

ALBERT BACH, Pharm.D., APh

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EDUCATION & TRAINING

June 2013	PGY-1 Residency in Community Pharmacy Practice Experience: Collaborative practice, ambulatory care, immunizations, travel health University of Southern California, School of Pharmacy & CliniCare Pharmacy Los Angeles, CA
May 2012	Pharm.D., Doctor of Pharmacy Western University of Health Sciences, College of Pharmacy Pomona, CA
May 2008	B.S., Biological Sciences California State University, Fullerton Fullerton, CA

TEACHING & PROFESSIONAL POSITIONS

6/2014 – Present	Assistant Professor Department of Pharmacy Practice Chapman University, School of Pharmacy Irvine, CA
6/2019 – Present	Faculty-in-Residence (Clinical Ambulatory Care Pharmacist) Providence/St. Joseph Health System St. Joseph's Medical Group & St. Mary High Desert Medical Group Orange, CA & Hesperia, CA
10/2018 - Present	Faculty-in-Residence (Pharmacist) PrescribeWellness Center at Chapman University, School of Pharmacy Irvine, CA
10/2018 – Present	Pharmacist (per diem) Newport Coast Pharmacy & Compounding Center Newport Beach, CA
10/2014 – 10/2018	Faculty-in-Residence (Pharmacist) Newport Coast Pharmacy & Compounding Center Newport Beach, CA
8/2013 – 6/2014	Clinical Pharmacist I, Medication Reconciliation Services UCLA Ronald Regan Medical Center Los Angeles, CA
9/2012 – 10/2013	Pharmacist CliniCare Pharmacy Northridge, CA
7/2012 – 6/2013	Adjunct Assistant Professor of Pharmacy Practice

University of Southern California, School of Pharmacy
Los Angeles, CA

7/2009 – 12/2012 Intern Pharmacist, Outpatient Pharmacy
Kaiser Permanente Foundation
Chino, CA & Fontana, CA

CREDENTIALS

2020	MedWise Advisor™ Pharmacist Certificate
2018 - Present	Advanced Practice Pharmacist; California (APH 10377)
2017	APhA Pharmacy-based Immunization Certificate
2016	APhA Pharmacy-based Travel Health Services Certificate
2015	NACDS Community Pharmacy-based Point-of-Care Testing Certificate
2013	USC Professional Skills Development Teaching Certificate
2012 – Present	Registered California Pharmacist (RPH 67326)
2008	WesternU Adolescent and Adult Immunization Certificate
2000 – Present	Basic Life Support (BLS) Certification

TEACHING FOCUS

self-care, over-the-counter products, community pharmacy, ambulatory care, non-sterile compounding

SCHOLARSHIP

Peer Reviewed

1. Hess K, **Bach** AT, Won K, Seed SM. Community Pharmacists Roles During the COVID-19 Pandemic. *J Pharm Pract.* 2020 Dec 15:897190020980626. doi: 10.1177/0897190020980626. Epub ahead of print. PMID: 33317371.
2. **Bach** AT, Kang AY, Lewis J, Xavioer S, Portillo I, Goad JA. Addressing common barriers in adult immunizations: a review of interventions. *Expert Rev Vaccines.* 2019:1-19.
3. **Bach** AT, Goad JA. Using Community Pharmacy Immunization Screening Forms to Identify Potential Immunization Opportunities. *Pharmacy.* 2019;7(4):160.
4. **Bach** AT, Goad JA, and Nickell S. A Guide to the California Immunization Registry and its Use to Enhance the Delivery of Immunization Services. *Journal of Contemporary Pharmacy Practice.* 2017; 64(2): 42-46.
5. Gregorian T, **Bach** AT, Hess K, Hurley K, Mirzaian E, Goad JA. Implementing Pharmacy Based Travel Health Services: Insight and Guidance From Front Line Practitioners. *California Pharmacist.* January 2017.
6. **Bach**, A. and Goad, J. Applying the Pharmacists Patient Care Process to Immunization Services: A Resource Guide for Pharmacists. American Pharmacists Association, 2017. Supported by Cooperative Agreement Number, IH23IP000984, funded by the Centers for Disease Control and Prevention. <https://www.pharmacist.com/press-release/apha-offers-resource-guide-applying-pharmacists-patient-care-process-immunization>
7. **Bach**, A. and Gregorian, T. Vaccine Adverse Event Reporting System: A Resource Document for Pharmacist. American Pharmacists Association, 2016. Supported by Cooperative Agreement Number, IH23IP000984, funded by the Centers for Disease Control and Prevention.
8. **Bach**, AT and Goad, JA. The Role of Community-Pharmacy Based Vaccination in the USA: Current Practice and Future Directions. *Integrated Pharmacy Research and Practice.* July 2015:4, 67-77.
9. Rangel NA, Lin L, Rakariyatham K, **Bach** AT, Trinh K, Clement MH, Srinivasan C.

