

**CURRICULUM VITAE**  
**OSAMA ALI SHOAIR, PH.D.**

**OFFICE ADDRESS**

The University of Texas at Tyler  
Fisch College of Pharmacy  
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Tyler, TX 75799-6600  
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**EDUCATION**

Doctor of Philosophy in Pharmaceutical Sciences August 2008 – May 2013  
Virginia Commonwealth University, Richmond, VA  
Advisor: Patricia W. Slattum

Certificate in Aging Studies August 2009 – May 2013  
Virginia Commonwealth University, Richmond, VA  
Advisor: Patricia W. Slattum

Bachelor of Science in Pharmaceutical Sciences September 2000 – June 2005  
Misr International University, Cairo, Egypt

**POSTDOCTORAL TRAINING**

Postdoctoral Research Fellow October 2014 – January 2016  
Program for Pharmaceutical Economics and Policy Studies  
University of California, San Francisco School of Pharmacy  
Fellowship Director: Leslie Wilson

Postdoctoral Research Fellow July 2013 – May 2014  
Pharmacotherapy Outcomes Research Center  
The University of Utah College of Pharmacy  
Fellowship Director: Joseph Biskupiak

**PROFESSIONAL EXPERIENCE**

Maytee Fisch Professorship in Pharmacy (Endowed Position) May 2024 – Present  
Assistant Professor (Tenure Track) September 2019 – Present  
Clinical Assistant Professor (Non-Tenure Track) June 2016 – August 2019

Fisch College of Pharmacy, The University of Texas at Tyler

**Courses Taught:**

Biostatistics and Clinical Research Methods (PHAR 7274)  
Pharmacoepidemiology and Pharmacoeconomics (PHAR 7377)  
Independent Study – Research Elective in Health Outcomes Research (PHAR 7299)  
Non-Patient Care Research APPE – Health Outcomes Research Rotation (PHAR 7687)  
Integrated Pharmacy 2 (PHAR 7602)  
Integrated Pharmacy 4 (PHAR 7604)  
Integrated Pharmacy 5 (PHAR 7605)  
Integrated Pharmacy 6 (PHAR 7606)  
Integrated Pharmacy 7 (PHAR 7507)  
Pharmacy Practice Skills Laboratory 1 (PHAR 7241)  
Pharmacy Practice Skills Laboratory 2 (PHAR 7242)  
Pharmacy Practice Skills Laboratory 4 (PHAR 7244)  
Pharmacy Practice Skills Laboratory 5 (PHAR 7245)  
Pharmacy Practice Skills Laboratory 7 (PHAR 7247)  
Pharmacy Practice Skills Laboratory 8 (PHAR 7248)

Teaching Assistant

August 2008 – May 2013

Department of Pharmacotherapy and Outcomes Science  
School of Pharmacy, Virginia Commonwealth University

**Courses Taught:**

Pharmacy Skills/Foundations Lab I (PHAR 523)  
Pharmacy Skills/Foundations Lab II (PHAR 524)  
Pharmacy Skills/Foundations Lab III (PHAR 534)  
Pharmacy Skills/Foundations Lab IV (PHAR 535)  
Geriatric Pharmacy Practice (PHAR 762)

Teaching Assistant

September 2005 – July 2008

Department of Pharmacy Practice and Clinical Pharmacy  
College of Pharmacy, Misr International University, Cairo, Egypt

**Courses Taught:**

Clinical Pharmacology (PHL 421)  
Clinical Pharmacy I (PHP 511)  
Clinical Pharmacy II (PHP 512)  
Drug Information and Drug Interactions (PHP 513)

Drug Information Specialist

September 2005 – July 2008

Department of Pharmacy Practice and Clinical Pharmacy  
College of Pharmacy, Misr International University, Cairo, Egypt

Community Pharmacist  
Independent Community Pharmacy, Cairo, Egypt

July 2005 – July 2008

## ENDOWMENTS

Maytee Fisch Professorship in Pharmacy, The University of Texas at Tyler, Fisch College of Pharmacy, \$68,303, May 2024 – August 2025.

