

Osama A. Shoair, B.Pharm., Ph.D.

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EDUCATION

- Aug 2008 – May 2013 **PhD, Pharmaceutical Sciences, Major: Pharmacotherapy and Outcomes Science**
School of Pharmacy, Virginia Commonwealth University, Richmond, VA
Program Advisors: Patricia W. Slattum, Chuck J. Biddle
- Aug 2009 – May 2013 **Certificate, Aging Studies**
School of Allied Health Professions, Virginia Commonwealth University,
Richmond, VA
Program Advisor: Patricia W. Slattum
- Sep 2000 – Jun 2005 **BS, Pharmaceutical Sciences**
College of Pharmacy, Misr International University, Cairo, Egypt

POSTDOCTORAL TRAINING

- Oct 2014 – Jan 2016 **Postdoctoral Research Fellow**
Program for Pharmaceutical Economics and Policy Studies, Department of
Clinical Pharmacy, School of Pharmacy, University of California, San Francisco
Fellowship Program Director: Leslie Wilson
- Jul 2013 – May 2014 **Postdoctoral Research Fellow**
Pharmacotherapy Outcomes Research Center, College of Pharmacy, The
University of Utah
Fellowship Program Director: Joseph Biskupiak

WORK EXPERIENCE

- Jun 2016 – Present **Clinical Assistant Professor**
Clinical Sciences Department, Ben and Maytee Fisch College of Pharmacy, The
University of Texas at Tyler
Courses Taught:
Applied Biostatistics
Drug Literature Evaluation
Pharmacoepidemiology
Pharmacoeconomics
Geriatric Pharmacotherapy

Key Responsibilities:

- Develop and teach didactic courses in the areas of social, economic, behavioral, and administrative pharmacy, and geriatric pharmacotherapy using team-based learning (TBL)
- Coordinate team-taught integrated pharmacy courses and labs
- Advise pharmacy students regarding their academic progress and professional and personal development
- Engage students in scholarly work and research projects
- Serve as member on the curriculum committee and contribute to integrated curriculum development

Aug 2008 – May 2013

Teaching Assistant

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

Courses Taught:

Pharmacy Skills/Foundations I (PHAR 523)

Pharmacy Skills/Foundations II (PHAR 524)

Pharmacy Skills/Foundations III (PHAR 534)

Pharmacy Skills/Foundations IV (PHAR 535)

Geriatric Pharmacy Practice (PHAR 762)

Key Responsibilities:

- Contributed to the teaching of the geriatric pharmacy practice course
- Led discussion sections, tutorials, and laboratory sections involving therapeutic drug monitoring, patient education, and drug therapy consults
- Evaluated, analyzed, and reviewed students' performance based on various activities and provided them with constructive feedback
- Evaluated students performing essential pharmacy activities including handling prescriptions and dose calculations, communicating with healthcare providers, and conducting patient counseling

Sep 2005 – Jul 2008

Teaching Assistant and Clinical Preceptor

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)

Key Responsibilities:

- Taught topics in pharmacotherapy, drug information, and literature evaluation
- Provisioned pharmacy students while providing evidence-based, patient-centered medication therapy management, reconciliation, and counseling
- Developed new curriculum, teaching techniques, and evaluation methods

- Provided clinical training to pharmacy students at medical sites including community pharmacies, hospital pharmacies, and outpatient clinics

Sep 2005 – Jul 2008

Drug Information Specialist

College of Pharmacy, Misr International University, Cairo, Egypt

Key Responsibilities:

- Managed a drug information center to educate pharmacy students and help clinicians with their drug information questions
- Developed a bi-annual drug information newsletter to supply timely information relevant to healthcare practitioners
- Marketed the drug information center services to healthcare professionals at the university and other community partners
- Evaluated and addressed the needs of the healthcare community through improving current and developing new services

Jul 2005 – Jul 2008

Community Pharmacist

Cairo, Egypt

Key Responsibilities:

- Oversaw pharmacy operations and medication management services
- Recruited and trained new pharmacists
- Managed acutely ill patients
- Built strong relationships between patients and pharmacists
- Developed strategies for implementing and maintaining customer satisfaction
- Planned and tracked pharmacy budget

PEER-REVIEWED PUBLICATIONS

Articles

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. *Journal of Anaesthesiology Clinical Pharmacology*. 2015;31(1):30-36.

Shoair OA, Nyandegge AN, Slattum PW. Medication-related dizziness in the older adult. *Otolaryngologic Clinics of North America*. 2011;44(2):455-471.