Unincorporated iron pool is linked to oxidative stress and iron levels in *Caenorhabditis elegans*. *Biometals*. 2012 Oct;25(5):971-85. doi:10.1007/s10534-012-9563-5. Epub 2012 Jun 9. PubMed PMID: 22684251.

Book Chapters

1. **Bach**, AT., Walsh, A., Hess, K. Sexually Transmitted Diseases. In: *Applied Therapeutics: The Clinical Use of Drugs, 12th ed.*, Zeind CS, Carvalho MG (Eds), Lippincott Williams & Wilkins. In Press. 2021
2. **Bach**, AT. Fungal Skin Infections. In: Handbook of Nonprescription Drugs Quick Reference, Mospan C, Wilhelm, M. (Eds), American Pharmacists Association. 2019.
3. **Bach**, AT. Insomnia. In: Handbook of Nonprescription Drugs Quick Reference, Mospan C, Wilhelm, M. (Eds), American Pharmacists Association. 2019.
4. **Bach**, AT. Appendix 3: FDA Pregnancy Risk Categories. In: Handbook of Nonprescription Drugs Quick Reference, Mospan C, Wilhelm, M. (Eds), American Pharmacists Association. 2019.
5. Goad, J., Hess, K., and **Bach**, AT. Sexually Transmitted Diseases. In: *Applied Therapeutics: The Clinical Use of Drugs, 11th ed.*, Zeind CS, Carvalho MG (Eds), Lippincott Williams & Wilkins. Chapter 72, 2017.

Other Publications

1. Lewis J, **Bach** A. Immunization Update 2020: A Focus on Medical Indications for Vaccines in Adults. *RxConsultant*. February 2021. (ACPE 0428-0000-21-001-H06-P, 0.2 CEU). <https://rxconsultant.com/immunization-update-2021>
2. **Bach** A, Lewis J, Yoo S. What's the Big Deal about Statins? Inter Valley Health Plan blog. October 2020. <https://blogs.ivhp.com/2020/10/16/whats-the-big-deal-about-statins/>
3. Lei, A, Goad, J, **Bach**, A. Improving Adherence With Immunization Schedules. *Supplements, Immunization Supplement, Volume 84, Issue 2*. February 2018
4. **Bach**, A., Chang, J., Khuong, T., Mojica, B., Nguyen, M. Patel, D., Saekoh, S., Teston, M., Tjon, C., Gupta, E., Hoffman, J., Hess, K. California Pharmacy Student Leadership (CAPSLEAD) Research Participant. Dextromethorphan Abuse: Possible Roles for Pharmacists and Student Pharmacists. Poster presentation at the American Pharmacists Association Annual Meeting; Washington D.C., March 2010.

