

CURRICULUM VITAE

Xinping Yue

Current Title: Assistant Professor

Business Address: Department of Physiology
School of Medicine
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Education:

1990–1995 M.D., Beijing Medical University, P. R. China

1995–2000 Ph.D., Anatomy and Cell Biology, University of Iowa (Thesis advisor: Robert J. Tomanek, Ph.D.)

Postdoctoral Training:

2001–2003 Postdoctoral Associate, Department of Biology, Massachusetts Institute of Technology (Laboratory of Dr. Robert D. Rosenberg)

2003–2005 Postdoctoral Fellow, Department of Pathology and Laboratory Medicine, University of Wisconsin-Madison (Laboratory of Dr. Alan C. Rapraeger)

2006–2008 Postdoctoral Fellow, Section of Pulmonary Diseases, Critical Care and Environmental Medicine, Tulane University Health Sciences Center (Laboratory of Dr. Joseph A. Lasky)

Academic, Professional, and Research Appointments:

2009 – June 2011 Assistant Professor of Research, Department of Medicine, Section of Pulmonary Diseases, Critical Care and Environmental Medicine, Tulane University Health Sciences Center

2011 – April 2017 Assistant Professor of Research, Department of Physiology, School of Medicine, Louisiana State University Health Sciences Center

May 2017 – Assistant Professor (tenure-track), Department of Physiology, School of Medicine, Louisiana State University Health Sciences Center

Membership in Professional Organizations:

Consortium for Functional Glycomics

American Physiological Society

Society for Glycobiology

Coalition for Pulmonary Fibrosis

American Thoracic Society

Awards and Honors:

1998, 1999, 2000 AAA (American Association of Anatomist) Student Travel Awards.

1999 Runner-up, AAA (American Association of Anatomist) Langman Award for the best scientific paper (platform) given by a graduate student
2004–2005 American Heart Association Postdoctoral Fellowship, Award No. 0420026Z
2006–2007 NIH postdoctoral training grant T32 HL007973
2011 SAFMR (The Southern Section - American Federation for Medical Research)
SSCI (The Southern Society for Clinical Investigation) Young Faculty Award

TEACHING EXPERIENCE AND RESPONSIBILITIES

Course Directorships:

Physiology Journal Club (PHYSIO 290)

Spring/Fall 2012 - 2014

LSUHSC Department of Physiology

Role: Director

Duties: Schedule weekly graduate student journal club; discuss latest scientific advances; instruct graduate students on proper interpretation and analysis of scientific findings.

Nursing Pathophysiology (HLSC 3410 and HLSC 6410)

Spring/Fall 2012 - 2014

LSUHSC School of Nursing and School of Allied Health

Role: Co-Director

Duties: Work with Director Dr. Barry Potter on all aspect of the course; develop and present Respiratory Pathophysiology Lecture Block; develop exam materials and proctor examinations.

Seminar in Physiology (PHYSIO 299)

Fall 2014 - Spring 2016

LSUHSC Department of Physiology

Role: Director

Duties: Schedule weekly invited seminars; instruct students on proper introduction of speakers and moderation of questions; evaluate student seminar report.

Nursing Human Physiology (HLSC 2410)

Fall 2016 - Fall 2017

LSUHSC School of Nursing and School of Allied Health

Role: Co-Director

Duties: Work with Director Dr. Lisa Harrison-Bernard on all aspect of this course; develop and present lectures on Immunity: Innate & Adaptive Immune Response and CV: Blood and Hemostasis; develop exam materials and proctor examinations.

General and Oral Physiology (DHY 3202)

Spring 2017

Role: Co-Director

Duties: Work with Director Dr. Robert Siggins on all aspect of this course; develop and present lectures on the respiratory system; develop exam materials and proctor examinations.

General and Oral Physiology (DHY 3202)

Spring 2018 - present

Role: Director

Duties: Responsible for all aspects of this course; develop and present lectures on the respiratory system; develop exam materials and proctor examinations.