Abstracts

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

OTHER PUBLICATIONS

Apr 2010 – Dec 2010 Virginia Health Quality Center (VHQC) Drug Safety Newsletter

Topics Published:

Medication Discontinuation in Older Adults

Managing Medications to Reduce the Risk of Falls in Older Adults

Pain Management in Older Adults

Jan 2006 – Jan 2008 Co-author, Drug Information Newsletter published by the Drug Information Center at Misr International University, Cairo, Egypt

FUNDING/GRANTS

Funding Agency: Presidential Research Quest Fund, Virginia Commonwealth University

Investigators: Osama A. Shoair, Patricia W. Slattum, Chuck J. Biddle, Spencer E. Harpe, Andrew Heck

Title: Risk Factors for the Development of Postoperative Cognitive Dysfunction in Older Adults Undergoing Major Noncardiac Surgery

Duration: Jul 2011 – Feb 2013, **Amount:** \$49,874

CONFERENCE PRESENTATIONS

Oct 2016 Deprescribing Medications in Older Patients: Priorities, Challenges, and Barriers, 25th Annual Regional Education on Aging, Caregiving, and Healthcare (REACH) Conference, Longview, TX, October 5 – 6, 2016

Oct 2013 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

Nov 2012 Postoperative Cognitive Dysfunction in Older Adults Undergoing Major Noncardiac Surgery, The Nurse Anesthesia Faculty Associates Annual Conference, Williamsburg, VA, November 5 – 8, 2012

OTHER PRESENTATIONS

Nov 2009 Discontinuation of Antipsychotics in Older Adults with Dementia
School of Pharmacy, Virginia Commonwealth University, Richmond, VA

Aug 2009 Communicating with Older Adults: A Practical Approach
School of Pharmacy, Virginia Commonwealth University, Richmond, VA

Mar 2009 Risk of Falls Associated with Psychotropic Drugs Use in Older Adults
School of Pharmacy, Virginia Commonwealth University, Richmond, VA

Dec 2008 Drug-Induced Cognitive Impairment by Anticholinergic Drugs in Alzheimer's Disease Patients: A Systematic Review
School of Pharmacy, Virginia Commonwealth University, Richmond, VA

Sep 2006 Communication Skills for Clinical Pharmacists
College of Pharmacy, Misr International University, Cairo, Egypt

CLINICAL ROTATIONS

Nov 2011 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

Aug 2008 – Aug 2009 Geriatric clinical rotations, School of Pharmacy, Virginia Commonwealth University, Richmond, VA

TRAINEESHIPS/INTERNSHIPS

Dec 2014 Value Measurement for Health Care, Harvard Business School, Boston, MA

Sep 2012 – May 2013 Professional and Personal Development Program (PPDP), School of Pharmacy, Virginia Commonwealth University, Richmond, VA

Aug 2008 – Dec 2009 Preparing Future Faculty Program (PFFP), Virginia Commonwealth University, Richmond, VA

PROFESSIONAL MEMBERSHIPS

Oct 2016 – Present	American College of Clinical Pharmacy
Jul 2013 – Present	The International Society for Pharmacoeconomics and Outcomes Research
Aug 2009 – Present	The American Society of Consultant Pharmacists
Nov 2008 – Present	The American Geriatrics Society
Oct 2008 – Present	The American Association of Colleges of Pharmacy

EDITORIAL EXPERIENCE

Jul 2016 – Present	Reviewer - Archives of Gerontology and Geriatrics
Oct 2013 – Present	Reviewer – Advances in Therapy
Jul 2013 – Present	Reviewer – The Canadian Medical Association Journal
Jan 2013 – Present	Reviewer – The Journal of Pharmacy Technology
Jul 2012 – Present	Reviewer – Journal of the American Geriatrics Society
Jul 2012 – Present	Reviewer – The American Journal of Geriatric Pharmacotherapy
Jan 2011 – Present	Reviewer – The American Journal of Pharmaceutical Education
Apr 2010 – Present	Reviewer – Annals of Pharmacotherapy

AWARDS AND HONORS

May 2013	Received Victor A. Yanchick Award given annually 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
Dec 2012	Received Thesis/Dissertation Assistantship Award from Virginia Commonwealth University Graduate School
Oct 2012	Elected to the Golden Key International Honour Society
Dec 2009	Received the Certificate of Teaching Excellence from Virginia Commonwealth University Graduate School
Oct 2009	Elected to the Phi Kappa Phi Honors Society

PROFESSIONAL SERVICE/LEADERSHIP EXPERIENCE

Jun 2012 – Jun 2013	Member, Phi Kappa Phi Love of Learning Award National Selection Committee
Jun 2012 – Aug 2012	Mentored professional pharmacy students conducting clinical research in older patients at Virginia Commonwealth University School of Pharmacy

- Aug 2011 – May 2013 Founder/Co-Chair of the Graduate Student Ambassador Program (GSAP) at Virginia Commonwealth University School of Pharmacy
- Nov 2010 – Apr 2011 Mentored an undergraduate student as part of the Graduate Student Mentorship Program (GSMP) at Virginia Commonwealth University
- Sep 2010 – Nov 2010 Member of the Promotion and Tenure Committee at Virginia Commonwealth University School of Pharmacy
- Aug 2010 – May 2013 Member of the University Honor Council Executive Board, Virginia Commonwealth University
- Aug 2009 – Aug 2010 Member of the University Honor Council Hearing Board, Virginia Commonwealth University
- Aug 2009 – Aug 2010 Vice President of the Graduate Student Association at the Department of Pharmacotherapy and Outcomes Science, Virginia Commonwealth University School of Pharmacy

REFERENCES ARE AVAILABE UPON REQUEST