

Joshua T. Wollen, PharmD

Clinical Assistant Professor

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Education & Post-Graduate Training

Academic Post-Doctoral Fellowship University of Houston College of Pharmacy, Houston, TX	Aug 2018 – Aug 2019
Doctor of Pharmacy Creighton University School of Pharmacy and Health Professions, Omaha, NE	Aug 2010 – May 2014
Bachelor of Arts, Chemistry Drury University, Springfield, MO	Aug 2005 – May 2009

Academic Appointments

Clinical Assistant Professor University of Houston College of Pharmacy, Houston, TX Skills Lab Faculty	Aug 2019 – Present
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Pharmacy Practice Experience

Attending Pharmacist, Relief Houston Outreach Medicine, Education, and Social services (HOMES) Clinic, Houston, TX	Oct 2018 – Present
Interprofessional Education Preceptor Vecino's Denver Harbor Family Clinic, Houston, TX	Oct 2018 – Aug 2019
Pharmacist Walmart Neighborhood Market Pharmacy #4139, Omaha, NE	May 2014 – June 2018

Certifications and Licensure

Texas State Board of Pharmacy • Registered Pharmacist #63716	Oct 2018 – Present
Nebraska Department of Health and Human Services • Registered Pharmacist #14573	July 2014 – Present
Texas State Board of Pharmacy • Pharmacist Preceptor	Oct 2018 – Present
University of Houston College of Pharmacy • Teaching and Scholarship in Academia Program, teaching certificate	July 2018
American Heart Association • Advanced Cardiovascular Life Support (ACLS)	Sept 2018 – Present
American Pharmacists Association • Pharmacy-Based Immunization Delivery	Oct 2012
American Heart Association • Basic Life Support (BLS)	Sept 2010 – Present

Honors & Awards

Laboratory Innovation and Teaching Excellence Award – Runner Up <i>American Association of Colleges of Pharmacy Lab Instructors Special Interest Group</i>	2022
Social Justice Fellows Program Inductee <i>The Memorial Foundation (formerly MLK Memorial Foundation)</i>	2021
Rho Chi Teaching Excellence Award – PPTR <i>University of Houston College of Pharmacy</i>	2020-2021
Faculty of the Semester – Fall 2020 <i>University of Houston College of Pharmacy</i>	2020
Phi Lambda Sigma Induction, Pharmacy Leadership Society <i>University of Houston College of Pharmacy Upsilon Chapter</i>	2020
IPPE Community Preceptor of the Year <i>Creighton University School of Pharmacy and Health Professions</i>	2017
Phi Lambda Sigma Induction, Pharmacy Leadership Society <i>Creighton University School of Pharmacy and Health Professions Alpha Mu Chapter</i>	2012

Teaching Experience

University of Houston College of Pharmacy, Houston, TX – Didactic Teaching

Integrated Infectious Diseases Module

- Pharmacotherapy – Sexually Transmitted Diseases (2 hours) Fall 2021 – Present

Integrated Immunology Module

- Pharmacotherapy – Osteoarthritis (1 hour) Fall 2020 – Present

Integrated Endocrine Module

- Physical Assessment – Diabetes (1 hour) Spring 2020 – Present
- Self-Care – Diabetes (2 hours) Spring 2020 – Present

OTC/Self-Care

- Diabetes Care (3 hours) Spring 2021 – Present
- Tobacco Cessation (1 hour) Fall 2019
- Heartburn and Dyspepsia (1.5 hours) Spring 2019 – Present
- Sleep Disorders (1.5 hours) Spring 2019 – Present
- Wound Care (1.5 hours) Fall 2018 – Present

Resident Teaching Certificate Program

- Academic Pharmacy Fellowship (1 hour) Fall 2019 – Present

Patient Assessment

- Diabetes Screenings (2 hours) Spring 2019 – Present

Therapeutics I

- Dermatology (3 hours) Spring 2019

Therapeutics II

- Sexually Transmitted Diseases (2 hours) Fall 2018 – Fall 2019

University of Houston College of Pharmacy, Houston, TX – Skills-Based Teaching

Module-Related Skills Lab III (Neurology, Immunology, Infectious Diseases I&II)

- Facilitator (45 hours/semester) Fall 2021 – Present

Pharmacy Skills I (Nonsterile Compounding & Communications)

