, Washington, May 8-12, 2009.
25. **Yuan Zhao** and Michael Croft. Paradoxical regulation of vaccinia virus specific CD8 responses by 41BB. LIAI retreat 2009, Lake Arrowhead, CA April 1-3, 2009.
26. **Yuan Zhao**, Pascale Alard, Sarah Parnell, Michele M Kosiewicz. Provision of "normal" antigen presenting cells reconstitutes the ability of NOD mice to support conversion of CD4⁺CD25⁻ cells into functional CD4⁺CD25⁺ regulatory cells. Research! Louisville 2007, Louisville, KY October 12-16, 2007.
27. **Yuan Zhao**, Pascale Alard, Sarah Parnell, Michele M Kosiewicz. Defect in Conversion of CD4⁺CD25⁻ Cells to CD4⁺CD25⁺ Treg Cells in NOD mice Resides in the APC. NIH National Graduate Student Research Festival, Bethesda, MA October 11-13, 2007.
28. **Yuan Zhao**, Pascale Alard, Sarah Parnell, Leanore Gross, Michele M Kosiewicz. The defect in CD4⁺CD25⁻ cells conversion into CD4⁺CD25⁺ regulatory cells in NOD mice can be rescued by treatment with "normal" antigen presenting cells. AAI 2007, Miami beach, Miami, May 18-22, 2007.
29. **Yuan Zhao**, Pascale Alard, Sarah Parnell, Leanore Gross, Michele M Kosiewicz. Failure of NOD CD4⁺CD25⁻ cells to convert into functional CD4⁺CD25⁺ regulatory cells is due to a defect in NOD APC function. Keystone Symposia "Regulatory cells", Vancouver, British Columbia, Feb 1 - 6, 2007.
30. **Yuan Zhao**, Pascale Alard, Sarah Parnell, Michele M Kosiewicz. Mechanism(s) responsible for the defect in the maintenance of peripheral CD4⁺CD25⁺ regulatory T cells in NOD mice. AAI meeting 2006, Boston, MA, May 12-16, 2006.
31. **Yuan Zhao**, Pascale Alard, Sarah Parnell, Michele M Kosiewicz. The failure of NOD mice to maintain peripheral CD4⁺CD25⁺ regulatory cells is due to a defect in the ability of NOD mice to convert CD4⁺CD25⁻ cells into CD4⁺CD25⁺ cells. Keystone Symposia "Tolerance, autoimmunity and immune regulation", Breckenridge, CO, March 21-26, 2006.
32. Michele M. Kosiewicz, Shuang Liang, **Yuan Zhao**, Sherry L. Clark and Pascale Alard. Requirements for conversion of CD4⁺CD25⁻ cells into CD4⁺CD25⁺ regulatory cells *in vivo*. Experimental Biology 2005, San Diego, CA, April 2-6, 2005.
33. **Yuan Zhao**, Shuang Liang, Pascale Alard, Michele M Kosiewicz. CD4⁺CD25⁻ cells from NOD mice cannot convert into CD4⁺CD25⁺ regulatory cells *in vivo*. AAI meeting. San Diego, CA. 2005: A346

PLATFORM PRESENTATIONS:

1. **Yuan Zhao**, Oluwaseun Olaiya. Biomedical Sciences and Ethics And Humanities, Building Connection For Deeper Learning In Undergraduate Medical Curriculum. The IAMSE Annual Conference, Denver, CO, June 4-7, 2022
2. **Yuan Zhao**, Oluwaseun Olaiya. Building a Mini Biomedical Ethics Curricular Thread in an Immunology Course in Undergraduate Medical Curriculum. AAI Annual Conference, May 10-15, 2021 (selected for Block Symposium presentation)
3. **Yuan Zhao**, Candace Walkley, Kevin Lord. A Pathway for Developing Content Blueprinting Strategy for the Curriculum of Osteopathic Medical School. Paper presented at the annual meeting of the Southwest Educational Research Association (SERA). February 2021
4. **Yuan Zhao**, Gadeer Habani. Making Biomedical Science More Meaningful for Pharmacy Students: A Reflection of a Course Quality Improvement Journey. Midwest Teacher and Scholar Retreat, Louisville, KY. November 2018
5. **Yuan Zhao**, Lynn Fuller. Uncovering the Secretes of Successful Teaching. Midwest Teacher and Scholar Retreat, Fort Wayne, IN. November 2017
6. **Yuan Zhao**. Wisdom for Growth. Shanghai Jinshan High School Alumni Forum, Shanghai, China. June 2017
7. **Yuan Zhao**. Monoclonal Antibody Therapy ABCs for Pharmacists. 2016 Kentucky Society of Healthcare Pharmacists (KSHP) Fall Meeting, Louisville, KY. October 2016
8. **Yuan Zhao**. From basics to application: challenges and solutions for antibody therapy education for future pharmacists. 8th Annual International Congress of Antibodies, Dalian, China. April 2016
9. **Yuan Zhao**. Targeting 4-1BB to enhance CD8 T cell responses with VACV and viral antigens. Autumn Immunology Conference 2012, Chicago, IL. April 2012
10. **Yuan Zhao**. Function of anti-4-1BB mAb in enhancing protection efficacy of VACA vaccine. Institute of Biomedical Sciences, East China Normal University, Shanghai, China. April 2012