Formal Course Responsibilities (36 Lecture hours/year)

School of Medicine

Biological Systems (INTER 132 and PHTH 7122)

Spring 2012-present (5 hours/year)

Lectures: Diffusion
Gas Transport in the Blood
Acid-Base balance
Non-Respiratory Functions of the Lung
Control of Breathing

Exams: Develop multiple choice exam questions.

School of Nursing and School of Allied Health

Pathophysiology (HLSC 3410 and HLSC 6410)

Spring/Fall/Winter 2011-present (18 hours/year)

Lectures: Infection & Inflammation
Immune System-Related diseases
Atherosclerosis/Vascular Disorders
Shock
Disorder of the Respiratory Systems
Asthma, COPD & Emphysema
Blood Gases

Exams: Develop multiple choice exam questions.

Human Physiology (HLSC 2410)

Spring/Fall 2016-present (4 hours/year)

Lectures: Immunity: Innate & Adaptive Immune Response
Cardiovascular system: Blood and Hemostasis

Exams: Develop multiple choice exam questions.

School of Dentistry

Human Physiology (DENT 1115)

Spring 2019-present (6 hours/year)

Lectures: Respiratory System Function and Structure
Mechanics of Breathing 1
Mechanics of Breathing 2
Diffusion and Ventilation Perfusion
Gas Transport and Exchange
Acid-Base Balance

Exams: Develop multiple choice exam questions.

General and Oral Physiology (DHY 3202)

Spring 2013-present (3 hours/year)

Lectures: Respiratory Physiology

Exams: Develop multiple choice exam questions.

Summer Health Professions Education Program (SHPEP)

2017 Present 1-hour lecture on "Properties of Blood: Plasma, Red Blood Cells, White Blood cells"

Team Up

2017-2018, "Team Up is a two-year longitudinal experience focused on preparing health profession students to become collaborative-practice ready in order to improve the health and health outcomes for the individuals and communities we serve."

Duties: Serving as a faculty facilitator for this program (14 hours per academic year).

Other Teaching Experience:

- 1996 Graduate teaching assistant, Dental Histology, Department of Anatomy and Cell Biology, University of Iowa
- 1997 Graduate teaching assistant, Dental Gross Anatomy, Department of Anatomy and Cell Biology, University of Iowa
- 1998 Graduate teaching assistant, Medical Neuroscience, Department of Anatomy and Cell Biology, University of Iowa
- 1999 Graduate teaching assistant, Gross Anatomy for Physician Assistant and Athletic Training Programs, Department of Anatomy and Cell Biology, University of Iowa

MENTORING:

Undergraduate, Medical, or Graduate Students Trained:

UNDERGRADUATE STUDENTS

Sep 2011 – June 2013, **Linda AuDuong**, Undergraduate Student at Tulane University (currently a medical student at LSU School of Medicine)

Sep 2012 – May 2014, **Elizabeth Hogan**, Undergraduate Student at Tulane University

Fall 2014 – Fall 2015, **Mary Catherine Jessee**, Undergraduate Student at Tulane University (currently a graduate student at the College of William & Mary in Virginia)

Summer 2017, **Simran Gandhi**, Undergraduate student at Louisiana State University, funded by LSUHSC Summer Research Internship Program

Jan 2017 – Aug 2017, **Xin Kai Yang**, Undergraduate Student at Tulane University

Summer 2018, **Camille R. Loy**, Louisiana Tech University, funded by LSUHSC Summer Research Internship Program

Jan 2018 – present, **Charlotte S. Pearson**, Undergraduate Student at Tulane University

HIGH SCHOOL STUDENT

Summer 2015, **Lydia S. Joe**, High school student, funded by LSUHSC Summer Research Internship Program

MEDICAL STUDENT

Fall 2013, **Abdelrahim Abdel**, Medical student at LSU School of Medicine, **Research Rotation**

