

Mikiko Y. Takeda, M.S., Pharm.D., MSCR, Ph.C.

Curriculum Vitae

PERSONAL INFORMATION

2306 Calle de Rafael, NE
Albuquerque, NM 87122
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BUSINESS INFORMATION

University of New Mexico
College of Pharmacy
Department of Pharmacy Practice and
Administrative Sciences
B21B, MSC09 5360
1 University of New Mexico
Albuquerque, NM 87131
Phone: (505) 272-6126
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EDUCATION

Master of Science in Clinical Research (MSCR) Aug. 2010 – Dec. 2013
University of Kansas School of Medicine
Department of Preventive Medicine and Public Health
Kansas City, KS

Doctor of Pharmacy Aug. 2006 – Jun. 2009
Roseman University of Health Sciences
(Formerly the University of Southern Nevada)
Henderson, NV

Master Science in Pharmaceutical Science Apr. 1998 – Mar. 2000
Nagasaki University Graduate School of Pharmaceutical Sciences
Nagasaki City, Nagasaki, Japan

Bachelor in Pharmaceutical Science Apr. 1994 – Mar. 1998
Nagasaki University
Nagasaki City, Nagasaki, Japan

POSTGRADUATE TRAINING

Residency/Fellowship Training in Clinical Neuroscience Sept. 2009 – Aug. 2012
University of Kansas School of Pharmacy
Department of Pharmacy Practice
Kansas City, KS
Supervisor: Timothy Welty, Pharm.D.

POSITIONS

University of New Mexico College of Pharmacy Associate Professor of Pharmacy Practice, Neurology Albuquerque, NM	Jul. 2020 – present
University of New Mexico College of Pharmacy Assistant Professor of Pharmacy Practice, Neurology Albuquerque, NM	Aug. 2012 – Jun. 2020
Nagasaki University School of Pharmacy Guest Associate Professor Nagasaki City, Nagasaki, Japan	Aug. 2019 – present
University of Kansas School of Pharmacy Clinical Research Fellow, Neurology Kansas City, KS	Aug. 2009 – Aug, 2012
Saga-Kita Pharmacy (community pharmacy) Pharmacist Saga City, Saga, Japan	Apr. 2005 – Jun. 2006
Saga City Holiday Emergency Pediatric Clinic Pharmacist (part-time) Saga City, Saga, Japan	Jun. 2003 – Jun. 2006
Kurokawa Pharmacy (community pharmacy) Pharmacist, pharmacy supervisor Saga City, Saga, Japan	Apr. 2003 – Mar. 2005
Saga National Hospital (adult and pediatric acute care at a hospital setting) Clinical pharmacist Saga City, Saga, Japan	Apr. 2000 – Mar. 2003

PROFESSIONAL LICENSURE & CERTIFICATION

Licenses

DEA Controlled Substance Registration Certificate (license MT3614600)	Aug. 2015 –present
New Mexico controlled substance prescriber (license CS00221181)	Dec. 2014 – present
New Mexico pharmacist clinician (license PC00000236)	Aug. 2014 – present
New Mexico registered pharmacist (license RP00007912)	Oct. 2012 – present
Kansas registered pharmacist (license 1-14625)	Sept. 2009 – Jun. 2019
Nevada registered pharmacist (license 17659)	Aug. 2009 – present
Japanese registered pharmacist (license 329982)	Apr. 1998 – present

Certification

- Pain Management Certificate, provided and evaluated by American Society of Health-System Pharmacists, April 2019
- Instructor training for simulation as a teaching tool, University of New Mexico School of Medicine, 1 University of New Mexico, Albuquerque, NM; provided by the Institution for Medical Simulation (Harvard Medical School), Jun. 4-7, 2013
- Teaching certificate, University of Kansas School of Pharmacy, Kansas City, KS (University of Kansas Medical Center campus), Sept. 2011 – May 2012
- CPR and AED for healthcare provider, issued by American Heart Association, Dec. 2011- present
- Pharmacy-based immunization delivery, developed by the American Pharmacists Association, Feb. 2009
- Kampo and natural medicines for pharmacist, endorsed by Japan Pharmacists Education Center (JPEC) (certificate number: 04-00752), 2004 – present
- Education system-qualified pharmacist endorsed by Japan Pharmacists Education Center (JPEC) (certificate number: 01-9867), 2001 – present
- Kendo (Japanese fencing) first Dan level (first degree black belt), 1991

CLINICAL SERVICES (locations and roles)

University of New Mexico Neurology Clinic (Adult Epilepsy) Role: pharmacist clinician Albuquerque, NM	Jun. 2018 – Sept. 2019
First Choice Community Healthcare Role: pharmacist clinician, pain management Albuquerque, NM	Feb. 2017 – present
University of New Mexico Clinical Neuroscience Center Neurology Resident Clinic (pediatric epilepsy) Role: pharmacist clinician, consultant Albuquerque, NM	Sept. 2015 – Mar. 2017
University of New Mexico Continuum of Care Clinic (Epilepsy Clinic) Role: pharmacist clinician, consultant Albuquerque, NM	Jul. 2015 – Mar. 2017
Project ECHO Role: clinic facilitator, pharmacist, researcher Albuquerque, NM	Jan. 2014 – Jun. 2017 Sept. 2019 – present
University of New Mexico Neurology Clinic (pediatric epilepsy) Role: pharmacist clinician Albuquerque, NM	Mar. 2013 – Jun. 2015

University of New Mexico Pain Center
Role: pharmacist clinician
Albuquerque, NM

Dec. 2012 – present

TEACHING

University of New Mexico College of Pharmacy, Doctor of Pharmacy Program

Advanced Pharmacy Practice Experience (APPE)

Preceptor

Complementary and Alternative Medicine (indirect patient care) Jul. 2017 – present

Clinical rotation (4 weeks), 2 students per year

(Contact hours: 2-4 hours/day)

Neurology/pain management (direct patient care) Aug. 2014 – present

Clinical rotation (4 weeks), 8-10 students per year

(Contact hours: 2-6 hours/day)

