

Curriculum Vitae

Julianna M. Fernandez, Pharm. D., BCPS, BCGP

WORK ADDRESS

Dept of Pharmacy Practice and Translational Research
College of Pharmacy, University of Houston
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CURRENT ACADEMIC APPOINTMENTS

University of Houston College of Pharmacy Clinical Associate Professor Sept 2018 –
Dept. of Pharmacy Practice and Translational Research
Houston, TX

University of Houston College of Pharmacy Assistant Dept. Chair Feb. 2017 –
Dept. of Pharmacy Practice and Translational Research
Houston, TX

University of Houston College of Pharmacy Clinical Assistant Professor. Aug. 2012-18
Dept. of Pharmacy Practice and Translational Research
Houston, TX

Baylor College of Medicine Adjunct Assistant Professor Feb. 2014 –
Dept. of Medicine, Section of Geriatrics
Houston, TX

PAST ACADEMIC APPOINTMENTS

University of Arizona Clinical Assistant I 2006 – 07
College of Pharmacy Pharmacy Practice and Science
Tucson, AZ

EDUCATION

Washington University in St. Louis Bachelor of Arts 1997 – 2001

University of Houston Doctorate of Pharmacy 2002 – 06
Houston, TX Cum Laude

PROFESSIONAL TRAINING

University of Arizona Pharmacy Practice Residency 2006 – 07

University of Arizona Clinical Pharmacy Scholars Teaching 2006-2007
Certificate Program

American College of Clinical Pharmacy ACCP Academy - Teaching & Learning 2013 – 2014

OTHER WORK EXPERIENCE

Baylor College of Medicine Houston, TX	Research Technician Department of Pediatric Cardiology	Summer 1998 – 99
Washington University School of Medicine St. Louis, MO	Research Assistant Department of Pediatric Cardiology	1999 – 2000
Washington University School of Medicine St. Louis, MO	Research Assistant Department of Pharmacology and Molecular Biology	2000 – 01
Baylor College of Medicine Houston, TX	Research Technician III Department of Pathology	June – Dec. 2001
Polly Ryon Memorial Hospital Cardinal Owen Healthcare Richmond, TX	TSHP R&E Foundation Intern	Summer 2002
University Medical Center Tucson, AZ	Staff Pharmacist – PRN	2006 – 07
University of Arizona Tucson, AZ	Med. Therapy Mngt Pharmacist	2006 – 07
The Methodist Hospital Texas Medical Center Houston, TX	Clinical Specialist I Internal Medicine	2007 – 09
Memorial Hermann Hospital Texas Medical Center Houston, TX	Pharmacy Manager Education and Staff Development	2009 – 11
Memorial Hermann Hospital Texas Medical Center Houston, TX	Supplemental Pharmacist Education and Staff Development	2011 – 12

PROFESSIONAL SOCIETIES

American College of Clinical Pharmacy, Geriatrics PRN Chair Elect	2019 –
American College of Clinical Pharmacy, Geriatrics PRN Secretary/Treasurer	2018 – 2019
American Geriatrics Society, member	2014 – 2017
American Association of Colleges of Pharmacy, member	2012 –
American College of Clinical Pharmacy, member	2007 –
American Society of Health System Pharmacy, member	2012 –
Kappa Epsilon, Upsilon Chapter, member	2002 –
Phi Lamda Sigma, member	2004 –

PROFESSIONAL ACTIVITIES

<i>American College of Clinical Pharmacy</i> Teaching and Learning Certificate Program	2012 – 2014
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<i>American Geriatrics Society</i>	
2016 Meeting Session Proposal Reviewer	2015
<i>American College of Clinical Pharmacy</i>	
Geriatrics PRN Chair	2020 –
Geriatrics PRN Chair Elect	2019 – 2020
Geriatrics PRN Secretary/Treasurer	2018 – 2019
Geriatrics PRN member	2012 –
Content reviewer for the 2014 ACCP Pharmacotherapy Mock Exam	2015
Item writer for the 2017 ACCP Pharmacotherapy Mock Exam	2017
<i>American Association of Colleges of Pharmacy</i>	
Geriatrics Special Interest Group (SIG) member	2015 –
Women Faculty Special Interest Group (SIG) member	2015 –
Geriatrics SIG Webinar planning committee	2016
2016 Walmart Scholars Faculty Mentor	2016
2016 Alternate National Delegate	2016
2017 National Delegate	2017
<i>University of Houston</i>	
Cougar Chair Leadership Academy	2019 – 2020