PH.D. STUDENTS

Fall 2012, **Stephanie R. Gross**, Ph.D. student in the Interdisciplinary (IPD) program at LSUHSC-NO, **Research Rotation**

Fall 2012, **Harshita Chodavarapu**, Ph.D. student in the Department of Pharmacology & Experimental Therapeutics at LSUHSC-NO, **Research Rotation** (currently a Postdoctoral Fellow at Cedars-Sinai Medical Center)

Spring 2015, **Snigdha Mukerjee**, Ph.D. student in the Department of Pharmacology & Experimental Therapeutics at LSUHSC-NO, **Research Rotation**

THESIS AND DISSERTATION COMMITTEES:

2011-2013. **Jessica Bradley**, Ph.D. student in the Department of Physiology at LSUHSC-NO, **Dissertation Committee Member** (Currently an Assistant Professor at University of the Incarnate Word School of Osteopathic Medicine)

POST-DOCTORAL FELLOWS TRAINED

Jan 2011 – Nov 2012, **Jingning Lu**, Ph.D., Project “Role of heparan sulfate 6-O-sulfation in pulmonary fibrosis” funded by R21HL095865 (PI: Yue)

July 2017 – Present, **Joshua Oakes**, Ph.D., Project “Effects of chronic nicotine inhalation on cardiopulmonary function” funded by R01 HL135635 (Multi-PI: Gardner, Lazartigues and Yue)

RESEARCH AND SCHOLARSHIP

Grants and Contracts:

Active:

1 R01 HL135635-01 01/01/2017-11/30/2021
Multi-PI: Jason Gardner, Eric Lazartigues and Xinping Yue
“Chronic nicotine inhalation increases susceptibility to cardiovascular and pulmonary diseases through inhibition of local compensatory mechanisms”
Role: PI

Completed:

0420026Z 01/2004-12/2005
American Heart Association Postdoctoral Fellowship
Principal Investigator: Xinping Yue
“Heparan sulfate regulation of FGF signaling in heart development”
The goal of this project was to examine spatial and temporal changes in heparan sulfate structure during heart development in relation to FGF/FGF receptor binding and signaling.

R03HL096949 05/11/2009-04/30/2011
Principal Investigator: Xinping Yue
“Expression of Heparan Sulfate 6-O-Endosulfatases in Idiopathic Pulmonary Fibrosis”

The goal of this project was to analyze the expression levels and localizations of heparan sulfate 6-O-endosulfatases (Sulf1 and Sulf2) in idiopathic pulmonary fibrosis (IPF). In addition, Glyco-gene array was used to identify other glycogenes altered in IPF.

R21HL095865 04/02/2010-09/30/2013

Principal Investigator: Xinping Yue

"Role of Heparan Sulfate 6-O-Endosulfatase 1 and 2 in Pulmonary Fibrosis"

The goal of this project was to examine TGF- β 1-induced pulmonary fibrosis in systemic Sulf1 and Sulf2 knockout mice in comparison to their wild-type littermates. In addition, primary lung fibroblasts and alveolar type II epithelial cells were isolated and their fibrogenic properties examined *in vitro*.

P20RR018766 07/01/2011-06/30/2013

Principal Investigator: Daniel Kapusta, Ph.D.

"Mentoring in Cardiovascular Biology"

Project 9 -Role of Sulf1 and Sulf2 in Pulmonary Fibrosis

Role: Junior investigator

Louisiana Board of Regent Support Fund

LEQSF(2013-16)-RD-A-06 06/01/2013-05/30/2016

Principal Investigator: Xinping Yue

"Role of heparan sulfate 6-O-sulfotransferases in the development of pulmonary fibrosis"

Non-funded applications (last three years)

15GRNT24480080

American Heart Association Greater Southeast Affiliate Winter 2015 Grant-in-Aid

Date submitted: Jan 2015

Principal Investigator: Xinping Yue

"Sulf regulation of epithelial injury and repair in the lung"