Research/longitudinal rotation Jun. 2019 – present

Research rotation, supervises students to accomplish research project, 1-2 students per year

(Contact hours: 2-4 hours/day)

Pharmaceutical Care Laboratory VI / Aspects of Patient Care Laboratory V (PHRM765/PHRM843, core course)

Instructor of record (IOR, course coordinator) Jan. 2014 – present

Co-IOR Aug. 2018 – Dec. 2019

Lecturer Feb. 2013 – present

Topics: neurological examination, pain management, opioid overdose, pharmacy simulation, article analysis, development of pharmacy formulary, clinical toxicology, cognitive assessment, mock rounds, OSCE

(Contact hours: 2-3 hours/lecture, 2-3 times/week, 16 weeks)

Aspect of Patient Care Laboratory IV (PHRM833, core course)

Co-IOR, lecturer Feb. 2019 – present

Topics: communication, article analysis, development of pharmacy formulary, biostatistics review, PPCP, OSCE

(Contact hours: 3 hours/lecture, 2 times/week, 16 weeks)

Aspect of Patient Care Laboratory III (PHRM823, core course)

Co-IOR Aug. 2020 – present

Topics: drug information, patient presentation, OSCE

(Contact hours: 3 hours/lecture, 2 times/week, 16 weeks)

Pharmacotherapy VI/IP 6 (PHRM752/PHRM845, core course)

Neurology module coordinator, lecturer Jan. 2013 – present

Topics: chronic pain, headaches, multiple sclerosis, epilepsy, pharmacokinetics of antiepileptic drugs, neuropathic pain

(Contact hours: 2 hours/lecture, 6 lectures per semester)

Evidence-Based Complementary and Alternative Medicine (PHRM798, elective course)

Instructor of record (course coordinator), lecturer Aug. 2014 – present

Topics: Herbal Medicine, Kampo Medicine, systematic article critique, evidence-based analysis of herbal medicine

(Contact hours: 2 hours/lecture, 4 lectures per semester)

Self-Care (PHRM719/PHRM815, core course)

Lecturer Aug. 2016 – present

Topic: Herbal Medicine

(Contact hours: 2 hours/lecture, 1 lecture per semester)

Pediatric Elective (PHRM798, elective course)

Lecturer Apr. 2016 – Apr. 2020

Topic: Pediatric Epilepsy

(Contact hours: 1 hour/lecture, 1 lecture per semester)

Introduction to Pharmacy Practice and Pharmaceutical Sciences (PHRM105, prepharmacy course)

Guest lecturer Mar. 2020 – present

Topic: Medication Therapy and Research Opportunities in Pharmacy and Pharmaceutical Sciences

(Contact hours: 1.75 hours/lecture, 2 lectures per semester)

Communication (PHRM807, core course)

Guest lecturer Nov. 2020

Topic: Communication with Difficult Patients

(Contact hours: 2 hours/lecture, 1 lecture per semester)

Nagasaki University School of Pharmacy

Introduction of Interdisciplinary Patient Care I Oct. 2019

Lecturer

Topic: Pharmacists' Patient Care Process (PPCP)

(Contact hours: 2 hours/lecture, 1-2 lectures per visit)

University of New Mexico Health Sciences Center Residency Program (Department of Family Medicine, School of Medicine)

Lunch seminar

Guest lecturer 2015 – 2017

Topic: Epilepsy and Antiepileptic Drugs, University of New Mexico, School of Medicine, Albuquerque, NM Topic: Pediatric Epilepsy

(Contact hours: 1 hour/lecture, 1 lecture per year)

**University of New Mexico Health Sciences Center Physician's Assistant Program
Clinical Pharmacy I**

Lecturer Dec. 2017 – present
Topics: Chronic pain, headaches, epilepsy
(Contact hours: 2 hours/lecture, 3 lectures per semester)

**Roseman University of Health Sciences College of Pharmacy
Complementary and Alternative Medicine**

Lecturer Jun. 2012 – present
Topics: Kampo Medicine, Kampo Medicine in Clinical Research,
Kampo for Women's Health
Henderson, NV and South Jordan, UT
(Contact hours: 2 hours/lecture, 2-3 lectures per visit)

**New Mexico Pharmacists Association
Physical Assessment Course**

Lecturer Apr. 2012
Topic: Neurological Examination
(Contact hours: 2 hours/lecture, 1 lecture)

**University of Kansas School of Pharmacy, Doctor of Pharmacy Program
Advanced Pharmacy Practice Experience (APPE)**

Preceptor Apr. 2011
Adult Neurology (direct patient care)
Clinical rotation (4 weeks), 1 student
(Contact hours: 2-6 hours/day)

Advanced Pharmacy Practice Experience (APPE)

Co-preceptor (assistant) Feb. – Mar. 2011
Adult Neurology (direct patient care)
Clinical rotation (4 weeks), 2 students
(Contact hours: 2-6 hours/day)

Clinical Pharmacognosy (MDCM606, elective course)

Lecturer Nov. 2011
Topic: Kampo Medicine
(Contact hours: 2 hours/lecture, 1 lecture)

Clinical Pharmacognosy (MDCM607, elective course)

Lecturer Apr. 2011
Topic: Kampo Medicine
(Contact hours: 2 hours/lecture, 1 lecture)

University of Kansas School of Nursing
Clinical Pharmacognosy (MDCM607, elective course)
Instructor of Record, lecturer
Topic: Pharmacology and Pharmacokinetics for Advanced
Practice Nursing
(Contact hours: 2 hours/lecture, 8 lectures/course)

Jun. - Jul. 2011

Saga National Hospital, Department of Pharmacy
Advanced Pharmacy Practice Experience (APPE)
Preceptor
Internal Medicine (direct patient care)
Clinical rotation (4 weeks), 1 student/year
(Contact hours: 2 hours/day)