HONORS/AWARDS

Bernard Barenholtz Scholar	1997 – 2001
Patient Counseling Contest Finalist	2003, 2005
Patient Counseling Contest, 4th place winner	2005
Dean's List Recipient	Fall 2002, Summer & Fall 2005
Golf Tournament Scholarship	2003, 2004
Tam Ngo Scholar	2003
Inducted into Phi Lamda Sigma	2004
Dana Fitzsimmons Scholarship	2004, 2005
Phyllis B. Ginsburg Memorial Scholar	2004
UHCOP Clinical Skills Competition Winner	2004
TPA Student Innovative Project Award Winner	2005
UTHSC Health Care Team Competition 1 st place Winner	2006
Facts and Comparisons Award of Excellence In Clinical Communication	2006
UHCOP Faculty Preceptor of the Year	2015
UHCOP Excellence in Teaching Award	2015

LICENSURES/CERTIFICATIONS

Advanced Cardiac Life Support(ACLS)	
Basic Life Support (BLS)	
Board Certified Pharmacotherapy Specialist	
Certification in Sterile Products, University of Houston College of Pharmacy	
Board Certified Geriatric Pharmacist	
Clinical Pharmacy Scholars Teaching Certificate Program, University of Arizona, College of Pharmacy, Tucson, AZ	
Pharmacy licensure Arizona	
Pharmacy licensure Texas	

UNIVERSITY AND HOSPITAL COMMITTEES

University of Houston College of Pharmacy Committees

Member Representative	Accreditation Committee	2004 – 05
Student Representative	Honor Code Board	2003 – 06
Student Representative	Education Committee	2003 – 05
Student Representative	Dean's Luncheon	2003 – 05
Student Representative	Assessment Committee	2002 – 06

Member	Ambulatory Care Faculty Search Committee	2013
Member	Skills Coordinator Search Committee	2013
Member	Managed Care Faculty Search Committee	2013
Member	Assessment Committee	2012 – 2019
Chair	Experiential Advisory Committee	2013 – 2014
Chair	Drugs and Diseases Subcommittee	2014
Chair	Board of Ethical and Professional Conduct	2014 – 2015
Member	Faculty Excellence Awards Committee	2014
Member	Student Attendance Taskforce	2014
Chair	Assessment Committee	2015 – 2017
Member	PHOP Adhoc Curriculum Committee – Management Sequence	2015 – 2016
Member	Pharmacy Technician Search Committee	2015
Member	Pharmacy Leadership Faculty Search Comm.	2016
Member	UHCOP Self Study – Standards 1 – 4 Comm.	2015 – 2016
Member	UHCOP Advisory Committee for Recruiting	2015 – 2019
Member	Instructional Lab Manager Search Committee	2017
Member	Experiential Advisory Committee	2017 – 2020
Member	Executive Council	2017 – present
Member	Executive Council Leadership	2017 – present
Member	Skills faculty Search Committee x 2	2018
Member	Academic Fellows Search Committee	2018 - present
Member	Instructional Lab Manager Search Committee	2019
Member	University Dean's Review Committee	2019

Washington University in St. Louis Committees

Member	Alumni and Parent Admissions	2004 – 2018
Member	Student Admission Committee	1998 – 2001

Memorial Hermann Hospital Committees

Member	Anticoagulation Taskforce	2011 – 12
Chair	Integrated Pharmacist Program Committee	2011 – 12
Pharmacy Representative	Medication Safety Committee	2012
Pharmacy Representative	Pharmacy/Radiology Radiocontrast Taskforce	2009 – 12

TEACHING EXPERIENCEDidactic*Undergraduate***Principles of Drug Action Phar 2362**

