

Curriculum Vitae

Alexandra Herman, PharmD, RPh Assistant Professor – Clinician Educator

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EDUCATION

- **Doctor of Pharmacy** 05/2015
University of New Mexico College of Pharmacy, Albuquerque, NM
Rho Chi; 3.9 GPA
- **Bachelor of Science, Environmental Science** 12/2009
College of Santa Fe, Santa Fe, NM
Summa Cum Laude; 3.9 GPA

POST-GRADUATE TRAINING

- **Cardiovascular Pharmacotherapy Fellowship** 07/2015 – 07/2017
University of New Mexico College of Pharmacy, Albuquerque, NM
- **Certificate in Clinical & Translational Research** 12/2016
University of New Mexico School of Medicine – Research Education Office, Albuquerque, NM
4.02 GPA

LICENSES

- September 2015-present: Registered Pharmacist, New Mexico: License #RP00008445

CURRENT TRAINING & CERTIFICATIONS

- UNM Hospitals Credentialing
- American College of Apothecaries Fundamental Compounding & Calculations
- UNM College of Pharmacy Teaching Certificate
- Physical Assessment for the Pharmacist
- CPR/BLS for Healthcare Providers
- American Pharmacists Association (APhA) Immunization Certification
- Immunization NM Prescriptive Authority
- Hormonal Contraception NM Prescriptive Authority
- Tobacco Cessation Products NM Prescriptive Authority
- Tuberculosis Testing Certification & NM Prescriptive Authority

PROFESSIONAL EXPERIENCE

- Assistant Professor, Clinician Educator** June 2017 – present
University of New Mexico College of Pharmacy, Albuquerque, NM
- Cardiovascular Pharmacotherapy Fellow** July 2015 – June 2017
University of New Mexico College of Pharmacy, Albuquerque, NM
- Staff Pharmacist (Per Diem)** August 2016 – October 2018
HealthSouth Rehabilitation Hospital, Albuquerque, NM

Staff Pharmacist (Per Diem) Walmart Neighborhood Market Pharmacy, Albuquerque, NM	July 2016 – August 2017
Pharmacy Intern/Technician Lovelace Women’s Hospital, Albuquerque, NM	July 2010 – June 2015
Pharmacy Data Entry Technician Express Scripts, Inc., Albuquerque, NM	April 2011 – June 2011
Pharmacy Technician (U.S. Air Force Active Duty, 2004-2007) 377th Medical Group, Kirtland Air Force Base, Albuquerque, NM	February 2004 – August 2009
Pharmacy Technician Apprentice (U.S. Air Force Active Duty) Wilford Hall Medical Center, Lackland Air Force Base, San Antonio, TX	December 2003 – January 2004

TEACHING EXPERIENCE – Didactic

Instructor of Record/Courses Coordinated

- **University of New Mexico College of Pharmacy, Aspects of Patient Care VI (PHARM 853)**, Spring 2021. 16 weeks.
- **University of New Mexico College of Pharmacy, Aspects of Patient Care II (PHARM 813)**, Spring 2018 - Spring 2021. 16 weeks.
- **University of New Mexico College of Pharmacy, Topics in Women’s Health (PHARM 798)**, Fall 2020. 8 weeks.
- **University of New Mexico College of Pharmacy, Pharmacy Teaching Certificate Program**, Summer/Fall 2020. 9 weeks.
 - Served as main point of contact for program directors and residents
 - Coordinated schedule and topics with co-instructors
 - Prepared and submitted Continuing Education application and materials for CE hours
 - Coordinated resident teaching hours in Aspects of Patient Care; total of 12 hours of small group teaching per participant for 28 participants.
 - Served as teaching mentor for 6 participants; assisted with development of required didactic presentations for course participants.
- **University of New Mexico College of Pharmacy, Aspects of Patient Care I-VI (PHARM 803, 813, 823, 833, 843, 853)**. Fall 2017-Spring 2021. 6 courses, 16 weeks per course.
 - Coordinator for all Aspects of Patient Care course series
 - Duties include curricular alignment and mapping, review and modification of course content, inventory and budget management, management of dispensing and simulation software (SimIQ, EHRGo, SharpRX), development of standard operating procedures, and coordination of OSCE and standardized patient logistics
 - Coordinate Top 200 asynchronous modules for 803 and 813 (32 weeks). Fall 2020-present.

Spring 2021 *planned*

95 contact hours; 32 weeks as IOR

- **University of New Mexico College of Pharmacy, Aspects of Patient Care II (PHARM 813)**, Spring 2021. 57 contact hours.
 - Instructor of record (16 weeks)
 - Lectures: 1 hour/lecture (6 hours)
 - OSCE readiness (compounding & counseling)

- Introduction to self-care
 - Generic substitution & Orange Book
 - Community pharmacy readiness
 - SCHOLAR-MAC and relationship-centered counseling
 - OSCE readiness (self-care)
 - Lab sessions: 43 hours
 - Introduction to course and drug therapy assessments (2 hours)
 - Non-sterile compounding: Reconstitution & Suspension (3 hours)
 - Non-sterile compounding: Suppositories (1 hour)
 - Non-sterile compounding: Ointment (1 hour)
 - Non-sterile compounding: PLO Gel (1 hour)
 - Non-sterile compounding: Capsules (1 hour)
 - Self-care: Field trip debrief and introduction to QuEST/SCHOLAR-MAC (6 hours)
 - Generic substitution cases (6 hours)
 - Cultural sensitivity & bias (2 hours)
 - Mock Pharmacy (6 hours)
 - SCHOLAR-MAC counseling with faculty feedback (6 hours)
 - Designed and conducted compounding OSCE/standardized patient interaction (4 hours) and self-care OSCE/standardized patient interaction (4 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care IV (PHARM 833)**, Spring 2021. 6 contact hours.
 - Lab sessions: 2 sessions/week, 3 hours/session (6 hours)
 - Transitions of Care
- **University of New Mexico College of Pharmacy, Aspects of Patient Care VI (PHARM 853)**, Spring 2021. 19 contact hours.
 - Instructor of record (16 weeks)
 - Lecture: Introduction to Pharmacist Prescriptive Authorities (1 hr)
 - Lab sessions: Tuberculosis skin testing (6 hours)
 - Designed and conducted four sessions of standardized patient interactions for immunization and hormonal contraception prescriptive authorities (12 hours)
 - Designed two EHRGo asynchronous patient cases for immunizations and naloxone prescribing
- **University of New Mexico College of Pharmacy, Advanced Law & Ethics (PHARM 854)**, Spring 2021. 2 contact hours.
 - Lecture: Contemporary Law & Ethics: Sterile & Non-Sterile Compounding (2 hours)
- **University of New Mexico College of Pharmacy, Clinical Capstone (PHARM 855)**, Spring 2021. 11 contact hours.
 - Ambulatory Care/Medications in Pregnancy & Lactation (2 hours)
 - Hospital Pharmacy/Sterile Compounding (3 hours)
 - Transitions of Care (6 hours)