Aug. 2001 – Mar. 2003

RESEARCH

Peer-reviewed publications

1. Kano M, Sussman A, Takeda M, Moya M, Alchbli A, Katzman G, Salvador JG, Bhatt S. “You’ve got to care to carry this stuff.” Community implications from take-home naloxone use: a qualitative study. *Journal of Substance Abuse Treatment*. 2020 Aug;115:108030. doi: 10.1016/j.jsat.2020.108030.
2. Salvador JG, Takeda MY, Katzman WG, Balasch MM, Katzman JG, Barriers to and Recommendations for Take-Home Naloxone Distribution: Perspectives from Opioid Treatment Programs in New Mexico. *Harm Reduct J*. 2020 May 13;17(1):31.
3. Katzman JG, Takeda M, Greenberg N, Moya M, Alchbli A, Katzman W, Salvador JG, Bhatt S. Association of Take-Home Naloxone and Opioid Overdose Reversals Performed by Patients in an Opioid Treatment Program. *JAMA Netw Open*. 2020 Feb 5;3(2):e200117. Cited by 4 journal articles.
4. Takeda M, Patel A, Fenton G, Energy drink-induced breakthrough seizure in a patient on valproic acid – considering herbal safety in epilepsy. *J Pharm Pract*. 2019 Oct;32(5):485-487. Cited by 2 journal articles.
5. Bachyrycz A, Wittstrom K, Bleske B, Takeda M, Opioid Overdose Response Training in Pharmacy Education: An Analysis of Students’ Perception of Naloxone Use for Opioid Overdose Prevention, *Currents in Pharmacy Teaching and Learning*. 2019 Feb;11(2):166-171. Cited by 5 journal articles.
6. Katzman JG, Greenberg N, Takeda MY, Balasch MM, Yonas H. Characteristics of Patients With Opioid Use Disorder Associated With Performing Overdose Reversals in the Community: An Opioid Treatment Program Analysis. *J Addict Med*. 2019 Mar-Apr; 13(2): 131–138. Cited by 7 journal articles.
7. Roberts MH, Takeda MY, Kindilien S, Barqawi YK, Borrego ME. Assessment of components included in published societal perspective or QALY outcome economic analyses for anti-epileptic drug treatment in chronic epilepsy. *Expert Review of Pharmacoeconomics & Outcomes Research*, 2018 Jun 28:1-17.
8. Hamidovic A, Candelaria L, Rodriguez I, Yamada M, Nawarskas J, Burge MR. Learning and Memory Performance Following Acute Intranasal Insulin

- Administration in Abstinent Smokers. *Human Psychopharmacology: Clinical and Experimental*, 2018 Mar;33(2):e2649. Cited by 1 journal article.
9. Katzman JG, Takeda MY, Bhatt S, Balasch MM, Greenberg N, Yonas H. An Innovative Model for Naloxone Use Within an OTP Setting: A Prospective Cohort Study. *J Addict Med*. 2018 Mar/Apr;12(2):113-118. Cited by 11 journal articles.
 10. Takeda MY, Smith MJ, Cone CJ. Debriefing to Improve Student Ability to Assess and Plan for the Care of Persons With Disability. *Simul Healthc*. 2017 Dec;12(6):356-363.
 11. Takeda MY, Katzman J, Dole E, Heinz-Bennett M, Alchbli A, Duhigg D, Yonas H. Co-prescription of Naloxone as a Universal Precaution Model for Patients on Chronic Opioid Therapy, *Substance Abuse journal*. 2016 April 19:0., Cited by 15 journal articles.
 12. Yamada M, Welty TE, Lai SM. Uncontrolled Seizures and Bone Health among Adult Epilepsy Patients. Thesis, University of Kansas Medical Center: University of Kansas Medical Center; 2013.
 13. Yamada M, Welty TE. Ezogabine: An Evaluation of Its Efficacy and Safety as Adjunctive Therapy for Partial-Onset Seizures for Adults. *Ann Pharmacother*. 2012 Oct;46(10):1358-67. Cited by 7 journal articles.
 14. Yamada M, Welty TE. Generic Substitution of Antiepileptic Drugs: A Systematic Review of Prospective and Retrospective Studies. *Ann Pharmacother*. 2011 Nov;45(11):1406-15. Cited by 68 journal articles.
 15. Yamada M, Azuma N. Practice Navigation for CDTM: Pharmacists' Roles in Outpatient Care in the US. *The Journal of Practical Pharmacy*. 2011 Oct;62(11):162-9. (Japanese, published in Japan)
 16. Yamada M, Welty TE. Generic Substitution of Antiepileptic Drugs: a Telephone Survey. *Ann Pharmacother*. 2010 May;44(5):938-9.
 17. Nakamura T, Yamada M, Teshima M, Nakashima M, To H, Ichikawa N, Sasaki H. Electrophysiological characterization of tight junctional pathway of rabbit cornea treated with ophthalmic ingredients. *Biol Pharm Bull*. 2007 Dec;30(12):2360-4. Cited by 58 journal articles.

Submitted Manuscripts to Peer-Reviewed Journals

1. Doyle, C., Herrera, N., Takeda, M., White, T., Bachyrycz A., Medical Cannabis Usage and Pharmacists' Perception on Aspects of the Patient Care Process. Submitted to *Journal of the American College of Clinical Pharmacy* (# 12-20-0427). December 2020.

Manuscript in preparation

1. Takeda M, Bleske B, Irie T, Kondo Y, Ishitsuka Y, Kai H. International Collaboration in Pharmacy Education – Introduction of Team-Based Learning in Pharmacotherapy. *Japanese Journal of Pharmaceutical Education*. To be submitted to *Am J Pharm Ed*.
2. Takeda M, Wittstrom K, Bleske B, Education of Complementary and Alternative Medicine in Pharmacy Curriculum. To be submitted to *Am J Pharm Ed*.