Lecturer

Marijuana	2012 – 14
Cocaine and Amphetamines	2012 – 13
Alcohol	2013 – 14
CNS Pathophysiology	2013 – 14

Professional Pharmacy program (PharmD)

Pharmacotherapeutics II Phar 5581 (Fall)

Course Co-Coordinator and Lecturer	2013 – 2019
Inflammatory Bowel Disease	2012 – 2019
Multiple Sclerosis	2012 – 2015
Systemic Lupus Erythrametosis	2012 – 2019
Non-ICU Delirium	2013 – 2019
Gout/Hyperuricemia	2016 – 2019

Pharmacotherapeutics III Phar 5582 (Spring)

Course Co-Coordinator and Lecturer	2014 – 2019
BPH/Incontinence	2013 –2019
Sickle Cell Anemia	2014 – 2019
Osteoporosis	2014 – 2019

Pharmacy Management I Phar 4260 (Fall)

Lecturer	
Introduction to Hospital Pharmacy	2014 – 2016

Pharmacy Management III Phar 5362 (Spring)

Lecturer	
Disease State Management	2017 – 2018

Pharmacy Practice V Phar 5275 (Spring)

Lecturer	
Pediatric OTC Medications	2013 – 2014
Pediatric OTC medications	2018 -

Pharmacy Skills Program V Phar 5256 (Fall)

Course Coordinator	2013 – 2017
Lab facilitator/lecturer of Sterile products program	2013 – 2019
Sterile Products and Aseptic Technique Orientation	2013 – 2019
Processing IV Orders	2013 – 2019
Parenteral Routes and Infusion Pump Technology	2013 – 2019
Incompatibilities in Sterile Product Compounding	2013 – 2017
Patient Controlled Analgesia	2013 – 2017
Hazardous Drug Preparation	2013 – 2017
Sterile Products Wrap – Up	2013 – 2017
Therapeutics Section Coordinator (since 2013) and Facilitator	2012 – 2017

Pharmacy Skills Program V Phar 5256 (Fall)

Therapeutics Section Coordinator (since 2014) and Facilitator	2012 – 2019
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Pharmacy Skills Program VI Phar 5257 (Spring)

Therapeutics Section Coordinator (since 2014) and Facilitator	2012 – 2019
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Pharmacy Workforce Competency Phaca 6397.1 (Spring)

Course Coordinator and Lecturer	2013 – 2017
Introduction	2013 – 2017
Accreditation Standards and Requirements	2013 – 2017
Identifying Areas for Training and Further Staff Devp.	2013 – 2017
Determining/Defining Goals and Requirements for Staff	2013 – 2017
Standards of Practice in Training and Staff Devp.	2013 – 2017
Keeping Employees Engaged and Up-to-Date	2013 – 2017
Wrapping it Up	2013 – 2017
Onboarding new employees	2019 –

Self-Care & Over the Counter Products Phar 4340

Lecturer	
OTC Medications in Pediatrics and Geriatrics Patients	2019 –

Patient Assessment Phar 4265

Lecturer	
Assessing Patients at Risk for Osteoporosis	2019 –

Pharmacy Skills Program III Phar 5195

Facilitator	
Sterile Product Compounding Labs (6)	2019 –
Lecturer	
Sterile Products and Aseptic Technique Orientation	2019 –
Processing IV Orders	2019 – 2020
Parenteral Routes and Infusion Pump Technology	2019 –

Integrated Gastrointestinal Module Phar 5225

Lecturer	
Inflammatory Bowel Disease	2019 –

Integrated Women/Men's Health Module Phar 5228

Lecturer	
Osteoporosis	2020 –
Benign Prostatic Hyperplasia/Urinary Incontinence	2020 –