## RESEARCH ACTIVITIES

### Grants Received as Principal Investigator

#### Funded

Opioid Prescribing Among Diabetic Peripheral Neuropathy Patients in the United States, The University of Texas at Tyler, Fisch College of Pharmacy, \$6,500, July 2022 – June 2023.

Comparison of Students' Performance Using Online vs. Face-to-Face Team-Based Learning (with Winter J. Smith), The American Association of Colleges of Pharmacy (AACP) Scholarship of Teaching and Learning (SOTL) Grant, \$3,732, June 2021 – August 2022.

Prevalence and Healthcare Costs of Psychotropic Polypharmacy Among Dementia Patients, The American Association of Colleges of Pharmacy (AACP) New Investigator Award (NIA), \$9,750, March 2021 – August 2022.

Real-World Direct Healthcare Costs of Opioids Among Patients with Diabetic Peripheral Neuropathy in the United States 2015-2019, The University of Texas at Tyler, \$10,000, September 2020 – August 2021.

Patterns of Opioid Use in Diabetic Peripheral Neuropathy Patients in the United States (with Takova D. Wallace-Gay), The University of Texas at Tyler Fisch College of Pharmacy, \$5,000, September 2020 – August 2021.

#### Not Funded

Grading Systems and Student Performance in Didactic Courses Using Team-Based Learning (with Takova D. Wallace-Gay), The American Association of Colleges of Pharmacy (AACP) Scholarship of Teaching and Learning (SOTL) Grant, \$3,965, June 2023 – May 2024.

Quality of Life After Deprescribing Proton-Pump Inhibitors in Older Patients, The American Association of Colleges of Pharmacy (AACCP) New Investigator Award (NIA), \$9,945, March 2018 – February 2019.

### **Grants Received as Co-Investigator**

#### **Funded**

Virtual versus Paper-Based Cases to Reinforce the Pharmacists' Patient Care Process (with Jonathan N. Newsome [PI] and Takova D. Wallace-Gay), The American Association of Colleges of Pharmacy (AACCP) Scholarship of Teaching and Learning (SOTL) Grant, \$3,285, July 2018 – June 2019.

Dementia Care Boot Camp: An Interprofessional Education Program for Healthcare Students (with Beth Mastel-Smith [PI], Michelle Kimzey, Jennifer Garner, Takova D. Wallace-Gay, Kathleen Wilson, Rose Guidry, and Eric Stocks), The University of Texas at Tyler Institute for Integrated Healthcare, \$5,000, June 2017 – May 2018.

Risk Factors for the Development of Postoperative Cognitive Dysfunction in Older Adults Undergoing Major Noncardiac Surgery (with Patricia W. Slattum [PI], Chuck J. Biddle, Spencer E. Harpe, Andrew Heck), Virginia Commonwealth University Presidential Research Quest Fund, \$49,874, July 2011 – February 2013.

#### **Not Funded**

The Effect of an Interprofessional Dementia Care Bootcamp on Students' Dementia Care Competency and Empathy (with Beth Mastel-Smith [PI], Rose Guidry, Michelle Kimzey, Jennifer Garner, Takova D. Wallace-Gay, Kathleen Wilson, and Zhaomin He), The Josiah Macy Jr. Foundation, \$35,000, September 2018 – August 2019.

Leader Sites: Advancing Patient Care Through Collaborative Practice Models (with Norman E Fenn III [PI], Pamela Ochoa, and Justin Reinert), American Society of Health-System Pharmacists (ASHP), \$4,759, January 2019 – August 2020.

## **PUBLICATIONS**

### **Peer-Reviewed Manuscripts**

Attarabeen OF, **Shoair OA**, Alkhateeb F, Howitz A, Nord L, Broedel-Zaugg K. Predictors of Stress and Burnout Among Pharmacy Faculty in the United States. Am J Pharm Educ.