Online articles

1. Levetiracetam (update of serious adverse reaction). Drug Alerts and FDA News. Clinical Resources. American Epilepsy Society. Published in August 2016. Available at https://www.aesnet.org/clinical_resources/treatments/drug_alerts_fda_news
2. Drug interaction between AEDs and antivirals for Hepatitis C. Drug Alerts and FDA News. Clinical Resources. American Epilepsy Society. Published in December 2015. Available at https://www.aesnet.org/clinical_resources/treatments/drug_alerts_fda_news
3. Yamada M, Boyle J, Pedrotty M, Fenton G, Providing Epilepsy Care to Patients in Need: Project ECHO, Neurology Advisor, February 2015, available from <https://www.neurologyadvisor.com/author/mikiko-yamada-pharmd-ms-phc/>

Research Project (Clinical Research)

- Principal investigator, Pilot Study: Evaluating Identifying Factors Associated With Successful Migraine Treatment, University of New Mexico College of Pharmacy, Albuquerque, NM, Dec. 2020 – present (IRB approval, Dec. 2020, IRB ID: 20-650), the Winter Cycle 2020-21 College of Pharmacy Research Pilot Project Award, funded in Dec. 2020, funded amount: \$5,000.
- Principal investigator, Pilot Study: Evaluating Chronic Lower Back Pain Treatment Efficacy via Pain Inventory Analysis, University of New Mexico College of Pharmacy, Albuquerque, NM, Jul. 2020 – present (IRB approval, Jul. 2020, IRB ID: 20-372)
- Co-investigator, Opioid ECHO
 - Funded by NIH (CTSA Supplement grant), funded amount: salary support (20%)
- Principal investigator, Cannabis survey among pharmacists in New Mexico, University of New Mexico College of Pharmacy, Albuquerque, NM, Mar. 2019 – present (IRB approval, May 2019)
- Co-investigator, Naloxone use among patients treated with medication-assisted treatment
 - Funded by NM STR Opioid Initiative (New Mexico Human Services Department), funded amount: salary support (5-7%)
- Project leader, Safe use of opioid at the University of New Mexico Pain Center, Mar. 2018 – present
- Panelist, Development of Patient education materials for patients with epilepsy, 2018 and 2016
 - Sponsored by UCB Pharma, funded amount: \$3,300
- Co-investigator, Naloxone Auto-Injector Used as Universal Precautions for Patients with Opioid Substance Use Disorder (DSM-V), University of New Mexico Addiction and Substance Abuse Program, NM, Mar. 2015-present (IRB approval: Mar. 2016)
 - Funded by Kaleo Pharma, May 2015, funded amount \$176,000 for study supply and a full-time research assistant at Department of Neurosurgery
 - Unfunded by Eugene Washington PCORI Engagement Award, Evaluation of Patterns of Naloxone Use Among Medication-Assisted Treatment Population, possible funding amount \$250,000 total, Sept. 2017.
- Co-investigator, Intranasal Naloxone Used as a Universal Precautions for Chronic Non Cancer Pain Patients on Long Term Opioid Medication, University of New Mexico Pain

Consultation and Treatment Center, Albuquerque, NM, Jul. 2013 – present (IRB approval, Apr. 2014)

- Collaborated with the New Mexico Department of Health
- Co-investigator, Uncontrolled Seizures and Bone Health among Adult Epilepsy Patients. University of Kansas Medical Center, Kansas City, KS, Jun. 2012- Dec. 2013
- Co-investigator, clinical study coordinator, Investigational New Drug holder, Keishibukuryogan (Japanese herbal supplement) for the adjunctive treatment of catamenial epilepsy in adult; safety study.
 - Funded by Epilepsy Foundation. Jan. 2011- Jul. 2012. Research and training fellowships for clinicians (award number.188345), funded by the Epilepsy Foundation, Nov. 2010, funded amount \$50,000/year
 - Unfunded by National Center for Complementary and Alternative Medicine, National Institute of Health Exploratory/Developmental (R21) award mechanism, Advancing Novel Science in Women’s Health Research (ANSWHR); possible funding amount \$27,500 total, Oct. 15, 2011
- Principal investigator, Analysis of Disinfectant Use in Saga National Hospital, Saga Japan, 2003

Research Project (Educational Research)

- Co-investigator, “Standardized Patient Assessment of Communications in Pharmacy and Medical Students,” principal investigator: James Nawarskas, Pharm.D. (2018), the 2018-2019 AACP Scholarship of Teaching and Learning (SOTL) Grant, funded in Jun. 2018, funded amount: \$3,621 for study supply and standardized patients.
- Co-investigator, Naloxone – Students’ perception of naloxone prescription authority (2017)
- Principal investigator, Team-Based Learning at a Japanese Pharmacy School (2016)
- Principal investigator, Complementary and Alternative Medicine (CAM), article analysis in CAM (2016)

Research Project (Basic Research)

- Co-investigator, Electrophysiological Characterization of Tight Junctional Pathway of Rabbit Cornea Treated with Absorption Enhancers, Nagasaki Japan (2002-2003)

POSTER PRESENTATIONS

International Conferences

- Miyakoda M, Takeda M, Fumoto S, Nakashima M, Kitazato K, Tashiro H, Hunter T, Bleske B. Development of a Public Health Educational Program for Pharmacy Students – Arrhythmia Screening. Japan Society for Pharmaceutical Education 5th annual meeting (virtual). Sept. 2020. Japan
- Takeda MY (presenter), Kindilien S, Roberts M, Barqawi Y, Borrego M. Systematic Review of Societal Perspective or QALY Outcome Economic Analyses for Antiepileptic Drug Therapy in Chronic Epilepsy. American Epilepsy Society annual meeting, Dec. 2018, New Orleans, LA
- Takeda MY (presenter), Balasch MM, Greenberg N, Katzman JG. Take-Home Naloxone for Patients with Opioid Use Disorder - Successful Opioid Reversals -, American Society

- of Addiction Medicine 49th Annual Conference, Apr. 2018, San Diego, CA
- Katzman JG (presenter), Takeda MY (presenter), Bhatt S, Balasch MM (presenter), Greenberg N, Yonas H, Lives Saved with Take-Home Naloxone for Patients in Medication Assisted Treatment, American Society of Addiction Medicine 48th Annual Conference, Apr. 2017, New Orleans, LA
- Takeda MY (presenter), Patel A, Fenton G. A breakthrough seizure associated with initiation of energy drink containing herbal extracts. American Epilepsy Society annual meeting, Dec. 2016, Houston, TX
- Takeda MY, Chaney M (presenter), Olivas C, Fisch B, Imerman K. Epilepsy across the Lifespan ECHO – Innovative Tele-Mentoring and Case Management Clinic for Epilepsy Care. American Epilepsy Society annual meeting, Dec. 2016, Houston, TX
- Yamada M (presenter), Fenton G. Child & Youth Epilepsy (CYE) teleECHO – innovative tele-mentoring clinic for child and youth epilepsy care. American Epilepsy Society annual meeting, Dec. 2014, Seattle, WA