Integrated Immunology and Rheumatology Module Phar 5337

Lecturer	
Systemic Lupus Erythematosus	2020 –

Integrated Psychiatry Module Phar 5368

Lecturer	
Delirium	2021 –

Complex Problems Phar 5269

Course Coordinator/Design Team/Lecturer	2021 –
Course Introduction	2021 –

Design Thinking		2021 –
Module Related Skills Lab III 5268		
Facilitator/Content expert		2020 –
Module Related Skills Lab IV 5169		
Facilitator		2021 –
Geriatrics Elective Phar 5206		
Course Coordinator/Design Team/Lecturer		2020 –
Pain Management in the Older Adult		2020 –
Endocrine Disorders in Older Adults		2020 –
<u>Clinical Instructor/Experiential Training</u>		
Internal Medicine The Methodist Hospital	Pharmacy student preceptor (3 months/yr)	2007 – 09
Internal Medicine The Methodist Hospital	Pharmacy resident preceptor (3 months/yr)	2008 – 09
Geriatrics Houston Methodist Hospital	Pharmacy student preceptor (4 – 6 months/yr)	2012 –
Geriatrics Houston Methodist Hospital	Pharmacy resident (PGY1) preceptor (1 month/yr)	2015 –
Academia University of Houston	Pharmacy resident (PGYI) preceptor (8 months/yr)	2016 –
<u>Masters thesis advisor</u>		
Patrick Birney, PharmD MS Pharmacy Administration, UH College of Pharmacy		2013 – 14
Phuoc Nguyen, PharmD MS Pharmacy Administration, UH College of Pharmacy		2014 – 15
Gurbinder Jassar, PharmD MS Pharmacy Administration UHCoP		2015 – 2016
Abhay Patel, PharmD MS Pharmacy Administration UH College of Pharmacy		2015 – 2016
Claire McClain, PharmD MS Pharmacy Leadership & Admin. – UHCOP		2016 – 2017
Andrea White, PharmD MS Pharmacy Leadership & Admin - UHCOP		2017 – 2018
Sarah Redmond, PharmD MS Pharmacy Leadership & Admin – UHCOP		2018 – 2019
Lauren Goldberg, PharmD MS Pharmacy Leadership & Admin – UHCOP		2020 - 2021
<u>Masters thesis committee member</u>		
Amanda Beck, PharmD MS Pharmacy Leadership & Admin – UHCOP		2016 – 2017
Ashley Adams, PharmD MS Pharmacy Leadership & Admin – UHCOP		2016 – 2017
Cindy Adibe, PharmD MS Pharmacy Leadership & Admin – UHCOP		2017 – 2019
<u>Seminar Facilitator</u>		
Ian Walker, PharmD Candidate		2014
Shameel Pattani, PharmD Candidate		2014
Jerod Braschler, PharmD Candidate		2014
Janaye Woods, PharmD Candidate		2014
Amy Lehnert, PharmD Candidate		2014
Etta Meraji, PharmD Candidate		2014

Sara Mueller, PharmD Candidate	2014
Leeda Moheebi, PharmD Candidate	2014
Nghi Bui, PharmD Candidate	2015
Raymond Dong, PharmD Candidate	2015
Yuanli Li, PharmD Candidate	2015
Quratulain Zulfiqar, PharmD Candidate	2015
Jensen Idicula, PharmD Candidate	2016
Tooanh Nguyen, PharmD Candidate	2016
Abigail Kim, PharmD Candidate	2016
Christopher Woolford, PharmD Candidate	2016
Bijal Mehta, PharmD Candidate	2017
Lydia Solis, PharmD Candidate	2017
Sherien Zaid, PharmD Candidate	2017
Rob Suddhi, PharmD Candidate	2018
Dora Rodriguez, PharmD Candidate	2018
Anh Nguyen, PharmD Candidate	2018
Thushara Korattyil, PharmD Candidate	2018
Demi Martinez, PharmD Candidate	2018
Parmida Parvaz, PharmD Candidate	2018
Dain Song, PharmD Candidate	2018
Lan Nguyen, PharmD Candidate	2018
Rafael Andujar, PharmD Candidate	2019
Chien Vu, PharmD Candidate	2019
Mattie Talley, PharmD Candidate	2019
Hong (Kim) Le, PharmD Candidate	2019
Kaycie Rathburn, PharmD Candidate	2020
Kellie Ngo, PharmD Candidate	2020
Sakshi Agarwal, PharmD candidate	2020

Abstracts/Poster Presentations

Birney P, Halfon R, Fernandez J, Masud Faisal, Hai S, and Garey K. 48th Annual ASHP Midyear Clinical Meeting, Orlando, FL. December 8-12, 2013. Reducing Turn-Around Time for First Dose Antibiotics.