1R21HL133785-01

Date submitted: October 2015

Principal Investigator: Xinping Yue

"Sulf2 Expression in Type II Alveolar Epithelial Cells Regulates Eosinophil Recruitment and Activation in Lung Injury and Fibrosis"

LSUHSC Alcohol & Drug Abuse Center of Excellence pilot grant

Date submitted: April 2016

Principal Investigator: Xinping Yue

"Chronic nicotine inhalation increases susceptibility to cardiovascular and pulmonary diseases through inhibition of local compensatory mechanisms"

1R21HL143098

Date submitted: October 2017

Principal Investigator: Xinping Yue

"Sulf2 is a novel biomarker of ALI/ARDS"

Journal Publications:

Refereed (*Corresponding Author)

1. **Yue X**, Zhou J, and Cheng S. (1996) A comparison of scavenging hydroxyl radical between Zn₇-and Cd₇-metallothionein. **Prog Biochem Biophys.** 23(4): 352-355.
2. Tomanek RJ, Ratajska A, Kitten GT, **Yue X**, and Sandra A. (1999) Vascular endothelial growth factor expression coincides with coronary vasculogenesis and angiogenesis. **Dev Dyn.** 215: 54-61. PMID: 10340756.
3. **Yue X** and Tomanek RJ. (1999) Stimulation of coronary vasculogenesis/angiogenesis by hypoxia in cultured embryonic hearts. **Dev Dyn.** 216: 28-36. (Cover Illustration) PMID: 10474163.
4. **Yue X** and Tomanek RJ. (2001) Effects of VEGF₁₆₅ and VEGF₁₂₁ on coronary vasculogenesis/angiogenesis in cultured embryonic quail hearts. **Am J Physiol.** 280(5): H2240-2247. PMID: 11299227.
5. Tomanek RJ, Lund DD, and **Yue X**. (2003) Hypoxic induction of myocardial vascularization during development. **Adv Exp Med Biol.** 543:139-149. (Review) PMID: 14713119.
6. **Yue X**, Schultheiss TM, McKenzie EA, and Rosenberg RD. (2004) Role of heparan sulfate in dextral heart looping in chick. **Glycobiology** 14(8):745-755. PMID: 15070861.
7. Tomanek RJ, Zheng W, and **Yue X**. (2004) Growth factor activation in myocardial vascularization: therapeutic implications. **Mol Cell Biochem.** 264(1-2):3-11. PMID: 15544030.
8. Dai Y, Yang Y, MacLeod V, **Yue X**, Rapraeger AC, Shriver Z, Venkataraman G, Sasisekharan R, and Sanderson RD. (2005) HSulf-1 and HSulf-2 are potent inhibitors of myeloma tumor growth *in vivo*. **J Biol Chem.** 280(48):40066-73. PMID: 16192265.
9. Feng Y, **Yue X**, Xia H, Bindom SM, Hickman PJ, Filipeanu CM, Wu G and Lazartigues E. (2008) Angiotensin-converting enzyme 2 overexpression in the subfornical organ prevents the angiotensin II-mediated pressor and drinking responses and is associated with angiotensin II type 1 receptor downregulation. **Circ Res.** 102(6):729-36. PMID: 18258853.
10. **Yue X**, Li X, Nguyen HT, Levy DR, Sullivan DE, and Lasky JA. (2008) TGF- β 1 induces heparan sulfate 6-O-endosulfatase 1 expression *in vitro* and *in vivo*. **J Biol Chem.** 283(29):20397-407. PMID: 18503048.
11. **Yue X**, Shan B and Lasky JA. (2010) TGF- β : Titan of Lung Fibrogenesis. **Current Enzyme Inhibition** 6(2):67-77. (Review) PMID: 24187529;PMCID: PMC3812949.
12. **Yue X***, Lu J, Auduong L, Sides MD, Lasky JA. (2013) Overexpression of Sulf2 in idiopathic pulmonary fibrosis. **Glycobiology** 23:709-19. PMID: 23418199; PMCID:PMC3641800. (*Corresponding author)
13. Lu J, Auduong L, White ES, **Yue X***. (2014) Upregulation of Heparan Sulfate 6-O-Sulfation in Idiopathic Pulmonary Fibrosis. **Am J Respir Cell Mol Biol.** 50(1):106-14. PMID: 23962103; PMCID: PMC3930936.
14. Auduong L, Hogan EA, **Yue X***. (2015) Role of Sulf2 in Alveolar Epithelial Injury and Repair. **Ann Am Thorac Soc.** 12(S1):S73-S74. PMID: 25830846.
15. Chodavarapu H, Chhabra KH, Xia H, Shenoy V, **Yue X**, Lazartigues E. (2016) High-fat diet-induced glucose dysregulation is independent of changes in Islet ACE2 in mice. **Am J Physiol Regul Integr Comp Physiol.** 311(6):R1223-R1233. PMID: 27806985.