AWARDED GRANTS:

1. Source: IAMSE-ScholarRx Curriculum Development Grant
Project title: Biomedical Sciences and Ethics and Humanities, Building Connection for Deeper Learning in Undergraduate Medical Curriculum
Role: Principal Investigator
Award Amount: \$3180.00
Date: 03/30/2022-5/31/2025
2. Source: IAMSE-ScholarRx Educational Research Grant Program for Students
Project title: Developing a Student-Led Research Interest Group of Scholarship of Teaching and Learning (SoTL)
Role: Faculty Advisor (Student Investigators: Battacharjee R, Reynolds A)
Award Amount: \$2500.00
Date: 04/30/2022-5/31/2025
3. Source: SHSU Interdisciplinary Collaboration Program
Project title: Developing Virtual Interactive Patient System (VIPS) in a Virtual Reality Environment for Instructors and Students in Medical and Health Care Education

Role: Principal Investigator (Co-PI: Song D, Olaiya K)

Award Amount: \$18,883.00

Date: 03/01/2022-2024

4. Source: SHSU-COM Research Grant Award
Project Title: Developing a Scholarship of Teaching and Learning Research Group at Sam Houston State University College of Osteopathic Medicine
Role: Faculty Advisor (Student Investigators: Battacharjee R, Reynolds A)
Award Amount: \$5000.00
Date: 08/03/2021-08/02/2023
5. Source: SHSU-COM Research Grant Award
Project Title: Developing and Evaluating an Innovative Integrative Immune System and HEENT Course in Osteopathic Medical School Curriculum
Role: Principal Investigator
Award Amount: \$5,000.00
Date: 08/03/2020-08/02/2023
6. Source: SUCOP Internal Grant RG-I-PS_2015-03
Project Title: Surveying Perceptions and Roles of the PhD Educators in Teaching-Focused Colleges and Schools of Pharmacy in U.S.
Role: Principal Investigator
Award Amount: \$1,228.50
Date: 07/08/2015-07/07/2019
7. Source: SUCOP Internal Grant RG-I-PS_2015-04
Project Title: Identify the Role of An Endogenous Danger Signal Molecule in Chemotaxis of Inflammatory Cells in An Organ-Specific Autoimmune Disease
Role: Principal Investigator
Award Amount: \$6,395.40
Date: 07/08/2015-07/07/2019
8. Source: Kentucky Science and Engineering Foundation's R&D Excellence Program KSEF-3109-RDE-017
Project Title: Identify the Mechanisms of HMGB1 in the Contribution of Ocular Inflammation in Autoimmune Uveitis
Role: Principal Investigator (Co-PI: Shao H)
Award Amount: \$30,000
Date: 07/01/2014-06/30/2015
9. Source: SUCOP Internal Grant RG_I_PS_2012-06
Project Title: Identify the role of endogenous danger signal HMGB1 in the initiation of autoimmune uveitis
Role: Principal Investigator
Award Amount: \$10,988
Date: 02/01/2013-02/01/2015
10. Source: SUCOP Internal Grant RG-I-PS_2012_04
Project Title: EGFR-targeted curcumin-loading liposomes for pancreatic cancer treatment
Role: Co-Principal Investigator (PI: Le U)
Award Amount: \$9,500
Date: 12/04/2012-12/04/2014
11. Source: SUCOP Internal Grant RG_I_PS_2012-03

Project Title: Does cigarette smoke cause modulation of inflammatory cytokine production in cardiac progenitor cells?

Role: Co-Principal Investigator (PI: Sumanasekera W)

Award Amount: \$10,100

Date: 11/01/2012-11/01/2014

REVIEWER ACTIVITIES:

2022 IAMSE Annual Conference Focus Session Review

2020-present Medical Science Educator

2020-present IAMSE Annual Conference Abstract Review

2020 Southern Education Research Association Proposal Review

2014-present Currents in Pharmacy Teaching and Learning

2014-present American Journal of Pharmacy Education

2011-2019 AACP New Investigator Award Grant Program

HONORS AND AWARDS:

1. Gold Award of Inaugural Class of SHSU-COM Interviewer - recognized for highest level of contribution for Class of 2024 interview
2. Finalist for the Chapter Achievement, The Rho Chi Society, 2019
3. AACP Teacher of the Year 2019 - Nomination by students based on teaching excellence, recognized at the college award ceremony and AACP national meeting
4. AACP Teacher of the Year 2016 - Nomination by students based on teaching excellence, recognized at the college award ceremony and AACP national meeting
5. Ruth L. Kirschstein National Research Service Awards F32 from National Institute of Allergy and Infectious Diseases (NIAID) 2010-2011 - selected by NIAID to support research training of highly promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields based on scientific and technical merit of the proposed project, full annual stipend coverage for trainee for three years.
6. The Graduate Dean's Citation for The Year 2007 from University of Louisville - nomination by mentor and department based on academic and research merits
7. Stipend from National Institutes of Health (NIH) National Graduate Student Research Festival 2007 - selected by NIH based on academic and research merits to receive a \$1,000 travel award
8. National Institute of Allergy and Infectious Diseases (NIAID) Travel Scholarship from Keystone Symposia, "Tolerance, Autoimmunity and Immune Regulation". 2006 - selected by NIAID based on academic and research merits to receive a \$1,000 travel award
9. Integrated Programs in Biomedical Sciences (IPIBS) Fellowship from University of Louisville 2003-2005 - a financial assistance package consisting of an annual stipend of \$20,000, health insurance and full tuition coverage

PROFESSIONAL SOCIETIES:

2020-present Member, Association of Professors of Human and Medical Genetics (APHMG)

2020-present Member, American Association of Colleges of Osteopathic Medicine (AACOM)
 2020-present Member, National Rural Health Association (NRHA)
 2020-present Member, The International Association of Medical Science Education (IAMSE)
 2004-present Member, The American Association of Immunologists (AAI)
 2011-2019 Member, The American Association of College of Pharmacy (AAPC)
 2012-2019 Member, The American Society for Microbiology (ASM)
 2013-present Member, The Rho Chi Society
 2013-present Member, The American Society of Physiology Kentucky Chapter (ASP)
 2016-2019 Member, The Kentucky Society of Health-System Pharmacists (KSHP)

PROFESSIONAL SERVICE: (Leadership Positions in Bold)

2022-present Member, Academic Review Panel
 2021-present Member, IAMSE Annual Conference Planning Committee
 2021-present Member, IAMSE GRIPE Planning Committee
 2021-present Faculty Advisor, SHSUCOM Asian Pacific American Medical Student Association
 2020-2021 Faculty Advisor, SHSUCOM Rio Grande (Green) Learning Community
2020-present Chair, SHSUCOM Faculty Evaluation System Committee
 2019-2020 Member, SHSUCOM Learning Community Task Force
 2019-2020 Member, SHSUCOM Curriculum Mapping Sub-Workgroup
 2019-2020 Member, SHSUCOM Hiring Committee for Biochemistry/Nutrition Faculty
2019-2020 Chair, SHSUCOM Faculty Assembly
 2019-present Member, SHSU Faculty Senate Faculty Affairs Committee
2019-2020 Faculty Senate representing SHSUCOM
 2019-2020 Member, SHSUCOM Faculty Evaluation and Promotion and Tenure Committee
 2019-2020 Member, SHSUCOM Hiring Committee for Physiology Faculty
 2019-2021 Lead, Curriculum Delivery Subcommittee under Curriculum Committee
 2019-present Member, SHSUCOM Curriculum Committee
 2018-2019 Member, Innovations in Teaching Committee, Biological Sciences Section, AAPC
2017-2019 Chair, SUCOP Curriculum Transformation Task Force
 2017-2019 Member, SUCOP Faculty SoTL Curriculum
2017-2019 SUCOP Faculty Secretary
2017 Faculty Delegate for AAPC
 2017 **Mentor, AAPC Assessment SIG Mentoring Program**
2017 Chair, Assistant Dean of Experiential Education Search Committee
 2016-2019 Faculty Advisor, The Rho Chi Society Delta Kappa Chapter
 2016-2019 Member, SUCOP Academic Progression and Ethics Committee
 2016-2019 Member, SUCOP Admission Committee
 2016 Member, Assistant/Associate Dean of Student Affairs Hiring Committee
 2016 Alternate Faculty Delegate for AAPC
 2015-2019 Member, SUCOP Resident Research Subcommittee
 2015-2016 Member, SUCOP Planning Committee
 2015-2016 Member, SUCOP Interprofessional Education Ad Hoc Committee
 2014-2015 Member, SUCOP Professionalism Advancement Committee
2013-2016 Chair, SUCOP Curriculum and Program Assessment Committee
2012-2013 Chair, SUCOP Curriculum Committee
 2013 Member, SUCOP ACE (Assessment, Curriculum and Experiential Education) Task Force
 2012 Member, SUCOP Research Task Force
 2012 Member, 5th Annual Nanotechnology and Nanomedicine Symposium Organizing Committee
 2012-2017 Member, SUCOP E-Portfolio Task Force
 2011-2013 Member, SUCOP Program Assessment Committee
 2011-2012 Member, SUCOP Curriculum Committee
 2004-2005 Vice President of Chinese Student and Scholar's Association (CSSA),

	University of Louisville, Kentucky
2000-2002	Vice President of Student Union, School of Life Sciences, East China Normal University, Shanghai, China
2000-2001	Class President, School of Life Sciences, East China Normal University, Shanghai, China