Fall 2020

58 contact hours; 8 weeks as IOR

- **University of New Mexico College of Pharmacy, Topics in Women's Health (PHARM 798)**, Fall 2020. 4 contact hours.
 - Instructor of record.
 - Teaching sessions: 2 hours/session (2 hours)

- Contraception
 - Infertility, PCOS & Endometriosis
 - Created syllabus and schedule for new elective course
 - Coordinated and assisted with 6 other teaching sessions with co-instructors and residents (12 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care V (PHARM 843)**, Fall 2020. 12 contact hours.
 - Lab sessions:
 - 2 sessions, 3 hours/session: Epilepsy & anticoagulation (6 hours)
 - Facilitated IPE activity (2 hours)
 - Final OSCE (4 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care III (PHARM 823)**, Fall 2020. 25 contact hours; 5 asynchronous hours
 - Adapted materials for small-group learning due to COVID restrictions
 - Lectures: 1 hour/lecture (2 hours)
 - Sterile Compounding 101
 - Verifying IVs & Calculations
 - Lab sessions:
 - Sterile compounding lab sessions and gloved fingertip testing: 2 sessions/week, 3 hours/session, 3 weeks (18 hours)
 - Sterile compounding make-up sessions (1 hr)
 - Formative OSCE (4 hours)
 - Created asynchronous learning modules for online learning (5 asynchronous hours)
 - Intro to sterile compounding (1 hour)
 - Drug information (2 hour)
 - Verifying IVs (1 hour)
 - Sterile Compounding Q&A/IV Certification (1 hour)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care IV (PHARM 803)**, Fall 2020. 12 contact hours; 32 asynchronous hours
 - Lab sessions: 2 sessions, 3 hours/session (12 hours)
 - Intro to lab course/SharpRx prescription processing
 - “How to Give a Shot”/immunizations certification evaluations
 - Coordinated Top 200 course material, to include drug list updates, quizzes, and exams; average 2 hours/week for updating drug groups and quizzes, responding to student emails, and reviewing quiz answers. (32 asynchronous contact hours)
- **University of New Mexico College of Pharmacy, Introduction to Law, Ethics, and Social Issues in Pharmacy (PHARM 817)**, Fall 2020. 1 contact hour.
 - Lecture: Pharmacy Practice (1 hour)
- **University of New Mexico College of Pharmacy, Physician Assistant Program, Pharmacology III (PAST 524)**, Fall 2020. 2 contact hours.
 - Lecture: Hypertension (2 hours)

Summer 2020

8 contact hours

- **University of New Mexico College of Pharmacy, Pharmacy Teaching Certificate Program**, Summer/Fall 2020. 7 contact hours.
 - Sessions:

- Orientation/Teaching Expectations (1 hour)
 - Writing Learning Objectives & Lesson Plans (2 hours)
 - Writing Test Items (2 hours)
 - Effective Precepting; Teaching Philosophy & Portfolio (2 hours)
- **University of New Mexico College of Pharmacy, Physician Assistant Program, Pharmacology III (PAST 524)**, Summer 2020. 1 contact hour.
 - Lecture: H pylori/GERD (1 hour)

Spring 2020

102 contact hours; 16 weeks as IOR

- **University of New Mexico College of Pharmacy, Clinical Capstone (PHARM 855)**, Spring 2020. 17 contact hours.
 - Hospital Pharmacy/Sterile Compounding (3 hours)
 - Transitions of Care (6 hours). Developed EHRGo charts and cases for virtual activity and facilitated activity and discussion via Zoom.
 - Facilitated & graded virtual standardized patient encounters via Zoom for mid-point & final OSCEs (8 hours)
- **University of New Mexico College of Pharmacy, Direct Patient Care Experience (PHARM 880)**, Spring 2020. 9 contact hours.
 - Facilitated and graded drug information presentations (6 hours)
 - Facilitated and graded patient presentations (3 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care IV (PHARM 833)**, Spring 2020. 8 contact hours.
 - Lab sessions: 2 sessions, 3 hours/session (6 hours)
 - Designed and facilitated Transitions of Care activity
 - Facilitated and graded Journal Club presentations (2 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care VI (PHARM 853)**, Spring 2020.
 - Assisted in implementation of simulated electronic health record (EHRGo) into New Mexico prescriptive authorities training for P3 students
 - Created EHRGo cases to assess immunizations, smoking cessation, and naloxone prescriptive authorities.
- **University of New Mexico College of Pharmacy, Advanced Law & Ethics (PHARM 854)**, Spring 2020. 2 contact hours.
 - Lecture: Contemporary Law & Ethics: Sterile & Non-Sterile Compounding (2 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care II (PHARM 813)**, Spring 2020. 66 contact hours.
 - Instructor of record
 - Adapted 8 weeks of material to online delivery in response to COVID-19 pandemic.
 - Lectures: 1 hour/lecture (4 hours)
 - Into to Self-Care: QuEST/SCHOLAR-MAC/PPCP
 - Compounding OSCE Preparation
 - Community Pharmacy Law Overview
 - Final OSCE Preparation
 - Lab sessions: 2 sessions/week, 3 hours/session (54 hours)