Patel AS, Wagner JL, Choi JJ, McCarthy JG, Lopez RI, Fernandez JM, and Hollier LH. 50th Annual ASHP Midyear Clinical Meeting, New Orleans, LA. Decemebr 6-10, 2015. Evaluating Cost Savings and Patient Benefit from the 340B Drug Pricing Program through Expansion of Pediatric Outpatient Pharmacy Services.

Beck A, Tatara A, Felippi R, Ruegger M, Fernandez J, Haines L, Liebl M, Garey K. 51st Annual ASHP Midyear Clinical Meeting, Las Vegas, NV. December 4-8, 2016. Incorporating Pharmacy Services into Ambulatory Care: A Pilot Study

McClain, Claire; Bernhardt, M. Brooke; Liechti, Sara; Bork, Sara; Cheng, Melanie; Winslow, Ryan; Davis, Stephen; Alonzo, Amy; Patel, Binita; Fernandez, Julianna. 51st Annual ASHP Midyear Clinical Meeting, Las Vegas, NV. December 4-8, 2016. Implementation of Pharmacy Student-Led Medication History Program in a Large, Tertiary Pediatric Emergency Center.

Wanat M, Donahue K, Lee M, Herndon B, Lee M, Tucker A, Fernandez, J. SCCM 46th Annual Critical Care Congress. Honolulu, HI. January 21 – 25, 2017. Comparison of a cardiac arrest simulation lab to a paper-based case on student learning and perception

McClain, Claire; Bernhardt, M. Brooke; Liechti, Sara; Bork, Sara; Cheng, Melanie; Winslow, Ryan; Davis, Stephen; Alonzo, Amy; Patel, Binita; Fernandez, Julianna. Texas Pharmacy Association's Texas State Capitol Building during Texas Pharmacy Day at the Capitol in Austin, Texas on February 28th, 2017. Implementation of Pharmacy Student-Led Medication History Program in a Large, Tertiary Pediatric Emergency Center.

Fleming ML, Lewing B, Bapat S, Rege S, Xu Q, Fernandez J. ISPOR 22nd Annual International Meeting. Boston, MA. May 20-24, 2017. Qualitative Study Regarding the Impact of Hydrocodone Rescheduling on Geriatric Pain Management: Prescriber's Perspective.

Cindy Adibe, Shaji Varghese, Krupa Patel, Goldina Erowele, Julianna Fernandez, Kim K. Birtcher. Impact of a Pharmacy-Led Medication History Program in the Emergency Center of a Large, Academic Hospital. Harris Health System, Houston, TX. Texas Society of Health System Pharmacy 2018 Annual Seminar. On April 4, 2018. The Woodlands, TX.

Andrea A. White, Jeffrey Wagner, Julianna Fernandez, Linh Nguyen, Divya Varkey, Juan Carlos Bernini. Leveraging Health System Pharmacy Operations and Drug Cost Savings to Sustain a Remote Clinic. Texas Children's Hospital, Houston, TX. Texas Society of Health System Pharmacy 2018 Annual Seminar. On April 4, 2018. The Woodlands, TX.

Effect of Competitive Longitudinal Advanced Pharmacy Practice Experience on Residency Pursuit and Match Rates. Parna Haghparast, PharmD, BCPS; Julianna M. Fernandez, PharmD, BCPS, BCGP; Nancy Ordonez, PharmD, BCPS; Kimberly A. Nguyen, PharmD; Elizabeth A. Coyle, PharmD FCCM, BCPS; Matthew A. Wanat, PharmD, BCPS, BCCCP, FCCM. University of Houston College of Pharmacy. On July 14th, 2019. Chicago, IL.