2024 Jul 6;88(9):100754. doi: 10.1016/j.ajpe.2024.100754. Epub ahead of print. PMID: 38972637.

**Shoair OA\***. Academic performance among pharmacy students using virtual vs. face-to-face team-based learning. *Ann Med*. 2024 Dec;56(1):2349205. doi: 10.1080/07853890.2024.2349205. Epub 2024 May 13. PMID: 38738408; PMCID: PMC11095281.

*\*Corresponding Author*

**Shoair OA\***, Smith WJ, Abdel Aziz MH, Veronin MA, Glavy JS, Pirtle SJ. Pharmacy students' perceptions and attitudes toward face-to-face vs. virtual team-based learning (TBL) in the didactic curriculum: A mixed-methods study. *Med Educ Online*. 2023 Dec;28(1):2226851. doi: 10.1080/10872981.2023.2226851. PMID: 37343668; PMCID: PMC10286667.

*\*Corresponding Author*

Fenn NE 3rd, **Shoair OA**, Luke JD, Willson M, Aranda J, Deng B. Pharmacy faculty experiences and perceptions of academic dishonesty. *Curr Pharm Teach Learn*. 2023 May 15:S1877-1297(23)00103-X. doi: 10.1016/j.cptl.2023.05.001. Epub ahead of print. PMID: 37198091.

Wooster J, Bethishou L, Gernant SA, On PC, Candelario DM, Uppala A, Mansukhani R, **Shoair OA\***. Methods and Barriers to Communication Between Pharmacists During Transitions of Care. *J Pharm Pract*. 2023 Jun;36(3):548-558. doi: 10.1177/08971900211064154. Epub 2021 Dec 28. PMID: 34963352. *\*Corresponding Author*

**Shoair OA\***, Cook EA, Shipman D, Dunn RL. Antidepressant Target Dose Optimization and Control of Severe Asthma Exacerbations in Uninsured and Underinsured Patients with Anxiety and/or Depression. *Pharmacotherapy*. 2020;10.1002/phar.2374. doi: 10.1002/phar.2374. PubMed PMID: 32060937 *\*Corresponding Author*

Newsome JS, Wallace-Gay TD, **Shoair OA\***. Virtual Versus Paper-based Cases in Reinforcing the Collect and Assess Elements of the Pharmacists' Patient Care Process. *Am J Pharm Educ*. 2020 Jul;84(7):ajpe7806. doi: 10.5688/ajpe7806. PMID: 32773834; PMCID: PMC7405293. *\*Corresponding Author*

Mastel-Smith B, Kimzey M, Garner J, **Shoair OA**, Stocks E, Wallace T. Dementia care boot camp: interprofessional education for healthcare students. *J Interprof Care*. 2019;1- 13. doi: 10.1080/13561820.2019.1696287. PubMed PMID: 31835917.

Lin TK, **Shoair OA**, Tran D, Wilson L. Utilization, Cost, and Pricing Scheme of Compounded Medications for Public Health System Patients: The California Workers' Compensation System, 2011-2013. *J Manag Care Spec Pharm*. 2019;25(7):743-51. doi: 10.18553/jmcp.2019.25.7.743. PubMed PMID: 31232208.

Sharpton RA, Yu FS, **Shoair OA\***. Comparison of pharmacy students' perceptions and attitudes toward spirometry first-hand experience versus paper-based active learning. *Curr Pharm Teach Learn*. 2019;11(2):192-7. Epub 2018/11/24. doi: 10.1016/j.cptl.2018.11.012. PubMed PMID: 30733017. **\*Corresponding Author/Equal Contribution**

**Shoair OA**, Grasso II MP, Lahaye LA, Daniel R, Biddle CJ, Slattum PW. Incidence and risk factors for postoperative cognitive dysfunction in older adults undergoing major noncardiac surgery: A prospective study. *J Anaesthesiol Clin Pharmacol*. 2015;31(1):30-6. Epub 2015/03/20. doi: 10.4103/0970-9185.150530. PubMed PMID: 25788770; PMCID: PMC4353149. **\*Corresponding Author**

**Shoair OA**, Nyandegge AN, Slattum PW. Medication-related dizziness in the older adult. *Otolaryngol Clin North Am*. 2011;44(2):455-71, x. Epub 2011/04/09. doi: 10.1016/j.otc.2011.01.014. PubMed PMID: 21474017.