Fall 2020 – Present

<ul style="list-style-type: none"> • Course Coordinator • Facilitator & content developer (90 hours/semester) 	Spring 2021 – Present
<u>Module-Related Skills Lab II</u> (Endocrine, W&M Health, Cardiology I&II)	
<ul style="list-style-type: none"> • Facilitator (45 hours/semester) 	Spring 2020 – Present
<u>Pharmacy Skills II</u> (Community & Patient Assessment)	
<ul style="list-style-type: none"> • Course Coordinator • Facilitator & content developer (90 hours/semester) 	Fall 2019 – Fall 2020
<u>Module-Related Skills Lab I</u> (Renal, GI, and Respiratory)	
<ul style="list-style-type: none"> • Facilitator & content developer (45 hours/semester) 	Fall 2018 – Fall 2020
<u>Pharmacy Skills III</u> (Sterile Products)	
<ul style="list-style-type: none"> • Facilitator (60 hours/semester) 	Fall 2018
<u>Therapeutics II Skills Lab</u>	
<ul style="list-style-type: none"> • Facilitator (30 hours/semester) 	

Academic and Professional Service

<i>University of Houston College of Pharmacy, Houston, TX</i>	
American Association of Colleges of Pharmacy – Delegate	Fall 2022 – Fall 2023
Diversity, Equity, Inclusion, and Anti-Racism Task Force - Member	Spring 2022 – Present
American Association of Colleges of Pharmacy – Alternate Delegate	Fall 2021 – Fall 2022
Pharm.D. Curriculum Committee – Member	Fall 2020 – Present
College Budget Advisory Committee – Member	Spring 2020 – Present
Information Technology Committee – Member	Fall 2019 – Present
National Community Pharmacists Association – Faculty Advisor	Fall 2019 – Present
Never Generic Podcast – Faculty Advisor	Fall 2019 – Present
<i>American Association of Colleges of Pharmacy (AACCP)</i>	
<i>Health Disparities and Cultural Competence Special Interest Group</i>	
Scholarship Committee – Member	Summer 2021 – Summer 2022
<i>American Association of Colleges of Pharmacy (AACCP)</i>	
<i>Laboratory Instructors Special Interest Group</i>	
Mentoring and Networking Committee – Member	Summer 2022 – Summer 2023
Awards Committee – Member	Summer 2020 – Summer 2021
Nominations Committee – Member	Summer 2019 – Summer 2020
<i>Texas Society of Health-System Pharmacists</i>	
Clinical Practice Committee – Member	Summer 2021 – Summer 2022
Academia Task Force – Member	Summer 2021 – Summer 2022
Ambulatory Care Specialty Education Task Force - Member	Summer 2021 – Summer 2022

Peer-Reviewed Publications

Accepted:

Wanat M, Biju A, DeGracia CM, El-Desoky R, **Wollen JT**, Coyle EA, Fernandez JM, Varkey DA. Academic Pharmacy Fellowship Programs are an Innovative Solution to Improve the Faculty Pipeline. *Am J. Pharm Educ.*

Wollen J, Rosario N, Kiles TM. Training PharmD Students on the Impact of Microaggressions and How to Mitigate Them in a Patient Encounter. *Am J Pharm Educ.*

Published:

Rosario N, **Wollen J**. Tatted not tattered. *J Am Pharm Assoc.* 2022;62(5):1538-1541. DOI: 10.1016/j.japh.2022.06.012

Wollen J, Zhao A, Hinman B, Surati D, Wallace D. Improving Pharmacy Students' Empathy and Attitudes Regarding Opioid Overdose and Substance Use Disorder in a Skills-Based Learning Environment. *Cur Pharm Teach Learn.* 2022; 14(5):604-611. DOI: 10.1016/j.cptl.2022.04.010

Rosario N, **Wollen J**. Professional tress code: I look like a pharmacist. *J Am Pharm Assoc.* 2022;62(2):424-426. DOI: 10.1016/j.japh.2021.11.033

Azad A, Levy J, Kefer E, Loubani L, Brinton M, **Wollen J**. The impact of a pharmacy student-led community naloxone education program in high school, college, and pharmacy students on knowledge, preparedness, and responsiveness in the event of an opioid overdose. *J Am Coll Clin Pharm.* 2022;5:324-331. DOI: 10.1002/jac5.1590

Sulaica EM, **Wollen JT**, Kotter J, MaCaulay TE. A Review of Hypertension Management in Black Patients. *Mayo Clin Proc.* 2020; 95(9):1955-1963. DOI: 10.1016/j.mayocp.2020.01.014

Roy RN, Roy LN, Bodendorfer BM, Downs ZM, Rocchio SD, **Wollen JT**, Stegner JM, Henson IB, Grove NW, Dieterman LA. Buffer standards for the biochemical pH of the zwitterionic bufer N-Tris-(Hydroxymethyl) Methyl-2-aminoethanesulfonic acid (TES) from 5 C to 55 C. *Open J Phys Chem.* 2012;2(1):41-46. DOI: 10.4236/ojpc.2012.21006

Downs ZM, Bodendorfer BM, Henson IB, Roy LN, Roy RN, Veliz JA, **Wollen JT**, Stegner JM. Buffer standards for physiological pH of the buffer N-(2-Acetamido)-2-aminoethanesulfonic acid from 5 C to 55 C. *Open J Phys Chem.* 2011;1(3):118-123. DOI: 10.4236/ojpc.2011.13016