- Course Intro
- USP 795 Introduction; Reconstitutions and Suspensions
- Compounding calculations; Suppositories & Dog Treat
- Common Compounds, Oral Vancomycin, Ointment
- Dispensing & Counseling on Compounded Products
- Introduction to Self-Care
- OTCs: Cultural sensitivity; Literature searching
- Mock Pharmacy (virtual prescription review and doctor calls)
- Self-Care: QuEST/SCHOLAR-MAC Faculty Feedback
- Designed and conducted Compounding OSCE (4 hours) and summative OSCE (4 hours); adapted standardized patient interaction to telehealth format via Zoom

Fall 2019

52 contact hours

- **Physical Assessment for the Pharmacist**, Fall 2019. 8 contact hours.
 - Graded formative & summative OSCEs, 4 hours each (8 hours).
- **University of New Mexico College of Pharmacy, Aspects of Patient Care I (PHARM 803)**, Fall 2019. 6 contact hours.
 - Lab sessions: 2 sessions, 3 hours/session
 - “How to Give a Shot”/immunizations certification evaluations
- **University of New Mexico College of Pharmacy, Aspects of Patient Care III (PHARM 823)**, Fall 2019. 28 contact hours.
 - Lectures: 1 hour/lecture (4 hours)
 - Sterile Compounding 101
 - Drug Information & Fluid Management
 - Verifying IVs & Calculations
 - Final evaluation preparation
 - Lab sessions: 2 sessions/week, 3 hours/session (24 hours)
 - Sterile compounding intro; gowning, garbing, handwashing
 - Drug information; cleaning the IV hood
 - Aseptic technique, IV preparation & verification
 - Gloved fingertip and aseptic technique test/final evaluation
- **University of New Mexico College of Pharmacy, Aspects of Patient Care V (PHARM 843)**, Fall 2019. 6 contact hours.
 - Lab sessions: 2 sessions, 3 hours/session
 - Epilepsy & anticoagulation
- **University of New Mexico College of Pharmacy, Introduction to Law, Ethics, and Social Issues in Pharmacy (PHARM 817)**, Fall 2019. 2 contact hours.
 - Lectures: 1 hour/lecture
 - Pharmacy Practice
 - Law & Ethics of Non-Sterile & Sterile Compounding
- **University of New Mexico College of Pharmacy, Pharmacy Teaching Certificate program**. Fall 2019. 1 contact hour.
 - Lecture: Writing Clinical Cases (1 hour)

- Coordinated resident teaching hours in Aspects of Patient Care (APC); reduced faculty teaching hours in APC by 70% by utilizing residents for small group activities.
- **University of New Mexico College of Pharmacy, Physician Assistant Program, Pharmacology IV (PAST 533)**, Fall 2019. 1 contact hour.
 - Lecture: *H. Pylori* & GERD, 1 hour

Spring 2019

127 contact hours; 16 weeks as IOR

- **University of New Mexico College of Pharmacy, Aspects of Patient Care II (PHARM 813)**, Spring 2019. 82 contact hours.
 - Instructor of record.
 - Lectures: 1 hour/lecture (2 hours)
 - Into to Self-Care: QuEST/SCHOLAR-MAC/PPCP
 - Community Pharmacy Law Overview/Communicating with Prescribers
 - Lab sessions: 2 sessions/week, 3 hours/session (72 hours)
 - Course Intro
 - USP 795 Introduction; Reconstitutions and Suspensions
 - Compounding calculations; Suppositories & Dog Treat
 - Common Compounds, Oral Vancomycin, Ointment
 - Dispensing & Counseling on Compounded Products
 - Introduction to Self-Care
 - Communication in the Pharmacy
 - OTCs: Cultural sensitivity; Literature searching
 - Mock Pharmacy
 - Self-Care: QuEST/SCHOLAR-MAC Faculty Feedback
 - Immunizations/How to Give a Shot
 - How to Give a Shot Part 2
 - Designed and conducted Counseling & Compounding Practical (4 hours) and summative OSCE (4 hours)
- **University of New Mexico College of Pharmacy, Self Care Therapeutics (PHARM 815)**, Spring 2019. 10 contact hours.
 - Facilitated weekly recitation sessions (5 sessions, 2 hours/session)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care IV (PHARM 833)**, Spring 2019. 21 contact hours.
 - Lab sessions: 2 sessions, 3 hours/session: designed and facilitated Transitions of Care activity
 - Facilitated and graded summative Journal Club (2 sessions, 3 hours/session)
 - Facilitated and graded GI integration activity, GoLytely counseling (3 hours)
 - Facilitated and graded patient presentations (3 hours)
 - Graded “Doctor Call” activity for infectious disease integration (3 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care VI (PHARM 853)**, Spring 2019. 5 contact hours.
 - Designed and facilitated OSCE case for assessment of competency in prescribing hormonal contraception; trained standardized patients & assisted with OSCE facilitation (2 hours)
 - Graded Drug Information presentations for Direct Patient Care Experience (3 hours)
- **University of New Mexico College of Pharmacy, Clinical Capstone (PHARM 855)**, Spring 2019. 4 contact hours.