### **Book Chapters**

Min Y, **Shoair OA**, Slattum PW. Medication-Related Dizziness in the Older Adult In: Gleason AT, Kesser BW. *Dizziness and Vertigo Across the Life Span*. 1st ed. St. Louis, MO: Elsevier; 2018.

### **Invited Presentations**

**Shoair OA**. Comparison of Students' Performance Using Online vs. Face-to-Face Team-Based Learning. American Association of Colleges of Pharmacy Annual Meeting, Grapevine, TX, July 23 –27, 2022.

**Shoair OA**. Deprescribing Medications in Older Patients: Priorities, Challenges, and Barriers. Regional Education on Aging, Caregiving, and Healthcare (REACH) Annual Conference, Longview, TX, October 5-6, 2016.

**Shoair OA**. Risk Factors for Postoperative Cognitive Dysfunction in Older Adults Undergoing Major Noncardiac Surgery, American Society of Anesthesiologists Annual Meeting, San Francisco, CA, October 12-16, 2013

**Shoair OA.** Postoperative Cognitive Dysfunction in Older Adults Undergoing Major Noncardiac Surgery, The Nurse Anesthesia Faculty Associates Annual Conference, Williamsburg, VA, November 5-8, 2012

### **Conference Posters**

Adhikari K, **Shoair OA**, Reed R, Kamal K, Al-Mamun M. Evaluating the Use of Antipsychotic Drug and Incidence of Stroke Among Patients with Dementia in the USA. The Professional Society for Health Economics and Outcomes Research Annual Meeting, Atlanta, GA, May 5-8, 2024.

Al-Mamun MA, Adhikari K, **Shoair OA**. Prevalence and Health Outcomes of Antipsychotic Polypharmacy Among Dementia Patients in the United States. American Association of Colleges of Pharmacy Annual Meeting, Aurora, CO, July 22-26, 2023.

Wooster J, **Shoair OA**, Bethishou L, Mansukhani R, Candelario DM, On PC, Gernant SA, Uppala A. Facilitators and barriers to communication between pharmacists during transitions of care. American Colleges of Clinical Pharmacy Annual Meeting, New York, NY, October 26-29, 2019.

Cook EA, **Shoair OA**, Shipman D, Dunn RL. Association Between Antidepressant Dosing Regimen and Severe Asthma Exacerbations in Patients with Generalized Anxiety and/or Major Depressive Disorder. American Colleges of Clinical Pharmacy Annual Meeting, New York, NY, October 26-29, 2019.

Newsome JS, Wallace-Gay T, **Shoair OA**, Iginla N. Virtual versus Paper-Based Cases to Reinforce the Pharmacists Patient Care Process (PPCP). American Association of Colleges of Pharmacy Annual Meeting, Chicago, IL, July 13-17, 2019.

**Shoair OA.** Impact of a New Grading Scheme on Course Grades in a PharmD Program Using Team-Based Learning. American Association of Colleges of Pharmacy Annual Meeting, Boston, MA, July 21-25, 2018.

Parmentier B, Wallace TD, **Shoair OA**. Pharmacy Students' Perception of Substance Use Disorders after Elective Course. College of Psychiatric and Neurologic Pharmacists Annual Meeting, Indianapolis, IN, April 22-25, 2018.

Turkistani F, Tran D, Lin T, **Shoair OA**, Wilson L. The Cost and Use of Pharmaceuticals in California's Workers' Compensation. Society for Medical Decision-Making Annual Meeting, St. Pittsburgh, PA, October 22-25, 2017.