Teaching Impact of a Structured Fellowship in Academic Pharmacy at a College Undergoing Curricular Change. Matthew A. Wanat, PharmD, BCPS, BCCCP, FCCM; Julianna M. Fernandez, PharmD, BCPS, BCGP; Divya A. Varkey, PharmD, MS¹; Elizabeth A. Coyle, PharmD, FCCM, BCPS. University of Houston College of Pharmacy, Houston, TX

Publications

Skoglund E, **Fernandez J**, Sherer JT, Coyle EA, Garey KW, Fleming ML, Sofjan AK. Factors that Influence PharmD Students' Intention to Attend Lecture Using the Theory of Planned Behavior. AJPE. Dec 2019; ajpe 7550; DOI: 10.5688/ajpe 7550.

Fernandez J, Thornton JD, Rege S, Lewing B, Bapat S, Xu Q, Fleming ML. Prescribers' perceptions on the impact of hydrocodone rescheduling on geriatric pain management: A qualitative study. J Opioid Manag. Sept/Oct. 2018; 14(5): 317-26.

Das J, **Fernandez J**, Shah D, Williams L and Zagaar M. Case-based studies in teaching medicinal chemistry in Pharm.D. Curriculum: Perspectives of students, faculty and pharmacists from academia. Curr. Pharm. Teach. Learn, 2017; 10(1): 85-89.

Fernandez JM, Tucker AM. Acid-Base Homeostasis and Acid-Base Disorders. ASPEN Fluids and Electrolytes, and Acid-Base Disorders Handbook. 2015.

Wanat MA, Fleming ML, **Fernandez JM**, Garey KW. Education, Training and Academic Experiences of 2012-2013 US College of Pharmacy Faculty Members: A Survey of First-Time Faculty Members. Am J Pharm Educ 2013.

Fernandez JM, Erstad BL, Petty W, and Nix DE. Time to positive culture and identification for *candida* blood stream infections. *Diagnostic Microbiology and Infectious Disease*. Accepted for publication April 2009.

Burns KH, Owens GE, **Fernandez JM**, Nilson JH, and Matzuk MM. Characterization of integrin expression in the mouse ovary. *Biology of Reproduction*. 2002; 67(3): 743-751.

Book Chapters

Adeola M, **Fernandez JM**, Sherer JT. Medication Management in Older Adults with Dementia. *Dementia and Chronic Disease: Management of Comorbid Medical Conditions*. *In press*.

Fernandez JM, Coyle EA. Urinary Tract Infections. *Pharmacotherapy: A Pathophysiologic Approach*, 11th edition. *In press*.

Grants Received

Reed B, **Fernandez JM**, Hatfield C, and Ordonez N. Southeast Texas Geriatrics Workforce Enhancement Grant (SETx-GWEP). (Health Resources & Services Administration) (\$396,702) Duration of funding: 5 years (July 2019 – June 2024)

Tucker AM, **Fernandez JM**. 2015 Teaching Innovation Program Grant. Incorporating Simulation to Create Practice-Ready Pharmacists. (UH Department of Research)(\$25000)

Fernandez JM. 2014 New Faculty Program: Caregiver type and knowledge of medication management for geriatric patients: a prospective study. (UH Department of Research) (\$6000)

Professional Invitations

Career Development Beyond Pharmacy School: What's Next? 2016 Texas Society of Health-System Pharmacy Annual Seminar. Frisco, TX. April 2016.

National Patient Safety Goals: What they mean to you. 2018 Texas Society of Health-System Pharmacy Annual Seminar. The Woodlands, TX. April 2018.

Optimizing Prescribing in Older Adults. 2020 Geriatrics for Primary Care & Hospitalists CME course. Houston, TX. October 2020.

Managing Complex Medication Regimens in Older Adults. 2020 BCM Geriatric Grand Rounds. Houston, TX. December 2020.

Navigating through Polypharmacy in Older Adults. 2021 HCA Houston Healthcare West FM program. Houston, TX June 2021.

Social and Clinical Approach to Pain Management. 2021 South East Texas Opioid Misuse Prevention in Older Adults Virtual Symposium. Houston, TX June 2021.