National Conferences

- Doyle C (presenter), Herrera N (presenter), Takeda M, Bachyrycz A, White T, Are you ready? Pharmacists in New Mexico Jump Aboard the Cann-A-Bus. Dec. 2019, the 2019 American Society of Health-System Pharmacists Midyear and Clinical Meeting and Exhibition, Las Vegas, NV.
- Takeda MY (presenter), Bachyrycz A, Nawarskas J, Anderson J, Vilay MA, Dodd MA, Wittstrom KM, Barry Bleske, Naloxone study – a gap between students' perception and ability in opioid overdose education and naloxone use. July 2018, American Association of Colleges of Pharmacy annual meeting, Boston, MA
- Takeda MY (presenter), Wittstrom K, Bleske BE, Education of Complementary and Alternative Medicine in Pharmacy Curriculum. July 2017, American Association of Colleges of Pharmacy annual meeting, Nashville, TN
- Patel A (presenter), Takeda MY, Fenton GA, A breakthrough seizure associated with the initiation of an energy drink containing herbal extracts: a case report, Dec. 2015, the 2015 American Society of Health-System Pharmacists Midyear and Clinical Meeting and Exhibition, New Orleans, LA.
- Smith M (presenter), Yamada M, Cone C, Debriefing to Improve Student Ability to Assess and Plan for the Care of Persons with Disability, Jul. 2015, American Association of Colleges of Pharmacy annual meeting, Washington, D.C.
- Yamada M, Lai SM, Welty TE, Uncontrolled Seizures and Bone Health among Adult Epilepsy Patients, Oct. 2013, the 2013 American College of Clinical Pharmacy, annual meeting, Albuquerque, NM
- Yamada M, Analysis of Current Disinfectant Use in Saga National Hospital, Mar. 2003, organized by Pharmaceutical Society of Japan, 123rd annual meeting in Nagasaki, Japan
- Yamada M, Electrophysiological Characterization of Tight Junctional Pathway of Rabbit Cornea Treated with Preservatives in Eye Drops, Oct. 1999, organized by Japanese Society for Study of Xenobiotics, the 14th annual meeting in Shizuoka, Japan
- Yamada M, Electrophysiological Characterization of Tight Junctional Pathway of Rabbit Cornea Treated with Absorption Enhancers, Mar. 1999, organized by Pharmaceutical Society of Japan, 199th annual meeting in Tokushima, Japan

Local Conferences

- Louie M (presenter), Briones S (presenter), Takeda MY, Balasch MM, Bhatt S, Greenberg N, Katzman JG, Necessity of Take-Home Naloxone in Patients Undergoing Medication-Associated Treatment for Opioid Use Disorder: A Prospective Cohort Study, American College of Physicians 2017 New Mexico Chapter meeting, Nov. 2017, Albuquerque, NM
- Sible A (presenter), Nawarskas J, Anderson J, Takeda M, Hunter T, Utilizing student pharmacists to identify and address gaps in cardiovascular care through use of a Disease State Questionnaire. Jun. 2017, University of New Mexico Pharmacy Resident Poster Session, University of New Mexico Health Sciences Center, Albuquerque, NM
- Katzman JG (presenter), Takeda MY (presenter), Bhatt S, Balasch MM (presenter), Greenberg N, Yonas H, Lives Saved with Take-Home Naloxone for Patients in Medication Assisted Treatment, Mar. 2017, Neuroscience Day 2017, University of New Mexico Health Sciences Center, Albuquerque, NM

INVITED PRESENTATIONS (podium presentations)

International conferences or invited lecture by universities outside the United States

- “Pharmacists’ Patient Care Process.” Oct. 2019, presented for Nagasaki University School of Pharmacy, Nagasaki City, Nagasaki, Japan
- “Medication Failure – Possible Reasons and Remedies – Herbal Medicine Use and Antiepileptic Drugs” Dec. 2018, organized by the 72nd American Epilepsy Society Annual Meeting SIG Committee (Neuropharmacology), New Orleans, LA
- “Co-prescription of Naloxone as a Universal Precautions Model for Patients on Chronic Opioid Therapy – Observational Study.” Oct. 2016, presented for HIGO Program, Kumamoto University, Kumamoto City, Kumamoto, Japan
- “Pharmacy Education in the United States and Pharmaceutical Care Laboratory,” Mar. 2016, presented for Kumamoto University, Kumamoto City, Kumamoto, Japan
- “Project ECHO for the Improvement of Community-Based Healthcare and Rural Healthcare,” Mar. 2016, presented for a work group for improvement of community healthcare in Kanagawa Prefecture (members: physicians, pharmacists, nurses, senators of the congress in Japan, etc.), Yokohama City, Kanagawa, Japan
- “Project ECHO for the Improvement of Community-Based Healthcare and Rural Healthcare,” Mar. 2016, presented for Hokkaido University, Sapporo City, Hokkaido, Japan
- “Roles of Pharmacist and Pharmacist Clinicians in the United States,” Nov. 2014, presented for Shujitsu University, Okayama, Japan
- “Pharmacy Education in the United States and Pharmacy Faculty’s Roles for Clinical Rotations,” Nov. 2014, presented for Nagasaki University, Nagasaki City, Nagasaki, Japan (selected speaker as a best alumnus at Nagasaki University)
- “Adverse Reactions of Antiepileptic Drugs – Do Mechanisms of Action Matter?” Dec. 2013, organized by the 67th American Epilepsy Society Annual Meeting SIG Committee (Neuropharmacology), Washington, D.C.
- “Roles of Pharmacist Clinicians in New Mexico and How Pharmaceutical Care Laboratory Contributes to Pharmacy Education,” Sept. 2013, presented for Showa University, Tokyo, Japan

