

Cassandra Hanna, PharmD, BCPS

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EDUCATION AND TRAINING

Post-Graduate Year 1 Pharmacy Resident Saint Joseph Hospital SCL Health Denver, CO Residency Director: Norman Kwong, PharmD, BCPS	July 2017-July 2018
Doctor of Pharmacy Regis University School of Pharmacy Denver, CO	May 2017
Doctor of Pharmacy Pre-Requisites Regis University Denver, CO	Aug 2011-May 2013

LICENSE AND CERTIFICATIONS

Board Certified Pharmacotherapy Specialist No. 3158066	Nov 2018
Colorado Residency Program Teaching Certificate	June 2018
Advanced Cardiovascular Life Support (ACLS)	March 2018-Present
CITI Completion Training: Biomedical, HIPS, Good Practice	Aug 2017-Present
Colorado Pharmacist License No. 21849	August 2017-Present
APhA: Delivering Medication Therapy Management	April 2017-Present
Basic Life Support for Healthcare Providers	April 2019-Present
American Pharmacist Association: Certified Immunizer	Sep 2013-Present

PROFESSIONAL WORK EXPERIENCE

Director of Experiential Education and Assistant Professor Regis University School of Pharmacy Denver, CO	December 2022-Present
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Interim Director of Experiential Education and Assistant Professor August 2022- Dec 2022
Regis University School of Pharmacy
Denver, CO

Assistant Director of Experiential Education and Assistant Professor March 2019-August 2022
Regis University School of Pharmacy
Denver, CO
Director of Experiential Education: Christine Feltman, PharmD

Clinical Pharmacist- Per Diem March 2019-Present
Swedish Medical Center HealthONE
Englewood, CO
Pharmacy Director: Jackie McClintic, PharmD, BCPS

Clinical Pharmacist- Per Diem July 2018-July 2021
Saint Joseph Hospital SCL Health
Denver, CO
Supervisor: Norman Kwong, PharmD, BCPS

Clinical Pharmacist July 2018-March 2019
Swedish Medical Center HealthONE
Englewood, CO
Clinical Coordinator: Leah Walter, PharmD, BCPS

Affiliate Faculty Member July 2018-March 2019
Regis University School of Pharmacy
Denver, CO

ACADEMIA EXPERIENCE

Regis University School of Pharmacy

Course Director/Coordinator

Introductory Pharmacy Practice Experience Class (IPPE)

IPPE I	Spring 2020-Present
IPPE II	Fall 2019-Present
IPPE III	Spring 2020-Present
IPPE IV	Fall 2022-Present

IPPE Courses

IPPE IV	Fall 2019-Present
Verbal Exams: On Call Cases	Fall 2017-Present
Interprofessional Simulations: Medical/Surgical Floors	Fall 2019-Present
Interprofessional Simulations: Acute Cardiac Life Support	Fall 2019-Present
IPPE V	Spring 2019-Present

Integrated Pharmacotherapy (IP)

IP 2: Course PHRM 402: Acute Kidney Injury (12 contact hours)	Fall 2019-Present
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IP 2: Course PHRM 402: Hypertension Part I (6 contact hours)	Fall 2016
IP 5: Course PHRM 705: Chronic Kidney Disease (6 contact hours)	Fall 2021
IP 7: Course PHRM 707: Gout (4 contact hours)	Spring 2019
IP 8: Course PHRM 708: Skin and Soft Tissue Infections (8 contact hours)	Spring 2020
IP 10: Course PHRM 710: Viral Hepatitis (8 contact hours)	Fall 2016
IP 10: Course PHRM 712: Sepsis and Shock (6 contact hours)	Fall 2018
IP 12: Course PHRM 712: Issues in the Critically Ill (8 contact hours)	Spring 2018, Fall 2021
IP 12: Course PHRM 712: Toxicology (4 contact hours)	Spring 2020-Present
IP 12: Course PHRM 712: Capstone (4 contact hours)	Spring 2019-Present

Integrated Pharmacy Lab (IL)

IL 1: Course PHRM 721: Blood Pressure Assessment (4 contact hours)	Fall 2019-Present
IL 2: Course PHRM 722: IV Admixtures (4 contact hours)	Spring 2020-Present
IL 3: Course PHRM 723: IV Admixtures (12 contact hours)	Fall 2019-Present
IL 3: Course PHRM 723: IV Admixtures – Lead (20 contact hours)	Fall 2021

Professional Development (PD)

PD 2: Course PHRM 726: Student Seminar (4 contact hours)	Spring 2020-Present
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Pharmacy Residency Prep Elective