16. **Yue X***. (2017) Epithelial deletion of Sulf2 exacerbates bleomycin-induced lung injury, inflammation and mortality. **Am J Respir Cell Mol Biol.** 57(5):560-569. PMID: 2865777; PMCID: PMC5705905.
Featured in "Red Alert: November Highlights/Paper by Junior Investigators/NIH News."
17. **Yue X***, Basting TM, Flanagan TW, Xu J, Lobell TD, Gilpin NW, Gardner JD, and Lazartigues E. (2018) Nicotine Downregulates the Compensatory Angiotensin-Converting Enzyme 2/Angiotensin Type 2 Receptor of the Renin–Angiotensin System. **Ann Am Thorac Soc.** 15(S2):S126-S127. PMID: 29676623. (***Corresponding author**)
18. Oakes JM, Fuchs RM, Gardner JD, Lazartigues E, **Yue X***. (2018) Nicotine and the Renin-Angiotensin System. **Am J Physiol Regul Integr Comp Physiol.** 2018 Aug 8. doi: 10.1152/ajpregu.00099.2018. [Epub ahead of print] PMID: 30088946.

Book Chapters:

Tomanek RJ, **Yue X**, and Zheng W. Vascular development of the heart. In: Tomanek RJ, ed. Assembly of the vasculature and its regulation. Springer-Verlag New York, Inc., New York, 2002:133-155.

Published Abstracts:

1. **Yue X** and Tomanek RJ. (1998) Stimulation of vascular growth by hypoxia in cultured embryonic hearts. **FASEB J.** 12(5): A668.
2. **Yue X** and Tomanek RJ. (1999) Hypoxia and VEGF have both similar and disparate effects on coronary vessel formation. **FASEB J.** 13(5): A705.
3. **Yue X** and Tomanek RJ. (2000) VEGF₁₆₅ and VEGF₁₂₁ differentially activate VEGF receptors. **FASEB J.** 14(4): A20.
4. Tomanek RJ, **Yue X**, and Zheng W. (2000) Regulation of coronary vasculogenesis and angiogenesis during development. **Exp. Clin. Cardiol.** 5(1): 50.
5. Rapraeger AC, Allen BL, and **Yue X**. (2004) Global changes in heparan sulfate expression as a regulator of morphogen signaling. **FASEB J.** 18(4): A375. (Abstract #247.1)
6. Rapraeger AC, Allen BL, Ramaswamy R, and **Yue X**. (2004) A ligand and carbohydrate engagement (LACE) assay detects changes in heparan sulfate expression during mouse development. **Glycobiology** 14: abstract 39.
7. Dai Y, Yang Y, MacLeod V, **Yue X**, Rapraeger AC, Shriver Z, Venkataraman G, Sasisekharan R, and Sanderson RD. (2005) Extracellular Endosulfatases (Sulfs) Inhibit Myeloma Tumor Growth In Vivo. **Blood** 2005 106:3386
8. **Yue X**, Li X, Levy DR, Nguyen HT, and Lasky JA. (2007) TGF-β1 induces heparan sulfate 6-O-endosulfatase 1 expression *in vitro* and *in vivo*. **Keystone Symposium, Molecular Mechanisms of Fibrosis: From Bench to Bedside (C5)** March 11 - 15, 2007.
9. Feng Y, **Yue X**, Hickman P, and Lazartigues E. (2007) In-vitro and in-vivo ACE2 gene delivery: evidence for a role in the central regulation of blood pressure. **FASEB J.** 21(6).
10. **Yue X**, Li X, Levy DR, and Lasky JA. (2007) TGF-β1 Induces Sulf1 Expression in Normal Human Lung Fibroblasts. **Glycobiology** 17: abstract 31.