- “Pharmaceutical Care Laboratory – Translating Clinical Knowledge into Clinical Skills,” Sept. 2013, organized by the 13th Asian Conference on Clinical Pharmacy Committee, Haiphong, Vietnam
- “Pharmacy Education in the United States and Pharmaceutical Care Laboratory,” Sept. 2013, presented for Nagasaki University, Nagasaki City, Nagasaki, Japan

National conferences

- “Herbal Medicine (*continuing education*),” Jun. 2018 and Jun. 2019, organized by Project ECHO – Pain ECHO subgroup,
- “Complementary and Alternative Medicine (CAM): Vitamins, Minerals, Supplements (*continuing education*),” Feb. 2017, organized by Project ECHO – Seizures and Spells ECHO subgroup
- “Pharmacokinetics of Antiepileptic Drugs (*continuing education*),” Dec. 2016, organized by Project ECHO – Epilepsy Across the Lifespan Epilepsy ECHO subgroup
- The Use of Naloxone and Proper Disposal of Opioid Medications: Approaching the Problem from the Back End, Apr. 2016, Indian Health Service Essential Pain and Addiction Training
- “Adverse Reactions of Antiepileptic Drugs – Do Mechanisms of Action Matter? Part 1 (*continuing education*),” Oct. 2015, organized by Project ECHO – Epilepsy Across the Lifespan ECHO subgroup
- “Adverse Reactions of Antiepileptic Drugs – Do Mechanisms of Action Matter? Part 2 (*continuing education*),” Oct. 2015, organized by Project ECHO – Epilepsy Across the Lifespan ECHO subgroup
- “Reproductive Health (*continuing education*),” Feb. 2015, organized by Project ECHO – Child & Youth Epilepsy ECHO subgroup
- “Complementary and alternative medicine in epilepsy (*continuing education*),” Nov. 2014, May 2015, May 2016, organized by Project ECHO – Epilepsy Across the Lifespan Epilepsy ECHO subgroup/Child & Youth Epilepsy ECHO subgroup
- “Abortive agents (*continuing education*), Oct. 2014, May 2015, organized by Project ECHO – Child & Youth Epilepsy ECHO subgroup
- “Intranasal naloxone used as universal precautions for chronic, noncancer pain patients on long-term opioid medication.” Apr. 2015, National Rx Drug Abuse Summit, co-presenter: Ernie Dole, Pharm.D., Atlanta, GA
- “Antiepileptic drugs -- choosing and using-- (*continuing education*),” Oct. 2014, May 2015, organized by Project ECHO – Child & Youth Epilepsy ECHO subgroup
- “Pharmacological treatment for osteoarthritis (*continuing education*),” Aug. 2014, May 2015, Apr. 2016, Jul. 2017, organized by Project ECHO – Rheumatology ECHO subgroup, performed at the University of New Mexico, Albuquerque, NM
- “Pharmacist Roles in Pediatric Epilepsy Care (*continuing education*),” Apr. 2014, organized by Project ECHO – Child & Youth Epilepsy ECHO subgroup

State conferences

- “Medical Cannabis and Pharmacists: Another Cook to Stir the Pot” (*continuing education*). Jan. 2020, 2020 Mid-Winter Meeting, New Mexico Pharmacists Association, Albuquerque, NM

- “Pain Management” (*continuing education for nurses*) Oct. 2018, invited by New Mexico Developmental Disabilities Nurses Association, Albuquerque, NM
- “Naloxone studies: University of New Mexico Hospital Clinics,” Sept. 2017, presented for the New Mexico Prescription Drug Misuse and Overdose Prevention and Pain Management Advisory Council (governor’s council meeting), co-presenters: Katzman JG, Dole E, Albuquerque, NM
- “Epilepsy Updates – Newer Antiepileptic Drugs and Rescue Aid” (*continuing education*). Jun. 2017, The 88th Annual Convention, New Mexico Pharmacists Association, Albuquerque, NM
- “Newer Antiepileptic Drugs” (*continuing education*), Oct. 2016, Balloon Fiesta Symposium, New Mexico Society of Health-System Pharmacists, Albuquerque, NM
- “Opioid overdose prevention project at University of New Mexico Pain Center -- Naloxone Study –,” Oct. 2015, New Mexico Drug Abuse & Overdose Summit, organized by New Mexico Osteopathic Medical Association, Albuquerque, NM
- “ADHD and epilepsy,” Jun. 2015, co-presenter: Mark Pedrotty, Ph.D., organized by Project ECHO – Child & Youth Epilepsy ECHO subgroup, Shiprock, NM
- “Intranasal Naloxone as Universal Precautions for Chronic, Noncancer Pain Patients on Chronic Opioid Therapy,” Apr. 2015, organized by New Mexico Pain Society, Albuquerque, NM
- “Pharmacology of antiepileptic drugs” (*continuing education for nurses*) Oct. 2014, invited by New Mexico Developmental Disabilities Nurses Association, Albuquerque, NM
- “Intranasal naloxone used as universal precautions for chronic, noncancer pain patients on long-term opioid medication,” Sept. 2014, presented for the New Mexico Prescription Drug Misuse and Overdose Prevention and Pain Management Advisory Council (governor’s council meeting), Albuquerque, NM

Local seminars

- “Opioid – The Evolving Epidemic (continuing education),” July 2019, organized by University of New Mexico College of Pharmacy Clinical Affairs Committee, co-presenters: Warrick B. Bachyrycz A., Albuquerque, NM
- “Preventing and Reducing Opioid Overdose: Striving for Research and Service Excellence at the University of New Mexico College of Pharmacy.” Dec. 2016, University of New Mexico Pharmacy Practice and Administrative Sciences seminar series, co-presenters: Bakhireva L, Smolinske S, Bachyrycz A, Raisch D, Albuquerque, NM
- “Abortive Agents for Prolonged Seizures,” Nov. 2016, presented for University of New Mexico School of Medicine Department of Neurology pediatric physicians, co-presenter: Galves E, Albuquerque, NM
- “Multiple Sclerosis (MS) – newest MS drugs –.” Jun. 2016, presented for Ventegra Clinical Advisory Committee (2016 annual meeting), San Diego, CA
- “Intranasal naloxone used as universal precautions for chronic, noncancer pain patients on long-term opioid medication.” University of New Mexico College of Pharmacy PEPPOR seminar series, Sept. 2015, Albuquerque, NM
- “Antiepileptic drugs – newest antiepileptic drugs –.” Nov. 2014, presented for Ventegra Clinical Advisory Committee, Cypress, CA