Abstracts

1. Nguyen H, Tran M, Nguyen T, **Bach** A, Lewis J. Physician Satisfaction with Clinical Pharmacy Services Using Collaborative Practice Agreement in Team Based Care. Virtual Poster Presentation at 2020 APhA Annual Meeting. May 2020. APhA-APPM Presentation Merit Award Winner
2. Candy L., Khandjian K., **Bach** A., Xavioer S. Assessment of knowledge, attitudes, and behaviors in over-the-counter medication counseling by California community pharmacists to pregnant women: A prospective cross-sectional survey. Virtual Poster Presentation at 2020 APhA Annual Meeting. May 2020.
3. **Bach**, A., Goad, J., Luong, K., Sandoval, M., and Tran, H. Missed Vaccination Opportunities Based on Vaccine Administration Records and Vaccine Screening Forms: CA & MI. Poster presented at the NFID Annual Conference on Vaccinology Research; Bethesda, MD. April 23, 2018.
4. Saab A, White K, **Bach** A, Fawaz S. Exploring U.S. Consumers' Knowledge, Attitudes and Practices Towards Over-The-Counter Medications. Poster presented at the APhA Annual Meeting 2018; Nashville, TN. March 17, 2018

5. **Bach, A., Goad, J., Luong, K., Sandoval, M., and Tran, H.** Missed Vaccination Opportunities Based on Vaccine Administration Records and Vaccine Screening Forms: CA. Poster presented at the California Pharmacists Association Western Pharmacy Exchange Conference; Palm Springs, CA. February 2017.
6. **Bach, A., Goad, J., Wall, B., Rothholz, M., Malburg, D.** Improving Immunization Collaboration: Developing Best Practices for Pharmacist as Active Immunization Reporters to the IIS Systems. Poster presented at the National Immunization Conference; Atlanta, GA. September 13, 2016.
7. **Bach, A., Wong, S. Yamaki, J., Nguyen, V., Tsu, L., and Mercado, P.** Utilization of Immediate Feedback in Objective Structured Clinical Examinations to Promote Student Learning. Poster presented at the American Association of Colleges of Pharmacy Annual Meeting; Anaheim, CA. July 2016.
8. **Bach, A., Arouchanova, D., Goad, J.** Community pharmacy-based physician clinics and impact on patient knowledge, attitudes, and practices regarding physician-pharmacist collaborative practices. Poster presented at the American Pharmacists Association Annual Meeting; Los Angeles, CA, March 2013.

Grants and Contracts

1. **Bach, A (Co-PI), Lewis, J (Co-PI), Cheetham, C. (Co-I), Beuttler, R. (Co-I).** Impact of Pharmacist Led Diabetes Management of Quality Metrics, Clinical Outcomes, and Cost Savings: A Multi-Site Evaluation. Funded: Providence St. Joseph Health, \$14,000, 2021.
2. **Bach A (PI).** Implementation and Evaluation of a Pharmacist Telemedicine Travel Service. Chapman University Faculty Opportunity Fund Program. Funded: Chapman University, Funded for 1 year at \$14,434. 2019.
3. **Bach A (PI), Bethishou L, Bounthavong, M, Gregorian T, Wong SF.** AACP Scholarship of Teaching and Learning Grant. Comparison of Peers versus Actors as a Standardized Patient on OSCE Performance. Funded: AACP, \$3,860. 2019.
4. **Gregorian, T. (PI) and Bach, A. (Co-I).** Faculty Individualized Learning Grant: Gaming in the Classroom. A grant proposal for Chapman University Faculty Research and Development Council. Funded: \$2,353. 2016.
5. **Goad, J. (PI) and Bach, A. (Co-I).** Advancing Core Elements of the Immunization Neighborhood Model of Immunization Stakeholder Collaboration and Pharmacy Inclusion in National Vaccination Preparedness Planning. Sub-grant funded by APhA and supported by the Grant or Cooperative Agreement Number, IH23IP000984, funded by the Centers for Disease Control and Prevention. Funded: APhA, \$47,500. 2015-2017.
6. **Hess, K (PI), Law, A (Co-I), Bach, A (Co-I).** Addressing Primary Medication Non-Adherence through Implementation of a Medication Therapy Management Program. A research proposal for the National Community Pharmacists Association (NCPA). Funded: NCPA, \$35,000. 2012.