- Lecture/skills session: Hospital Pharmacy: Sterile Compounding (2 hours)
- Lecture/skills session: Hospital Pharmacy: Transitions of Care (2 hours)
- **University of New Mexico College of Pharmacy, Introduction to Law, Ethics and Social Issues in Pharmacy (PHARM 817)**, Spring 2019. 1 contact hour.
 - Lecture: Practice of Pharmacy (1 hour)
- **University of New Mexico College of Pharmacy, Advanced Law & Ethics (PHARM 854)**, Spring 2019. 2 contact hours.
 - Lecture: Contemporary Law & Ethics: Sterile & Non-Sterile Compounding (2 hours)
- **University of New Mexico College of Pharmacy, Physician Assistant Program, Pharmacology III (PAST 524)**, Spring 2019. 2 contact hours.
 - Lecture: Antihypertensive Medications (2 hours)

Fall 2018

42 contact hours

- **Physical Assessment for the Pharmacist**, Fall 2018. 4 contact hours.
 - Graded formative OSCEs (4 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care V (PHARM 843)**, Fall 2018. 12 contact hours.
 - Lab sessions: 2 sessions/week, 3 hours/session (6 hours)
 - Oncology and chemotherapy mixing: calculations and safety
 - Assisted in evaluation of patient counseling skills for anti-fungal OTC products (3 hours)
 - Facilitated and graded patient case presentations (3 hours)
- **University of New Mexico College of Pharmacy, Aspects of Patient Care III (PHARM 823)**, Fall 2018. 26 contact hours.
 - Designed 4-week classroom lecture and laboratory experiences for sterile compounding instruction.
 - Lectures: 1 hour/lecture (2 hours)
 - Sterile Compounding 101
 - Verifying IVs, Fluid Management, and Calculations
 - Lab sessions: 2 sessions/week, 3 hours/session (24 hours)
 - Sterile compounding intro; gowning, garbing, handwashing
 - Drug information; cleaning the IV hood
 - Aseptic technique, IV preparation & verification
 - Gloved fingertip and aseptic technique test

Spring 2018

111 contact hours; 16 weeks as IOR

- **University of New Mexico College of Pharmacy, Physician Assistant Program, Pharmacology III (PAST 524)**, Spring 2018. 2 contact hours.
 - Lecture: Antihypertensive Medications (2 hours)
- **University of New Mexico College of Pharmacy, Introduction to Law, Ethics and Social Issues in Pharmacy (PHARM 817)**, Spring 2018. 1 contact hour.
 - Lecture: Practice of Pharmacy (1 hour)

- **University of New Mexico College of Pharmacy, Aspects of Patient Care IV (PHARM 833)**, Spring 2018. 30 contact hours.
 - Lab sessions: 2 sessions/week, 3 hours/session (18 hours)
 - Sterile compounding review; Gowning, garbing, handwashing & cleaning
 - Preparation of sterile products
 - Gloved fingertip and aseptic technique test
 - Assisted in assessment of patient presentations and patient counseling activities (12 hours)

- **University of New Mexico College of Pharmacy, Aspects of Patient Care II (PHARM 813)**, Spring 2018. 58 contact hours.
 - Instructor of record.
 - Lectures: 1 hour/lecture (2 hours)
 - Suppository, Suspension, and Compounding Calculations
 - Ointment, Dog Treat, and Compounding Calculations
 - Lab sessions: 2 sessions/week, 3 hours/session (48 hours)
 - USP 795 Introduction & Reconstitution
 - Suppository and Suspension Compounding
 - Ointment and Dog Treat Compounding
 - Common Compounds & Master Formulation Records
 - Introduction to Self-Care
 - Self-Care and Motivational Interviewing
 - Self-Care and Cultural Competencies
 - Self-Care: QuEST/SCHOLAR-MAC Faculty Feedback
 - Designed and conducted Counseling & Compounding Practical (4 hours) and summative OSCE (4 hours)

- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 765L)**, Spring 2018. 20 contact hours.
 - Assisted in design of Capstone clinical examination for P3 students, including development of cases, rubrics, and logistics
 - Designed and conducted problem-solving lab. 2 lab sessions, 3 hours/session (6 hours)
 - Assisted with assessment of drug information presentations and mock rounds (14 hours)

Fall 2017

21 contact hours

- **University of New Mexico College of Pharmacy, Aspects of Patient Care III (PHARM 823)**, Fall 2017. 20 contact hours.
 - Graded pulmonary device counseling & drug information presentations
 - Lectures: 1 hour/lecture (2 hours)
 - Sterile Compounding 101
 - USP 797 & Error Prevention
 - Lab sessions: 2 sessions/week, 3 hours/session (18 hours)
 - Intro to Sterile Compounding
 - IV Verification
 - OSCE: IV Verification

- **University of New Mexico, Physician Assistant Program, Pharmacology IV (PAST 533)**, Fall 2017.
 - Lecture: *H. Pylori* and GERD (1 hour)

Spring 2017

56 contact hours (hours completed during fellowship)

- **University of New Mexico, Physician Assistant Program, Pharmacology III (PAST 524)**, Spring 2017. 2 contact hours.
 - Lecture: Antihypertensive Medications: Beta Blockers, Calcium Channel Blockers, Alpha-Adrenergic Blockers (2 hours)
- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 733L)**, Spring 2017. 54 contact hours.
 - Lectures: 2 hours/lecture (10 hours)
 - Overview of USP 797, Sterile Preparations, and Importance of the Pharmacist's Role
 - Drug Information Resources for Sterile Compounding
 - Pharmaceutical Calculations for Sterile Compounding
 - Q&A for Sterile Compounding
 - Verification of IV Products
 - Lab sessions: 3 sessions/week, 2 hours/session (36 hours)
 - Introduction to aseptic technique
 - Gowning, garbing, cleaning the IV room, and preparing IVs
 - Verifying IVs; Calculations for IV preparation and verification
 - IV preparation with peer verification & assessment
 - Supervision of the sterile compounding process
 - OSCE: Gloved fingertip and media fill test
 - Facilitated and graded student journal club presentations (8 hours)

Spring 2016

51 contact hours (hours completed during fellowship)

- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 733L)**, Spring 2016. 40 contact hours.
 - Lectures: 2 hours/lecture (10 hours)
 - Overview of USP 797, Sterile Preparations, and Importance of the Pharmacist's Role
 - Drug Information Resources for Sterile Compounding
 - Pharmaceutical Calculations for Sterile Compounding
 - Q&A for Sterile Compounding
 - Verification of IV Products
 - Lab sessions: 3 sessions/week, 2 hours/session (30 hours)
 - Introduction to aseptic technique
 - Gowning, garbing, cleaning the IV room, and preparing IVs
 - Verifying IVs; Review of unusual sterile products
 - IV preparation with peer verification & assessment
 - OSCE: Gloved fingertip and media fill test
- **University of New Mexico College of Pharmacy, Pharmacotherapy I (PHARM 739)**, Spring 2016. 2 contact hours.
 - Lecture: Drug-Induced Cardiovascular Disease (1 hour)
 - Lecture: Peripheral Artery Disease (1 hour)
- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 733L)**, Spring 2016. 2 contact hours.
 - Facilitated and graded student journal club presentations (2 hours)

- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 762L)**, Spring 2016. 3 contact hours.
 - Developed disease state questionnaires for use by students during Direct Care Patient Experience IPPE rotation
 - Facilitated and graded student patient case presentations (1 hour)
 - Facilitated and graded student drug information presentations (2 hours)
- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 765L)**, Spring 2016. 4 contact hours.
 - Facilitated and graded capstone OSCE (4 hours)

Fall 2015

4 contact hours (hours completed during fellowship)

- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 718L)**, Fall 2015. 2 contact hours.
 - Facilitated and graded student drug information presentations (2 hours)
- **University of New Mexico College of Pharmacy, Pharmaceutical Care Lab (PHARM 703L)**, Fall 2015. 2 contact hours.
 - Graded OSCE evaluating students' ability to perform transfers (2 hours)

TEACHING EXPERIENCE - Experiential

- **Preceptor, UNMH Women's Health APPE Rotation**, Summer - Fall 2020.
 - Four rotation blocks, 6 students total, 4 weeks per rotation
 - Pilot of new rotation site developed in collaboration with UNMH OB/GYN Pharmacist and Pediatric Pharmacy Department
- **Preceptor, UNMH PGY1 Residency**, Summer 2019.
 - Two residents, precepted for 2 weeks of 4 week rotation
 - UNMH Internal Medicine
- **Preceptor, UNMH Internal Medicine APPE Rotation**, Summer - Fall 2019.
 - Three rotation blocks, 2 students each, 4 weeks per rotation
- **Preceptor, UNMH Internal Medicine APPE Rotation**, Summer - Fall 2018.
 - Four rotation blocks, 2 students each, 4 weeks per rotation
- **Preceptor, UNMH Internal Medicine Resident Precepting Rotation**, Spring 2018.
 - Precepted 2 PGY1 residents and 4 P4 students on internal medicine rotation in which residents gain experience serving as co-preceptors, 4 week rotation
- **Preceptor, UNM Direct Patient Care Experience**, Fall 2017.
 - Five students, 32 contact hours
 - UNMH Internal Medicine and HealthSouth Inpatient Rehabilitation Hospital
- **Co-Preceptor, UNMH PGY1 Residency**, Fall 2017.
 - Four residents, 4 week rotation
 - UNMH Internal Medicine
- **Co-Preceptor, UNMH Specialty Patient Care Rotation (Cardiology)**, June & July 2016.

- Two rotation blocks, 2 students each, 4 weeks per rotation

PUBLICATIONS – Peer-Reviewed Publications

- Salazar K, **Herman A**, Ried LD. “Pharmacy Practice Skills: A Guide for Students and Instructors.” (book chapters in Access Pharmacy)
accepted; pending publication
 - “Motivational interviewing & health coaching with standardized patients”
 - “Relationship-centered communication & Top 200 counseling with standardized patients”
- Rodriguez MI, **Herman AM**, Espey E, Hersh AR, Bachyrycz AM. Pharmacists’ perspectives and experience prescribing hormonal contraception in rural & urban New Mexico. Journal of the American Pharmacists Association. 2021. Available online ahead of print. Doi: <https://doi.org/10.1016/j.japh.2020.11.012>
- **Herman A**, McCauley G, Thaxton L, Borrego M, Sussman A, Espey E. Perspectives on prescribing hormonal contraception among rural New Mexican pharmacists. Journal of the American Pharmacists Association. 2020 Sept/Oct;60(5):e57-e63. Doi: <https://doi.org/10.1016/j.japh.2020.02.026>.
- **Sible AM**, Nawarskas JJ. Andexanet alfa for reversing factor Xa inhibition. Cardiol Rev. 2019 Mar/Apr;27(2):108-111.
- **Sible AM**, Nawarskas JJ. Cangrelor: A new route for P2Y12 inhibition. Cardiol Rev. 2017 May/Jun;25(3):133-139.
- **Sible AM**, Nawarskas JJ, Anderson JR. PCSK9 inhibitors: an innovative approach to treating hyperlipidemia. Cardiol Rev. 2016 May-Jun;24(3):141-52.
- **Sible AM**, Nawarskas JJ, Alajajian D, Anderson JR. Sacubitril/valsartan: a novel cardiovascular combination agent. Cardiol Rev. 2016 Jan-Feb;24(1):41-47.

RESEARCH EXPERIENCE

Women’s Health/Reproductive Health

- **Patient perspectives on contraception use and needs in female patients living with HIV: a qualitative study**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: Amy Bachyrycz
Co-investigators: **Alexandra Herman**; Bernadette Jakeman; Kelsea Aragon; Michelle Iandiorio; Jeremy Snyder; Alexis Farris; Meera Shah
Amount funded: \$5000
Funding sources: PPAS Pilot Fund Winter 2020 Cycle
Status: Project underway; data collection
- **Description and predictors of contraceptive use in patients with gender dysphoria assigned female at birth at an ambulatory care clinic in New Mexico**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: Alexandra Herman (mentor for competitive summer research fellowship)
Co-investigators: Bernadette Jakeman; Kelsea Aragon; MollyMcClain; Hazel Casson; and Zoe Kasten
Amount funded: \$3000
Funding sources: UNM COP Summer Fellowship 2020
Status: Project underway; data analysis & manuscript preparation