PHRM 794: Faculty	Spring 2019-Present
PHRM 794: Interim Course Director and Faculty	Spring 2022

Regis Residency Programs

Regis Affiliated Programs – Interviewer	Spring 2020-Present
- Centura, HealthONE Swedish, and Safeway/Albertsons candidates	
Regis Interim Residency Director	Spring 2022
- Facilitated resident development, coordinated faculty/resident schedules, and organized Regis Affiliated Program interviews and Rank Meetings	
- Completed evaluations and coordinated feedback through PharmAcademic	

Precepting Experience

IPPE I/II- Hospital/Health System (2 students/year)	Fall 2017-Spring 2019
IPPE IV/V- Academia (1 student/semester)	Spring 2019-Present
APPE- Academia (2-3 students/year)	Summer 2019-Present

Interprofessional Education Facilitation Experience

Transitions of Care – Patient Care	Spring 2019-Present
- Rocky Vista University DO/PA Students and Regis pharmacy students	
Clinician Bias – Implicit/Explicit Biases	Spring 2019-Present
- Regis pharmacy, nursing, PT, OT, and DCFT students	

Student Organization Faculty Advisor

Interim Advisor	Spring 2021, Fall 2021
- Student Chapter – American College of Clinical Pharmacy	
Co-Faculty Advisor	
- Student Chapter – Pharmacy Leadership Society – Phi Lambda Sigma	Fall 2022-Present

PEER REVIEWED PUBLICATIONS

Spence, A., Calderon, B., Stratton, J., & **Hanna, C.** Assessment of Addiction/Pain and Neurobiology. Substance Abuse and Addiction Research: Methodology, Mechanisms, and Therapeutics, Edited by Kaye, A. & Urman, R. In Prep.

Spence, A., Shea, L., Kuhlenberg, M., **Hanna, C.**, James, S., & Braun, L. Basic Pharmacology of Nonopioid Substances. Substance Abuse and Addiction Research: Methodology, Mechanisms, and Therapeutics, Edited by Kaye, A. & Urman, R. In Prep.

Whitehead T, Sandoval A, **Hanna C**, Goldwire MA. Correcting Dupuytren's contracture. US Pharm. 2022;478(1): HS-8-HS-12. <https://www.uspharmacist.com/article/correcting-dupuytren-s-contracture>

Hanna, C., Benz J., Fuller, S., Thomas S. Whalen K. Zoom Success in a Virtual IPE Nursing/Pharmacy SIM. Nurse Educator Conference. Platform Presentation. Summer 2021.

Hanna, C., Benz J., Fuller, S., Thomas S. Whalen K., Adapting Interprofessional Acute Care Simulations to a Virtual Platform Book Chapter. Updating and Innovating Health Professions Education. <https://www.igi-global.com/book/handbook-research-updating-innovating-health/264884>. September 2021.

Reid, B., Spence, A., & **Hanna, C.** (2020). A Review of the Gastrointestinal Effects Associated with COVID-19 Infections. Annals of Gastroenterology and Digestive System.

Vasas T, Feltman C, **Hanna C.** Office of Experiential Education Innovation Through COVID-19. AACP Experiential Education Newsletter. Volume 8; 2. Summer 2021.

Hanna, C., Sayre, T., & Spence, A. New Faculty Perspectives at a Jesuit Institution amidst Unprecedented Challenges. Jesuit Higher Education Journal. November 2022.

Maker JH, **Hanna CM**, Huang V, James SF. 2019. Antibiotic Hypersensitivity Mechanisms. Pharmacy. Aug 27;7(3).

James SF, Chahine E, Sucher A, **Hanna C.** 2018. Shingrix: The new adjuvanted recombinant herpes zoster vaccine. Ann Pharmacother 52(7):673-680

Sucher A, James S, **Hanna C.** 2014. Management of Nonoccupational Exposure to HIV. US Pharmacist. April 18; 39(4)

POSTERS AND PRESENTATIONS

Hanna C. Invited Speaker – Belmont University College of Pharmacy. Professionalism in Pharmacy Practice. September 2022.

Hanna, C., Benz J., Fuller, S., Thomas S. Whalen K. Process Improvement: Evaluation of Virtual IPE Nursing/Pharmacy SIM During COVID Peak. RHCHP Research Symposium. Spring 2022

James S, **Hanna C,** and Janoff E. Adults with Down syndrome have attenuated B cell responses to infections. Poster Presentation. RHCHP Research Symposium. Spring 2022.