- Lin T, Tran DM, **Shoair OA**, Huang W, Cao V, Wilson L. What do we pay for compounded drugs? ISPOR 7th Asia- Pacific Conference, Singapore, September 3-6, 2016.
- Wilson L, Lin TK, Cao V, Pham D, Oh A, **Shoair OA**. The Effect of Pricing Regulation on Prescription Frequency of Compounded Drugs and Medical Foods. WHO International Pharmaceutical Pricing and Reimbursement Information (PPRI) Conference, Vienna, Austria, October 12-13, 2015.
- Wilson L, **Shoair OA**, Pham D, Lin T, Cao V. Growing Cost of Compounded Drugs in California Workers' Compensation (CAWC) System. Society for Medical Decision-Making Annual Meeting, St. Louis, MO, October 18- 21, 2015.
- Lin T, Oh A, Pham D, **Shoair OA**, Cao V, Wilson L. Use and Abuse of Medical Foods. American Public Health Association Annual Meeting and Exposition, Chicago, IL, October 31-November 4, 2015.
- Lahaye LA, **Shoair OA**, Grasso II MP, Slattum PW, Biddle CJ, Daniel R, Green JA. Incidence and Risk Factors for Postoperative Cognitive Dysfunction in Older Adults Undergoing Major Noncardiac Surgery. American Society of Anesthesiologists Annual Meeting, San Francisco, CA, October 12-16, 2013.
- Shoair OA**, Grasso II MP, Biddle CJ, Slattum PW. Assessment of Postoperative Cognitive Dysfunction in Older Adults Using a Computerized Neurocognitive Battery. The American Geriatrics Society Annual Scientific Meeting, Grapevine, TX, May 3-5, 2013.

### **TRAINEESHIPS/INTERNSHIPS**

- Value Measurement for Health Care, Harvard Business School, Boston, MA, December 2014
- Professional and Personal Development Program (PPDP), School of Pharmacy, Virginia Commonwealth University, Richmond, VA, September 2012 – May 2013
- American Society of Consultant Pharmacists (ASCP) Parkinson's Disease Pharmacotherapy Traineeship, Parkinson's Disease and Movement Disorders Center, Northwestern University School of Medicine, Chicago, IL, November 2011
- Preparing Future Faculty Program (PFFP), Virginia Commonwealth University, Richmond, VA, August 2008 – December 2009.

### **PROFESSIONAL ORGANIZATIONS**



**Memberships**

American Pharmacists Association, November 2020 – October 2021  
International Society for Pharmacoeconomics and Outcomes Research, April 2020 – Present  
Team-Based Learning Collaborative, December 2017 – November 2019  
American Association of Colleges of Pharmacy, October 2016 – Present  
International Society for Pharmacoeconomics and Outcomes Research, July 2013 – June 2014  
American Society of Consultant Pharmacists, August 2009 - July 2010  
American Association of Pharmaceutical Scientists, April 2009 – March 2010  
American Geriatrics Society, November 2008 – October 2012  
Phi Kappa Phi Honors Society, November 2009 – Present

**EDITORIAL EXPERIENCE****Peer Reviewer**

Journal of the American Pharmacists Association  
Journal of Pharmacy Practice  
Journal of Managed Care & Specialty Pharmacy  
Journal of Epidemiology & Community Health  
Archives of Gerontology and Geriatrics  
American Journal of Pharmaceutical Education  
Currents in Pharmacy Teaching and Learning  
Journal of Epidemiology & Community Health  
Advances in Therapy  
Canadian Medical Association Journal  
Journal of Pharmacy Technology  
Journal of the American Geriatrics Society  
American Journal of Geriatric Pharmacotherapy  
Annals of Pharmacotherapy