- Description and predictors of contraceptive use in women living with HIV at an ambulatory care clinic in New Mexico**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: Bernadette Jakeman (mentor for competitive summer research fellowship)
Co-investigators: **Alexandra Herman**; Kelsea Aragon; Pamela Hall; Ashley Winters
Amount funded: \$3000
Funding sources: UNM COP Summer Fellowship 2020
Status: Project underway; data analysis & manuscript preparation
- New Mexico pharmacists' knowledge and perspectives of mifepristone and misoprostol for early pregnancy loss**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: **Alexandra Herman**
Co-investigators: Anwar Jackson; Gillian Burkhardt; Karen Chong; Jamie Krashin; Zoe Kasten; Erin Stever; Eve Espey
Amount funded: \$5000
Funding sources: PPAS Pilot Fund Summer 2020 Cycle
Status: Project underway; recruitment
- Implementation of Pharmacy Access to Hormonal Contraception**
Research affiliation: University of New Mexico Hospital Family Planning Department
Principal investigator: Lindsay E. Dale
Co-investigators: Lisa Hofler; Alexandra Herman; Amy Bachyrycz; Eve Espey
Amount funded: pending
Funding sources: Society of Family Planning
Status: pending funding
- Perspectives on Prescribing Hormonal Contraception Among Rural New Mexican Pharmacists (PHARM)**
Research affiliation: University of New Mexico Hospital Family Planning Department
Principal investigator: Lauren Thaxton
Co-investigators: **Alexandra Herman**; Grace McCauley; Andrew Sussman; Matthew Borrego; Eve Espey
Amount funded: \$28,884
Funding sources: Society of Family Planning Research Fund (Grant #SFPRF17-30)
Status: Project complete; manuscript published
- Perspectives on Pharmacy Access to Hormonal Contraception Among Rural New Mexican Women (PHARM)**
Research affiliation: University of New Mexico Hospital Family Planning Department
Principal investigator: Lauren Thaxton
Co-investigators: **Alexandra Herman**; Grace McCauley; Andrew Sussman; Matthew Borrego; Eve Espey
Amount funded: \$28,884
Funding sources: Society of Family Planning Research Fund (Grant #SFPRF17-30)
Status: Project complete; manuscript submitted and under review
- Pharmacists' perspectives and experiences prescribing hormonal contraception in rural & urban New Mexico**
Research affiliation: University of New Mexico College of Pharmacy and University of Oregon Health & Sciences University
Principal investigator: Maria Rodriguez
Co-investigators: **Alexandra Herman**; Amy Bachyrycz; Eve Espey

Unfunded

Status: Project complete; manuscript published

Scholarship of Teaching & Learning

- **Standardized Patient Assessment of Communications in Pharmacy and Medical Students**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: James Nawarskas
Co-investigators: **Alexandra Sible**; Mikiko Takeda; Krista Salazar; Patty Marshik; Audrey Bobick; Ed Fancovic.
Amount funded: \$3621
Funding sources: 2018-2019 AACP Scholarship of Teaching & Learning Award
Status: Project complete; manuscript under development
- **Evaluation of staff activity and assessment of student activities in patient care lab**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: Barry Bleske
Co-investigators: **Alexandra Herman**
Unfunded
Status: Project underway; data collection
- **Techs as Teachers: utilizing intra-professional team members as co-instructors in a sterile compounding skills lab**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: **Alexandra Herman**
Co-investigators: Suzzette Sturtevant; Fariba Nikookar; Sabrina Bailey; Cheng Chen
Unfunded
Status: Project complete; poster presented at AACP Annual Meeting 2020; manuscript under development
- **Student perceptions of the pharmacist's role in care transitions**
Research affiliation: University of New Mexico College of Pharmacy
Principal investigator: **Alexandra Herman**
Co-investigators: Gretchen Ray; Kevin Wegener; Cheng Chen
Unfunded
Status: Project completed; poster presented at AACP Annual Meeting 2020; manuscript under development

Cardiovascular Pharmacotherapy

- **Evaluating the Effect of an Evidence-Based One Page with Supplemental Visual Aids on the Knowledge and Perceptions of Blood Pressure Management Among Adults with Hypertension**
Research affiliation: University of New Mexico College of Pharmacy, Walgreens Pharmacy, and Missouri State University
Principal investigator: Carla Kychick
Co-investigators: **Alexandra Herman**; Amy Bachyrycz
Unfunded
Status: Project underway; recruitment and data collection
- **Utilizing student pharmacists to identify and address gaps in cardiovascular care through use of a Disease State Questionnaire**
Research affiliation: University of New Mexico College of Pharmacy (cardiovascular pharmacotherapy fellowship project)
Principal investigator: **Alexandra Herman**

Co-investigators: James Nawarskas; Joe Anderson; Tracy Hunter; Mikiko Yamada-Takeda

Unfunded

Status: Project completed; presented June 2017 at UNM resident poster session

PRESENTATIONS – National & International

- October 2020: **Leveraging technology to disseminate reproductive health best practices and build community in low resource settings [panel session]**
Society of Family Planning Annual Meeting 2020 (Virtual)
Invited presentation
Rameet Singh, MD MPH; Alexandra Herman, PharmD (panel moderator); Wanicha Burapa, MD, MPH; Jamie Krashin, MD, MPH; Rachelle Rochelle, MPA; Ebony Pleasants
- October 2018: **Perspectives on Prescribing Hormonal Contraception Among Rural New Mexican Pharmacists (PHARM)**
North American Forum on Family Planning, New Orleans, LA
Invited presentation
Alexandra Sible, PharmD (presenter), Lauren D. Thaxton, MD, MBA; Elizabeth Clark, MD, MPH, Andrew Sussman, PhD, MCRP, and Eve Espey, MD, MPH