Roy LN, Roy RN, **Wollen JT**, Stegner JM, Harmon MA, Martin MS, Bodendorfer BM, Henson IB. Calculation of the pH of buffer solution 2-[N-Morpholino]ethanesulfonic acid (MES) from 5 C to 55 C. *Open J Phys Chem.* 2011;1(3):77-84. DOI: 10.4236/ojpc.2011.13011

Roy LN, Roy RN, **Wollen JT**, Harmon MA, Stegner JM, Shah AA, Henson IB. Buffer standards for the biological pH of the amino acid N-[2-hydroxyethyl]piperazine-N'-[3-propanesulfonic acid], HEPPS, from (278.15 to 328.15) K. *J Chem Eng Data.* 2011;56(11):4126-4132. DOI: 10.1021/je200629y

Roy LN, Roy RN, **Wollen JT**, Bwashi A, Stegner JM, Downs ZM, Mehrhoff CJ, Bodendorfer BM, Allen KA, Harmon MA, Henson IB. 3-[4-(2-Hydroxyethyl)-1-piperazinyl]propanesulfonic acid (HEPPS) and the pH of its buffer solutions from (278.15 to 328.15) K. *J Chem Eng Data.* 2010;55(3):1327-1332. DOI: 10.1021/je9006508

Roy RN, Roy LN, Denton CE, LeNoue SR, Dunseth CD, Fuge MS, Ashkenazi S, Durden JL, Roy CN, **Wollen JT**, Hayden SM. Buffer standards for the physiological pH of the zwitterionic compound, HEPPSO from 5 to 55 C. *J Soln Chem.* 2009;38(11):1417-1431. DOI: 10.1007/s10953-009-9442-z

Roy LB, Roy RN, Denton CE, LeNoue SR, Roy CN, Ashkenazi S, Fuge MS, **Wollen JT**, Stegner JM, Allen KA, Harmon MA. Buffer standards for the biochemical pH of 3-(N-morpholino)-2-hydroxypropanesulfonic acid from (278.15 to 328.15) K. *J Chem Eng Data.* 2009;54(6):1860-1864. DOI: 10.1021/je800983y

Roy LN, Roy RN, LeNoue SR, Denton CE, Fuge MS, Dunseth CD, Roy CN, Hayden SM, **Wollen JT**, Sreepada K. Buffer standards for the physiological pH of the zwitterionic compound, DIPSO, from 5 to 55 C. *J Soln Chem.* 2009;38(4):459-469. DOI: 10.1007/s10953-009-9379-2

Roy RN, Roy LN, Ashkenazi S, **Wollen JT**, Dunseth CD, Fuge MS, Durden JL, Roy CN, Hughes HM, Morris BT, Cline KL. Buffer standards for pH measurement of N-(2-hydroxyethyl) piperazine-N'-2-ethanesulfonic acid (HEPES) for 1-0.16 mol*kg⁻¹ from 5 to 55 C. *J Soln Chem.* 2009;38(4):449-458. DOI: 10.1007/s10953-009-9378-3

Roy RN, Roy LN, Denton CE, LeNoue SR, Fuge MS, Dunseth CD, Durden JL, Roy CN, Bwashi A, **Wollen JT**, DeArmon SJ. Buffer standards for the physiological pH of 3-[(1,1-dimethyl-2-hydroxymethyl)amino]-2-hydroxypropanesulfonic acid from (278.15 to 328.15) K. *J Chem Eng Data.* 2009;54(2):428-435. DOI: 10.1021/je8004563

Professional Presentations

The State of Community Pharmacy, College of Pharmacy Faculty Clinical Spotlight, University of Houston College of Pharmacy, November 2022

Literature Evaluation Workshop, Never Generic Podcast and Student's College of Clinical Pharmacy, University of Houston College of Pharmacy, November 2022.

Surviving and Combatting Anti-Blackness in the Pharmacy Profession, African Pharmacy Student Association, University of Houston College of Pharmacy, October 2022.

NCPA and the Community Pharmacy Career Path, National Community Pharmacists Association Student Chapter, University of Houston College of Pharmacy, September 2022.

Roles and Responsibility in Community Pharmacy, American Association of Colleges of Pharmacy, Lab Instructors Special Interest Group LITE Award Showcase Webinar, August 2022.

Racism in Healthcare, University of Houston College of Pharmacy, DEIA Seminar Series, June 2022.

Leadership in Pharmacy Roundtable, Creighton University School of Pharmacy and Health Professions, Virtual, March 2022.

Equitable Pharmaceutical Care for Black Patients, African Pharmacy Student Association, University of Houston College of Pharmacy, October 2021.