**PROFESSIONAL SERVICE****NATIONAL ACTIVITIES**

Reviewer, Walmart Health Equity Scholarship for Pharmacy Students, 2024  
Reviewer, CVS Health/AACP Community Pharmacy Health Equity Award, 2024  
Member, AACP Distinguished Teaching Scholar Award Committee, July 2024 – June 2025  
Member, AACP Institutional Research and Assessment Committee, August 2022 – July 2023  
Faculty Delegate, AACP House of Delegates, November 2021 – October 2022  
Faculty Delegate, AACP House of Delegates, November 2017 – October 2018

Member, Phi Kappa Phi Love of Learning Awards Selection Committee, June 2012 – June 2013

## **UNIVERSITY ACTIVITIES**

### **The University of Texas at Tyler**

Member, Faculty Affairs Committee, September 2021 – August 2023

Member, Student Appeals Committee, September 2020 – August 2021

Member, Faculty Senate, August 2019 – July 2022

Member, Institutional Review Board (IRB), November 2017 – October 2019

### **Virginia Commonwealth University**

Member, University Honor Council Executive Board, August 2010 – May 2013

Mentor, Graduate Student Mentorship Program, November 2010 – April 2011

Member, University Honor Council Hearing Board, August 2009 – July 2010

## **SCHOOL/COLLEGE OF PHARMACY ACTIVITIES**

### **The University of Texas at Tyler Fisch College of Pharmacy**

Member, ACPE Self-Study Subcommittee, March 2024 – Present

Member, Admissions Committee, August 2023 – Present

Member, Search Committee for Director of Admissions, October 2022 – November 2022

Member, Professional and Academic Standards Committee, August 2022 – July 2023

Member, Executive Committee, August 2021 – July 2023

Chair, Faculty Council, August 2021 – July 2023

Member, Admissions Committee, August 2020 – July 2021

Member, Interprofessional Education Committee, August 2019 – July 2021

Chair, Assessment Committee, August 2019 – July 2020

Assessment Consultant, OSCE Committee, March 2018 – July 2019

Member, Co-curriculum Workgroup, April 2018 – July 2018

Member, ACPE Self-Study Subcommittee, July 2023 – September 2023

Member, ACPE Self-Study Subcommittee, May 2022 – October 2022

Member, ACPE Self-Study Subcommittee, August 2020 – March 2021

Co-Chair, ACPE Self-Study Subcommittee, August 2017 – March 2019

Vice Chair, Assessment Committee, August 2017 – July 2019

Member, Admissions Committee, January 2017 – July 2018

### **Virginia Commonwealth University School of Pharmacy**

Founder and Co-Chair, Graduate Student Ambassador Program, August 2011 – May 2013

Graduate Student Member, Promotion and Tenure Committee, September 2010 – November 2010

Vice President, Graduate Student Association, Department of Pharmacotherapy and Outcomes Science, August 2009 – July 2010

### **SCHOOL OF NURSING ACTIVITIES**

#### **The University of Texas at Tyler School of Nursing**

Member, Ph.D. Nursing Student Dissertation Committee (Kelle Howard), March 2017 – November 2020

### **SCHOOL OF MEDICINE ACTIVITIES**

#### **The University of Texas at Tyler School of Medicine**

Member, Evaluation and Assessment Committee, March 2023 – Present

### **HONORS AND AWARDS**

P4 Class of 2022 Teacher of the Year Award Recipient, Fisch College of Pharmacy, The University of Texas at Tyler, July 2022

P4 Class of 2021 Teacher of the Year Award Recipient, Fisch College of Pharmacy, The University of Texas at Tyler, June 2021

Victor A. Yanchick Award awarded annually by the Dean to the graduate student who has achieved the greatest distinction in the areas of scholarship, research, teaching, and service in the Department of Pharmacotherapy and Outcomes Science at Virginia Commonwealth University School of Pharmacy, May 2013

Thesis/Dissertation Assistantship Award from Virginia Commonwealth University Graduate School, December 2012

Golden Key International Honour Society, October 2012.

Certificate of Teaching Excellence from Virginia Commonwealth University Graduate School, December 2009