PRESENTATIONS – Local & State

- February 2021: **Updates in FDA Approvals for Contraception (CE) planned**
Reproductive Health ECHO clinic, Albuquerque, NM
- January 2021: **Current Topics in Contraception (CPE)**
New Mexico Pharmacists Association 2021 Mid-Winter Meeting (Virtual), Albuquerque, NM
Invited speaker
- December 2020: **Patient Case Presentation: Post-Partum Contraception for a Patient with Pregnancy-Induced Atrial Flutter (CME/CPE)**
with Natalie Herrera, PharmD candidate
Reproductive Health ECHO clinic, Albuquerque, NM
- November 2020: **Patient Case Presentation: Billing for Contraception Telephone Visits (CME/CPE)**
Reproductive Health ECHO clinic, Albuquerque, NM
- October 2020: **Patient Case Presentation: Pre-Eclampsia and Hypertension in Pregnancy (CME/CPE)**
Improving Perinatal Health ECHO clinic, Albuquerque, NM
- September 2020: **Patient Case Presentation: “Migraine Cocktail” in Pregnancy (CME/CPE)**
with Alexis Meliniotis & Meera Shah, PharmD candidates
Reproductive Health ECHO clinic, Albuquerque, NM
- August 2020: **Contraception Needs for Women on Teratogenic Medications (CME/CPE)**
Reproductive Health ECHO clinic, Albuquerque, NM
- August 2020: **Heart Failure: A Case-Based Approach to Guideline Updates (CE)**
New Mexico Nurse Practitioner Council Spring Conference (Virtual), Albuquerque, NM
Invited speaker

- July 2020: **Patient Case Presentation: HIV in Pregnancy & PrEP for Male Partners** (CME/CPE)
with Lauren Karl, PharmD candidate
Reproductive Health ECHO clinic, Albuquerque, NM
- March 2020: **Prenatal Counseling in the Pharmacy** (CME/CPE)
with Michael Herman, PharmD, UNMH
Reproductive Health ECHO clinic, Albuquerque, NM
- June 2019: **Hormonal Contraception: A Case-Based Approach** (CME/CPE)
New Mexico Pharmacists Association 2019 Annual Meeting, Albuquerque, NM
Invited speaker
- April 2019: **HPV Vaccine** (CME/CPE)
with Lyndsay Ryan, Joslyn Gabaldon, Zoe Kasten, PharmD candidates, on behalf of APhA-ASP's Women's Health Initiative
Reproductive Health ECHO clinic, Albuquerque, NM
- April 2019: **Birth Control: Contraceptive Choices & Management** (CE)
New Mexico Nurse Practitioner Council Spring Conference, Albuquerque, NM
Invited speaker
- November 2018: **Emergency Contraception** (CME/CPE)
Reproductive Health ECHO clinic, Albuquerque, NM
- November 2018: **Hypertension: Guideline Updates** (CME/CPE)
Cardiology ECHO clinic, Albuquerque, NM
Invited speaker
- July 2018: **Oral Contraceptive Pills: How to Pick a Pill, Initiation, and Counseling** (CME/CPE)
Reproductive Health ECHO clinic, Albuquerque, NM
- June 2018: **Contraceptive Choices: A Pharmacy Perspective** (CPE)
New Mexico Pharmacists Association 2018 Annual Meeting (NMPHA), Albuquerque, NM
Invited speaker
- June 2018: **Aspects of Patient Care Integration: From the classroom to the lab (and beyond)**
UNM COP Faculty Summer Retreat, Albuquerque, NM
- April 2018: **Antiarrhythmic Medications & QT Prolongation** (CME/CPE)
Cardiology ECHO clinic, Albuquerque, NM
Invited speaker
- March 2018: **Sterile Compounding & USP 797**
New Mexico Department of Health and New Mexico Chiropractic Association Injection Safety Seminar, Albuquerque, NM.
Invited speaker
- January 2018: **USP 797 & USP 800: Updates Are Coming – Are You Prepared?** (CPE)
New Mexico Pharmacists Association 2018 Mid-Winter Meeting, Albuquerque, NM
Invited speaker

- January 2018: **Strengthening Educational Scholarship at the COP**
UNM College of Pharmacy Winter Retreat, Albuquerque, NM
with James Nawarskas, PharmD and Mikiko Yamada-Takeda, PharmD
- October 2016: **USP 797: Overview of Sterile Compounding Requirements and Best Practices**
New Mexico Department of Health (DOH) and New Mexico Chiropractic Association Injection Safety Seminar, Albuquerque, NM
Invited speaker
- June 2016: **Blood Pressure Management and Monitoring in Contemporary Practice (CPE)**
New Mexico Pharmacists Association (NMPhA), Albuquerque, NM
with James Nawarskas, PharmD and Joe Anderson, PharmD

POSTERS – National & International

- July 2020: **Techs as Teachers: utilizing intra-professional team members as co-instructors in a sterile compounding skills lab [poster]**
AACP Annual Meeting 2020 (Virtual)
Invited presentation
Alexandra Herman, PharmD; Suzzette Sturtevant, PharmD; Fariba Nikookar, CPhT; Sabrina Bailey, CPhT; Cheng Chen, MS
- July 2020: **Student perceptions of the pharmacist's role in care transitions [poster]**
AACP Annual Meeting 2020 (Virtual)
Invited presentation
Alexandra Herman, PharmD; Gretchen Ray, PharmD; Kevin Wegener, PharmD candidate; Cheng Chen, MS
- May 2019: **Perspectives on Pharmacy Access to Hormonal Contraception among Rural New Mexican Women (PHARM) [poster]**
American College of Obstetricians & Gynecologists (ACOG) Annual Clinical & Scientific Meeting, Nashville, TN
Invited presentation
Lauren D. Thaxton, MD, MBA (presenter); Alexandra Sible, PharmD, Elizabeth Clark, MD, MPH, Andrew Sussman, PhD, MCRP, and Eve Espey, MD, MPH

POSTERS – Local & State

- February 2020: **Impact of a clinical pharmacist on an inpatient maternal fetal medicine service [poster]**
University of New Mexico 2020 Annual Women's Health Conference, Albuquerque, NM
Invited presentation
Michael Herman, PharmD (presenter), Suzzette Sturtevant, PharmD, Alexandra Herman, PharmD (presenter)
- June 2017: **Utilizing student pharmacists to identify and address gaps in cardiovascular care through use of a Disease State Questionnaire [poster]**
UNM Health Sciences Research Day poster session, Albuquerque, NM
with Joe Anderson, PharmD; James Nawarskas, PharmD; Tracy Hunter, PharmD; Mikiko Yamada-Takeda, PhD MS RPh.