- “Pharmaceutical Care Laboratory (PCL) Translating Clinical Knowledge into Clinical Skills,” Feb. 2015, Nov. 2014, presented for Kumamoto University HIGO program faculty and students, Albuquerque, NM
- “Herbal medicine: Safe or unsafe?” Jun. 2014, presented for College of Pharmacy Staff Council, Albuquerque, NM
- “Herbal medicine: Safe or unsafe?” May 2014, presented for the Integrative Medicine Educational Exchange program, Albuquerque, NM
- “How to Avoid Misuse of Medications,” Nov. 2004, organized by Saga Pharmaceutical Association, Saga, Japan
- “Analysis of Current Disinfectant Use in Saga National Hospital,” Nov. 2002, organized by National Hospitals and sanitariums in Saga and Nagasaki branches, annual meeting, Nagasaki, Japan
- “Bedside Patient Education and Critical Path (Clinical Pathway),” Nov. 2000, organized by National Hospitals and sanitariums in Saga and Nagasaki branches, annual meeting, Saga, Japan
- “Supportive Care for Cancer Patients: How to Avoid and Treat Severe Side Effects of Anticancer Medication,” Jul. 2000, organized by National Hospitals and Sanitariums in Kyushu branches, annual meeting in Kumamoto, Japan

MANUSCRIPT AND GRANT REVIEWER

- | | |
|----------------------------------------------------------------------------------------------------------------------------|---------------------|
| • JAMA Network Open | Jan. 2021 – present |
| • American College of Clinical Pharmacy Pharmacotherapy Self-Assessment Program (PSAP) Chapter reviewer (epilepsy section) | Jan.2018 – May 2018 |
| • American Journal of Pharmaceutical Education | Nov. 2016 – present |
| • American Journal of Pharmacy Benefits | Nov. 2016 – present |
| • American Journal of Health-System Pharmacy | Aug. 2016 – present |
| • Substance Abuse journal | Jul. 2016 – present |
| • Substance Abuse and Mental Health Services Administration (SAMHSA) grant reviewer, topic: opioid overdose prevention | |
| ○ Grant ID: SP-16-005 | Summer 2016 |
| ○ Grant ID: TI-18-014 | Summer 2018 |
| ○ Grant ID: TI-19-004 | Summer 2019 |
| • American Journal of Managed Care | Feb. 2016 – present |

PROFESSIONAL AFFILIATIONS

- | | |
|-------------------------------------------------------------------------------------------------------|------------------------|
| • Academy of Integrative Pain Management (AIPM, formerly American Academy of Pain Management), member | Sept. 2016 – Dec. 2018 |
| • New Mexico Pharmacists Association (NMPhA), member | Jun. 2016 – present |
| • New Mexico Society of Health-System Pharmacists (NMSHP), member | Sept. 2012 – present |
| • American Association of Colleges of Pharmacy (AACP), member | Sept. 2012 – present |

- Global Education SIG
- Laboratory SIG
- Substance Abuse SIG
- American Epilepsy Society, member Nov. 2010 – present
- Neuropharmacology SIG member Nov. 2010 – present
- Neuropharmacology SIG co-chair Jan. 2017 – present
- American College of Clinical Pharmacy (ACCP), member Sept. 2009 – present
- Pain and Palliative Care PRN
- Neurology PRN
- American Pharmacist Association (APhA), member Oct. 2007 – Aug. 2016
- Pharmaceutical Society of Japan, member Mar. 1999 – present

SERVICE AND COMMITTEE WORK

University of New Mexico College of Pharmacy

- Curriculum and Learning Assessment Committee Jan. 2020 – present
- College of Pharmacy Research Day, poster judge Apr. 2017 – Apr. 2019
- International coordinator for visiting scholars from Japan Oct. 2016 – present
- Class advisor (Class of 2020) Oct. 2016 – May 2020
- Faculty search committee for Department of Pharmaceutical Sciences, member Jun. 2017 – Mar. 2018
- Faculty search committee (Ambulatory Care/General Medicine) for Department of Pharmacy Practice and Administrative Sciences, member Jun. 2016 – Apr. 2017
- Clinical Affairs Committee, member Mar. 2016 – present
- Research and scholarship committee, member Jan. 2015 – Feb. 2016
- Faculty search committee (Director of Experiential Education), member Sept. 2014 – Aug. 2015
- Faculty development committee, member Jan. 2014 – present
- Pharmaceutical care laboratory task force, member Jan. 2014 – Jun. 2014
- Generation Rx, co-organizer Nov. 2013 – Jul. 2014

University of New Mexico Health Sciences Center

- Project ECHO Continuing Medical Education Advisory Board member May 2019 – present
- Human Research Protection Office (Investigational Review Board), member, protocol reviewer May 2017 – present
- Data safety monitoring board member, principal investigator: Howard Yonas, M.D., study title: Clinical Action of Curcumin/Turmeric In Chronic Subdural Hematoma Recurrence (CACTIS) Apr. 2018 – present
- Data safety monitoring board member, principal investigator: Ajna Hamidovic, Phram.D., study title: Intranasal Insulin as a Treatment for Weight Management During Smoking Cessation Jun. 2014-Jul. 2016

University of New Mexico

- International Liaisons, College of Pharmacy representative Jun. 2018 – present

Professional Organizations/Institutions

- Neuropharmacology SIG, co-chair, American Epilepsy Society Jan. 2017 – Dec. 2021
- First Choice Community Healthcare, Pain Conference, role: clinical pharmacist, consultant in pain management Jul. 2016 – present
- Treatments Committee, committee member, American Epilepsy Society Jan. 2015 – present