11. **Yue X**, Li X, Nguyen HT, Levy DR, and Lasky JA. (2007) TGF- β 1 induces heparan sulfate 6-O-endosulfatase 1 expression *in vitro* and *in vivo*. America Thoracic Society International Conference 2007: A727.
12. **Yue X**, Guo W, Tian X, Lasky JA. (2008) Transforming Growth Factor- β 1 Induces Heparan Sulfate 6-O-Endosulfatase 2 Expression in A549 Cells. American Thoracic Society International Conference. May 2008. Poster # A196.
13. **Yue X**, White CW, Guo W, Lasky JA. (2008) Transforming growth factor- β 1 induces heparan sulfate 6-O-endosulfatase 2 expression in A549 cells. **Glycobiology** 18: abstract 208.
14. **Yue X**, Guo W, White CW, Lasky JA. (2009) TGF-beta 1 Induces Sulf2 Expression in Alveolar Type II Epithelial Cells. Jan. **Glycobiology Gordon Research Conference**.
15. **Yue X**, Sides MD, Guo W, Lasky JA. (2010) Transforming Growth Factor- β 1 Induces Sulf2 Expression in Type II Alveolar Epithelial Cells. American Thoracic Society International Conference. May 2010.
16. **Yue X**, Hernandez GE, Papp SL, Lasky JA. (2011) Expression of Sulf1 and Sulf2 in idiopathic pulmonary fibrosis. **Journal of Investigative Medicine** 59(2):528 (Abstract 555).
17. **Yue X**, Hernandez GE, Papp SL, Lasky JA. (2011) Expression of Sulf1 and Sulf2 in idiopathic pulmonary fibrosis. American Thoracic Society International Conference. May 2011.
18. Lu J, Lasky JA, **Yue X**. (2012) Heparan sulfate 6-O-sulfation is dynamically regulated in idiopathic pulmonary fibrosis. **FASEB J**. 26:1151.2.
19. Chodavarapu H, Chhabra KH, Shenoy V, Raizada MK, **Yue X**, and Lazartigues E. (2013) ACE2 gene therapy decreases fibrosis in the pancreas of high fat diet-fed mice. **FASEB J**. 27(1).
20. Lu J, Auduong L, White ES, **Yue X**. (2013) Overexpression of Heparan Sulfate 6-O-sulfotransferases in Idiopathic Pulmonary Fibrosis. **Am J Respir Crit Care Med** 187:A3380.
21. Abdel A, Auduong L, Hogan EA, **Yue X**. (2014) An Inducible Sulf Knockout Model To Study The Role Of Sulf2 In Idiopathic Pulmonary Fibrosis. **Am J Respir Crit Care Med** 189:A1999.
22. Lu J, Auduong L, White ES, **Yue X**. (2014) Upregulation of Heparan Sulfate 6-O-Sulfation in Idiopathic Pulmonary Fibrosis. **Proteoglycan Gordon Research Conference**.
23. **Yue X** and Jessee MA. (2016) Expression of Heparan Sulfate and Heparan Sulfate Proteoglycans in Idiopathic Pulmonary Fibrosis. **Am J Respir Crit Care Med** 193:A2433.
24. Fuchs RM, Oakes JM, Basting T, Lobell T, Gilpin N, Gardner J, **Yue X**, and Lazartigues E. (2018) Association of Chronic Nicotine Inhalation with Hypertension in Mice. **FASEB J**. Vol. 32, No. 1_supplement
25. Oakes J, Fuchs RM, Basting TM, Lobell TD, Gilpin NW, Lazartigues E, **Yue X**, and Gardner JD. (2018) Effects of Chronically Inhaled Nicotine on Cardiac Function. **FASEB J**. Vol. 32, No. 1_supplement
26. **Yue X**, Yang XK, Guidry JJ. (2018) Epithelial Deletion of Sulf2 Alters Alveolar Structure and Gene Expression in the Lung. **Am J Respir Crit Care Med** 197:A3808.