PEER REVIEWER

- *BMC Health Services Research*. 2020.
- *Heart International*. 2020.
- *Bentham Science Publishers*. 2019.

CONSULTING

- **LARC Mentoring Program**
Collaborated with UNM HSC LARC Mentoring Program (LMP) to provide recommendations for training for pharmacists. Resulted in LMP offering three webinars for ACPE credit and a survey of pharmacists to identify ongoing training and support needed for LARC referrals and counseling.
- **Birth Control Pharmacist**
Assisted with development of hormonal contraception prescriptive authority training module for New Mexico pharmacists.

HONORS & AWARDS

- May 2019: **UNM College of Pharmacy Faculty Appreciation Award, PS-4**
- April 2015: **William G. Troutman Award for Excellence in Information Retrieval, Analysis and Communication**
- April 2014: **Rho Chi Honor Society induction**
- 2008: **Air Force Nuclear Weapons Center Civilian (Category II) of the Year**
- 2008: **377th Air Base Wing Civilian (Category II) of the Year**
- September 2008: **377th Air Base Wing Civilian (Category II) of the Quarter**
- April 2008 - June 2008: **377th Medical Group Civilian (Category II) of the Quarter**
- June 2008: **377th Medical Group Pharmacy Hard Charger of the Month**
- 2005: **Air Force Materiel Command Airman Pharmacy Technician of the Year**
- January 2005: **377th Medical Group Commander's Sharp Troop Award**
- November 2004: **Commander's Letter of Recognition, Outstanding Pharmacy Journeyman**
- December 2003: **Top Graduate, Pharmacy Apprentice Course, Sheppard Air Force Base, TX**

PROFESSIONAL MEMBERSHIPS

- **American College of Clinical Pharmacy (ACCP)**: Member, August 2020 - present
 - Women's Health PRN member, August 2020-present
- **United States Pharmacopeia (USP)**: Voting Delegate, January 2020 - present
- **New Mexico Pharmacists Association (NMPA)**: Member, September 2019 - present
- **American Association of Colleges of Pharmacy (AACCP)**: Member, January 2017 - present
 - Lab SIG Resolutions Committee Member, August 2020-present
 - UNM College of Pharmacy Faculty Delegate, November 2020-present

PROFESSIONAL SERVICE & LEADERSHIP

- **Co-Medical Director, Reproductive Health ECHO**, August 2018 - present.
 - Assist with coordination of curriculum, guest speakers, and case presentations. Attend and host bimonthly ECHO telehealth clinics with focus on women's health and family planning. Present current evidence-based practice in various reproductive health topics.
- **Faculty Delegate, UNM COP, American Association of Colleges of Pharmacy** November 2020 - present.
 - Represent UNM COP as voting delegate in AACP House of Delegates at 2021 Annual Meeting (national meeting)

- **Committee Member, AACP Lab SIG Resolutions**, August 2020 - present.
 - Determine if any resolutions will be submitted to the AACP Bylaws and Policy Development Committee for the 2021 AACP Annual Meeting on behalf of the Laboratory Instructors SIG.
- **Voting Delegate, UNM COP United States Pharmacopeia (USP)**, January 2020 - present.
 - Serve as information conduit between USP and UNM COP
 - Represented UNM COP as voting delegate at May 2020 USP Virtual Convention (national meeting)
- **Chair, Search Committee, Part-Time Lecturer**, May-June 2020
 - Search resulted in hire of part-time lecturer to teach in Aspects of Patient Care courses.
- **Member, UNMH Residency Committee**, June 2020- present
 - Serve as primary preceptor/mentor for a resident in collaboration with member of UNMH Pharmacy Department member; complete quarterly evaluations of resident
 - Attend monthly residency committee meetings
 - Participate in annual residency interviews
- **Member, Faculty Remote Education Task Force**, Summer 2020.
 - Provided recommendations for best practices for remote/virtual teaching in response to COVID-19 pandemic.
 - Developed training materials and hosted two 1-hour sessions for faculty to learn use of simulated electronic health record, EHRGo.
 - Served as primary contact to assist faculty with development of EHRGo cases.
- **Member, University of New Mexico HSC, Simulation Professionals Oversight Committee (SPOC)**. October 2018 - present.
- **Member, University of New Mexico HSC, SimIQ Administrator Meeting (SAM) working group**. September 2018 - present.
- **Member, University of New Mexico College of Pharmacy, Curricular Oversight Group (COG)**. August 2018 - present.
- **Member, University of New Mexico College of Pharmacy Curriculum Committee & Assessment Subcommittee (CLAC)**. September 2017 - present.
 - **Chair**, University of New Mexico College of Pharmacy Curriculum Committee Curriculum Redesign Subcommittee, January 2018 - present.
 - Served on **Competencies & Course Goals Working Group**. February 2020-May 2020. Tasked with revision and realignment of College competencies and course goals; mapped competencies to Entrustable Professional Activities (EPAs). Resulted in revised and appropriately mapped competencies that were approved by faculty and adopted by College.
 - Served on **Remediation Task Force**. November 2017-August 2018. Redesigned COP remediation policy that resulted in new college-wide remediation policy and hire of student learning specialist.
 - In addition to usually assigned course reviews, performed in-depth reviews of PHRM 804, 807, 815, and 830 to provide recommendations for improvement.
- **UNM COP Health Fair Preceptor**
 - Fiesta de Flu, September 28, 2020, 4 hours.
 - NM Legislative Day, Santa Fe, New Mexico, January 27, 2020, 6 hours.

- Health Care & Open Enrollment Resource Fair, South Valley Multi-Purpose Senior Center. November 22, 2019, 3 hours.
- **Member**, University of New Mexico College of Pharmacy Interprofessional Health Sciences Center Advisory Committee (IHSC-AC). August 2017 - December 2018
committee dissolved and replaced by SPOC
- **Hub Member, Reproductive Health ECHO clinic**, January 2017 - August 2018. Attended bimonthly ECHO telehealth clinics with focus on women's health and family planning; served as content expert for pharmacy. Promoted to co-Medical Director August 2018.