Volunteer activities

- The 12th Annual Meeting of Japanese Society for Pharmaceutical Palliative Care and Sciences, role: workshop facilitator, Tokyo, Japan May 27, 2018
- New Mexico Brain and Behavioral Health Institute, role: member, speaker, office location: Albuquerque, NM Jun. 2018 – present
- Pharm.D. Club (a Japanese pharmacist society for students, pharmacists, and pharmacy educators to improve clinical pharmacy education), role: member, educator, office location: Tokyo, Japan Jun. 2008 – present

Consultant work

- Panelist, Pharmacist Working Group, identification of gaps in epilepsy care, roles of pharmacists for patients with epilepsy, sponsored by UCB Pharma, Apr. 2018 – Dec. 2018, Atlanta, GA, funded amount \$1,200
- Reviewer/presenter, “Multiple Sclerosis (MS) – newest MS drugs –.” Jun. 2016, presented for Ventegra Clinical Advisory Committee, San Diego, CA, sponsored by Ventegra Inc., Glendale, CA.
- Panelist, Development of Patient education materials for patients with epilepsy, sponsored by UCB Pharma, Jun. 2015, Atlanta, GA, funded amount: \$3,300
- Reviewer/presenter, “Antiepileptic drugs – newest antiepileptic drugs –.” Nov. 2014, presented for Ventegra Clinical Advisory Committee, Cypress, CA, sponsored by Ventegra Inc., Glendale, CA.

AWARDS AND HONORS

- Faculty Appreciation Award (selected by third-year pharmacy students), Apr. 2018
- Visiting professor, Kumamoto University, Kumamoto, Japan, Oct. 2016
- Best alumnus, Nagasaki University, Nagasaki, Japan, Nov. 2014
- Visiting Professor, Shujitsu University, Okayama, Japan, Nov. 2014
- Visiting Professor, Nagasaki University, Nagasaki, Japan, Sept. 2013
- Walgreens Diversity Scholarship, Apr. 2009, awarded \$2,000
- Saga Prefectural Scholarship for privately funded post-graduate students studying abroad, 2006- 2007, awarded 3,600,000 yen (\$48,000 value) total
- Japan Student Services Organization (JASSO) scholarship for bachelor’s degree student, Type 1, Apr. 1994 – Mar. 1999

- Japan Student Services Organization (JASSO) scholarship for master's degree student, Type 1, Apr. 1999 – Mar. 2000
- Exempted one-half of academic tuition by Nagasaki University, Sept. 1994 – Mar. 2000, for high academic performance

MENTORING

University of New Mexico

Mentee: Rose Chavez (undergraduate student) Feb. 2017 – Aug. 2019
 Project: Roles of pharmacist and pharmacist clinicians in pain management

University of New Mexico College of Pharmacy Research Project

Mentee: Aaron Koslow (P2), Rachel E Crusius (P3) Dec. 2020 – present
 Project: Evaluating Identifying Factors Associated with Successful Migraine Treatment

Mentee: Aaron Koslow (P2), Rachel E Crusius (P3) Jan. 2020 – present
 Project: Evaluating Chronic Lower Back Pain Treatment Efficacy via Pain Inventory Analysis

Mentee: Natalie Herrera (P4) Jun. 2020 – present
 Project: Opioid ECHO Curriculum Analysis

Mentee: Natalie Herrera (P3), Chaniece Doyle (P4) Oct. 2018 – present
 Project: Cannabis Survey among Pharmacists in New Mexico

University of New Mexico College of Pharmacy Faculty Mentoring

Mentee: Amre A Elmaoued, Pharm.D. (assistant professor) Dec. 2020 - present

University of New Mexico College of Pharmacy Student Mentoring (UNM COP CARES!)

Mentee: College of Pharmacy students, 9-10 students/year Jan. 2018 – present

University of New Mexico Pharmaceutical Sciences

Clinical mentor at University of New Mexico Pain Clinic Nov. 2017 – present
 Mentees: Chrystabel Chinye, Hannah Avery (2019)
 Mentee: Liam Wade (2018)
 Mentees: Adnan Hassan, Will Mclain (2017)
 Students at University of Bath (United Kingdom)
 Project: Learn roles of pharmacist clinicians in the United States

Kumamoto University School of Pharmacy Student Exchange Program

Mentee: Masataka Moriuchi (Ph.D. candidate) Aug. 2018 – Sept. 2018
 Project: Learn roles of pharmacist clinicians in the United States and learn US pharmacy education

Menaul High School (Albuquerque, NM)

Capstone project mentor Feb. 2017 – May 2017
Mentee: Nancy Shemeza
Project: Pharmacists' Roles in Healthcare

Research mentor, dissertation committee member Feb. 2020 – present
Mentee: Shannon Kindilien, Ph.D. candidate
Title of dissertation: All-Cause 30-Day Non-Elective Readmissions
Among Adults with An Index Visit for Status Epilepticus In The
United States

Research mentor, dissertation committee member
Mentee: Mark Smith, Ph.D. candidate
Title of dissertation: A Formative Study on Design Theory for Long
Care Objective Structured Clinical Examinations with Addition of
Debriefing

University of New Mexico School of Medicine

Research mentor Sept. 2014 – Dec. 2017
Mentees: Michael Louie, Stephanie Briones (graduated in 2018)
Title of research: Necessity of Take-Home Naloxone in Patients
Undergoing Medication-Associated Treatment for Opioid Use
Disorder: A Prospective Cohort Study

Mentee: Sterling Williams (graduated in 2016) Sept. 2013 – May. 2016
Title of research: Intranasal Naloxone Used as Universal
Precautions for Chronic Non Cancer Pain Patients on Long Term
Opioid Medication

University of New Mexico College of Pharmacy

Research mentor (2014 Pharm.D. Summer Research Fellowship
Program Project) Mar. 2014 – May 2015
Mentee: David Martin
Title of research: Optimizing plant-derived lipophilic drug action by
isotopic modifications using specialized delivery systems

SECOND LANGUAGE SKILLS

- Proficient in Japanese

REFERENCES

- Available upon request