Research Review Committee:

2017 Ad Hoc, Lung Injury, Repair, and Remodeling (LIRR) Study Section (NIH)

Invited Presentations and Seminars:

1. **Experimental Biology Annual Conference 2000**
“VEGF₁₆₅ and VEGF₁₂₁ differentially activate VEGF receptors”
2. **Annual Meeting of the Society for Glycobiology 2007**
“TGF- β 1 Induces Sulf1 Expression in Normal Human Lung Fibroblasts”
3. **Southern Regional Meeting of the American Federation for Medical Research and Participating Societies 2011**
“EXPRESSION OF SULF1 AND SULF2 IN IDIOPATHIC PULMONARY FIBROSIS”
4. **Thomas L. Petty Aspen Lung Conference 57th Annual Meeting “Rebuilding the Injured Lung,” June 4-7, 2014**
“Role of Sulf2 in alveolar epithelial injury and repair”
5. **Thomas L. Petty Aspen Lung Conference 60th Annual Meeting “Environment and Global Lung Health: Exposure, Susceptibility and Intervention,” June 7-10, 2017**
“Nicotine Downregulates the Compensatory Angiotensin-Converting Enzyme-2/AT₂R of the Renin-Angiotensin System”
6. **Cardiopulmonary Effects of Nicotine and E-cigarettes Annual Grantee Meeting, NIH, Jan 31, 2018**
“Chronic nicotine inhalation increases susceptibility to cardiovascular and pulmonary diseases through inhibition of local compensatory mechanisms”
7. **Proteoglycan Gordon Research Conference “Proteoglycan in Homeostasis and Disease: Cracking the PG Code,” July 8-13, 2018**
“Epithelial deletion of Sulf2 alters alveolar structure and gene expression in the lung”

Editorial Posts and Activities:

Associate editor – Biomedicine & Pharmacotherapy

Ad-Hoc Journal reviewer:

American Journal of Physiology (AJP): Lung, Cellular and Molecular Physiology

PlosOne

Journal of Histochemistry & Cytochemistry

Alcoholism: Clinical and Experimental Research

Oncotarget

Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease

Clinical Research in Pulmonology

SERVICE ACTIVITIES

University/Institutional Service/LSUHSC:

School of Medicine Committees

2011-present COMMITTEE ON SCHOLARSHIPS and STUDENT AWARDS
2011-present COMMITTEE ON WOMEN'S AFFAIRS
2015-present COMMITTEE ON ACADEMIC STANDARDS
2015-present COMMITTEE ON INTERNATIONAL TRAVEL
2017- Interdisciplinary Program (IDP) Admissions Committee
2018- LSUHSC Internal Grant Review (IGR) Committee

Other LSUHSC services

2011-present Graduate Student Research Day Judge

Departmental Responsibilities:

Departmental webpage update
Director of Physiology Summer Research Program 2017

Regional Committee:

2012 Treasurer of the Association for Women in Science (AWIS) South Louisiana Chapter.

Community Service Activities and Scientific Outreach:

2016-2017 American Physiological Society (APS) K-12 Outreach Volunteer (Physiology Understanding Week; hands on physiological activities for elementary, middle and junior high school students)