SEMINARS AND PRESENTATIONS

1. **Bach, A., Boesen, K., Hess, K., Lam, J., Turgeon, J.** Identification and Mitigation of Adverse Drug Events through Use of a Novel Digital Clinical Tool. Improving outcomes through pharmacy science, data analytics, and technology innovation. AACP Connect Webinar. March 4, 2021.
2. **Bach A, Bethishou L, Gregorian T, Goad J.** APPE Readiness: Implementing the Pharmacist Patient Care Process. California Pharmacists Association Western Pharmacy Exchange Conference; Los Angeles, CA. April 14, 2019
3. **Bach, A., Goad, J., and Cheever, I.** How do you CAIR? Immunization Registry Best Practices.

- California Pharmacists Association Western Pharmacy Exchange Conference; Palm Springs, CA. February 26, 2017.
4. **Bach, A., Hibbs, B., Cohen, M.** APhA CE Webinar: The Management of Adverse Events Associated with Vaccinations. Supported by Cooperative Agreement Number, IH23IP000984, funded by the Centers for Disease Control and Prevention. December 14, 2016.
 5. **Bach, A.** Forecasting the Influenza Season: 2015-2016 Flu Update. In-service to Newport Center Urgent Care providers and staff. Newport Beach, CA. September 2015.
 6. **Bach, A.** Forecasting the Influenza Season: 2015-2016 Flu Update. CAPE/OCPhA continuing education event presented to pharmacists. Irvine, CA. August 2015.
 7. **Bach, A.** The Role of Community Pharmacists in Providing Immunizations. Podium presentation at the California Immunization Coalition (CIC) Summit; Riverside, CA, April 2015.

SERVICE

School, Chapman University School of Pharmacy

6/2017 – Present	Director, Objective Structured Clinical Examination (OSCE)
8/2019 - Present	Member, Academic Affairs Committee
7/2017 – 8/2020	Member, Item Review Committee
8/2016 – 6/2017	Chair, OSCE Committee
8/2016 – 7/2017	Member, Student Affairs/Admission Committee
8/2015 – 8/2016	Chair, OSCE Task Force
7/2015 – 8/2016	Chair, Student Affairs/Admission Committee
1/2015 – 6/2015	Member, Assessment Committee
10/2014 – 10/2017	Member, Faculty Search Committee
9/2014 – 8/2016	Member, Academic Affairs, Therapeutics Course Sub-Committee
8/2014 – 6/2015	Member, Admissions Committee
6/2014 – 08/2015	Member, Academic Affairs Committee

Professional

3/2021 – 3/2022	President-Elect, Orange County Pharmacist Association
3/2020 – Present	Treasurer, Orange County Pharmacist Association
2/2019 – Present	Associate Editor, Journal of Contemporary Pharmacy Practice
5/2016 – Present	Education Chair, Orange County Pharmacist Association
3/2016 – Present	Board of Directors Member, Orange County Pharmacists Association
3/2016 – 3/2018	Academy Board of Directors - Pharmacy Educators, California Pharmacists Association

PROTOCOLS & PROGRAM DEVELOPMENT

1. Pharmacist-Led Annual Wellness Visit Protocol. Providence/St. Joseph/Heritage Health System. 2020
2. Consulting. Pharmacist Travel Health Protocol & Immunization Service Protocol. Elements Pharmacy. Sherman Oaks, CA. 2016
3. Pharmacist Initiated Travel Health Protocol. Newport Coast Pharmacy. Newport Beach, CA. 2015

PROFESSIONAL AFFILIATIONS

Phi Delta Chi (Alumni)
Phi Lambda Sigma

American Pharmacists Association
California Pharmacists Association