NCPA and the Community Pharmacy Career Path, National Community Pharmacists Association Student Chapter, University of Houston College of Pharmacy, October 2021.

Institutional Racism in Healthcare, The Memorial Foundation, Virtual, September 2021.

Implementing Active Learning Strategies Involving Patient Counseling Sessions in a Virtual Environment, American College of Clinical Pharmacy Annual Meeting 2021, Virtual, October 2021.

Assessment of Knowledge, Attitudes, and Satisfaction in Pharmacy Students Using a Student-Developed Pharmacy Podcast as a Supplemental Learning Tool to a Didactic Curriculum, American College of Clinical Pharmacy Annual Meeting 2021, Virtual, October 2021.

Assessment of knowledge, comfort, and attitudes regarding counseling of electronic nicotine delivery systems in a community pharmacy setting, American College of Clinical Pharmacy Annual Meeting 2020, Virtual, October 2020.

NCPA and the Community Pharmacy Career Path, National Community Pharmacists Association Student Chapter, University of Houston College of Pharmacy, October 2020.

The Impact of a Pharmacy Student-led Community Naloxone Education Program on Knowledge, Preparedness, and Responsiveness in the Event of an Opioid Overdose, American College of Clinical Pharmacy Annual Meeting 2020, Virtual, October 2020.

NCPA and the Community Pharmacy Career Path, National Community Pharmacists Association Student Chapter, University of Houston College of Pharmacy, October 2019.

Empathy and Confidence in Pharmacy Students in a Skills-Based Learning Environment, American Association of Colleges of Pharmacy Annual Meeting 2019, Chicago, IL, July 2019.

Editorial Services

Journal Peer Reviewer

American Journal of Pharmaceutical Education (AJPE)	Spring 2019 – Present
Journal of the American Pharmacists Association (JAPhA)	Spring 2022 – Present
Journal of the American Society of Health-System Pharmacists (JASHP)	Fall 2022 – Present

PharmD Students Precepted

Isioma Ugezene – Cardiac ICU (Co-preceptor)	Spring 2019
Lauren Overstreet – Cardiac ICU (Co-preceptor)	Spring 2019
Brad Endres – Geriatrics Internal Medicine (Co-preceptor)	Fall 2018
Laura Le – Geriatrics Internal Medicine (Co-preceptor)	Fall 2018
Anthu Nguyen – Community Pharmacy	Summer 2018
Noe Lugo – Advanced Community	Spring 2018
Priya Patel – Advanced Community	Spring 2018
Andrew Pun – Advanced Community	Spring 2018
William Luke – Advanced Community	Fall 2017
Man Nguyen – Advanced Community	Fall 2017
Erin Hohenstein – Advanced Community	Fall 2017
Martin Giles – Advanced Community	Summer 2017
Tho Profera – Advanced Community	Summer 2017
Matthew Tran – Community Pharmacy	Summer 2017
Ethan Corkery – Community Pharmacy	Summer 2017
Jessie Nguyen – Community Pharmacy	Summer 2017
Tamara Ganiko – Community Pharmacy	Summer 2017
Amidou Nabi – Community Pharmacy	Spring 2017
Lily Kha – Community Pharmacy	Spring 2017
William Collins – Community Pharmacy	Spring 2017
Molly Thramer – Community Pharmacy	Spring 2017
Brianna Argubright – Community Pharmacy	Summer 2016
Trent VanTress – Community Pharmacy	Summer 2016
Erin Hohenstein – Community Pharmacy	Summer 2016
Nicole Huynh – Community Pharmacy	Summer 2016
MyLinh Hoang – Advanced Community	Summer 2015
Brittany Stevens – Advanced Community	Summer 2015

Community Service Precepting

Baylor College of Medicine’s Refugee Health Fair	Fall 2022
St. Mary Magdalene Catholic Church Health Fair	Spring 2019
29 th Annual Spring Egg Hunt UH Health Fair	Spring 2019
Thomas A Glazier Senior Education Center Health Fair	Spring 2019
Houston Area Urban League and Texas Children’s Health Fair	Spring 2019
South Shaver Elementary Health Fair	Spring 2019
New Community Baptist Church Health Fair	Fall 2018

Professional & Community-Based Memberships

American College of Clinical Pharmacy	2022 – Present
Houston Area Urban League – Young Professionals	2021 – Present
National Association for the Advancement of Colored People – Houston Branch	2021 – Present
Texas Pharmacy Association	2020 – Present
Black Leadership Network – University of Houston	2020 – Present
American Association of Colleges of Pharmacy	2018 – Present
Phi Lambda Sigma, Pharmacy Leadership Society	2011 – Present
Kappa Psi Pharmaceutical Fraternity, Inc.	2010 – Present

References

Available upon request.