Spence A, **Hanna C,** and Freitas F. Providing an Interactive, Inclusive Team-Based Learning Pedagogy in a Hybrid Platform. Team-Based Learning Collaborate. AACP Annual Meeting. Poster Presentation. Summer 2022.

Spence A, **Hanna C,** and Freitas F. Providing an Interactive, Inclusive Team-Based Learning Pedagogy in a Hybrid Platform. Team-Based Learning Collaborate. TBL-C Annual Meeting. Poster Presentation. Winter 2021.

Martell C, Spence A, **Hanna C,** et al. Sustaining Curricular Delivery: Then, Now, and the Future. American Association Colleges of Clinical Pharmacy Annual Meeting. Poster Presentation. Summer 2021.

Hanna C, Gilliam E, and Feltman C. Managing Your Expectations. Colorado Pharmacist Society Annual Meeting 2019. Denver, CO

Hanna C. Magnesium for Pain. Colorado Pharmacist Society Annual Meeting 2018. Denver, CO.

Hanna C. Magnesium for Pain. Saint Joseph Hospital Surgeon/Anesthesiologist Annual Meeting 2018. Denver, CO

Hanna C. Magnesium for Pain in Elective Colorectal/Gyn-Onc Surgeries. Western States Regional Pharmacy Meeting 2018. San Diego, CA

MISCELLANEOUS PROJECTS, OPTIMIZATIONS

Regis University School of Pharmacy

NAPLEX Prep – Optimization of RxPrep.UWorld for PHRM 767	Fall 2021-Present
Entrustable Professional Activities – Experiential Integration	Fall 2019-Present
Accreditation Council for Pharmacy Education (ACPE) Review	Spring 2019

Swedish Medical Center

Narcan Review for Overdose and Opioid Safety	2018-2020
Physician Order Set Review – Opioid Safety	2018-2020

RESEARCH

Team Based Learning Collaborative (TBL-C) Grant	August 2021
Providing an Interactive, Inclusive Team-Based Learning Pedagogy in a Hybrid Platform	
Regis University	

Denver, CO
Co-Investigator

Magnesium as a Pain Adjuvant in Elective Colon and Gyn-Onc Surgeries May 2018
Saint Joseph Hospital
Denver, CO
Principal investigator

LEADERSHIP AND COMMITTEES EXPERIENCE

Regis University

Rueckert-Hartman College of Health Professions College Assessment Committee

Chair 2021-Present
Member 2019-2020

School of Pharmacy Experiential Advisory Committee (EAC)

Chair June 2019-June 2022
Member March 2019-Present

School of Pharmacy Curriculum Committee

Member, Ex-Officio June 2019-Present

Swedish Medical Center

Pain Committee

Co-Chair June 2018-March 2019
Member March 2019-Present

Professional Development Committee

Member June 2018-Present

HONORS AND AWARDS

Regis University School of Pharmacy

RHCHP Junior Faculty of the Year Award Nomination April 2022

- Nomination based on SOP junior faculty standing, nominated amongst peers

RHCHP Collaborative Practice Award Nomination April 2021

- Nomination based on dedication to collaborating with other healthcare faculty

Phi Lambda Sigma – Pharmacy Leadership Society April 2020-Present

- Peer-nominated and awarded based on professionalism, leadership, and dedication to the profession of pharmacy

Rho Chi-Delta Psi Chapter April 2017-Present

- Merit-based award based on GPA throughout PharmD Curriculum

Alpha Sigma Nu (ASN) Jesuit Honor Society May 2016-Present

- Awarded based on dedication to scholarship, community engagement, and academic standing

MISSION AND SERVICE

Regis University School of Pharmacy

Pre-Pharmacy Faculty Liaison Spring 2019-Present

- Liaison between undergraduate and high school scholars interested and/or accepted into Regis SOP. Hold informational events and presentations to students.

Multiple-Mini Interviews for SOP Candidates Spring 2019-Present

- Lead laboratory tour Fall 2021
- Interviewer and Faculty Panel Spring 2019-Present

Manresa Faculty Experience March 2019-Present

9News Health-Fairs Aug 2013-Present

PROFESSIONAL ORGANIZATIONS

American Association of Colleges of Pharmacy March 2019-Present

American College of Clinical Pharmacy Aug 2016-Present

American Society of Health-System Pharmacists Aug 2014-Present

American Pharmacist Association Aug 2013-Present

Colorado Pharmacist Society Aug 2013-Present

REFERENCES

Available upon request