

May 2022

CURRICULUM VITAE

Name: Craig Alan Rohan, M.D.

Present Positions: Associate Medical Director
Wright State University Pharmacology Translational Unit

Assistant Professor of Pharmacology and Toxicology
Wright State University School of Medicine

Associate Clinical Professor of Dermatology (*adjunct*)
Wright State Physicians, Department of Dermatology

Assistant Professor of Dermatology
Uniformed Services University of the Health Sciences

Staff Physician
Dayton VA Medical Center

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Wright State University
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Clinic Address: Pharmacology Translational Unit
Wright State University
725 University Blvd
Fairborn, Ohio 45324
Tel 937-245-7500

Personal: Married (Joyce Go Rohan, 2000; 2 sons- Carson and Matthew)
Hometown: Elgin, Illinois

ORCID ID 0000-0002-4268-4311

Education

University of Southern California/ LAC+USC Medical Center
Los Angeles, CA
Dermatology Residency, 2008-2011

University of California, Davis/ David Grant Medical Center
Travis Air Force Base, CA and Sacramento, CA
Pediatrics Residency, 2001-2004

University of Colorado
Denver, CO
Medical Doctor, 2001

University of Southern California
Los Angeles, CA
BS Biomedical and Biochemical Engineering,
Minors in Biological Sciences and Chemistry, 1997

Additional Education/ Medical Training

Military Medical Humanitarian Assistance Course Instructor Certification, 2015
Wright Patterson AFB, OH

Law of War, 2014
Wright Patterson AFB, OH

Beyond the Horizon-- El Salvador, 2013
Sonsonate Department, El Salvador

Camp Wonder Physician Volunteer, 2009, 2010
Livermore, CA

Ecuador MEDRETE, 2006
Imbara Providence, Ecuador

Combat Care Casualty Course, 2004
Camp Bullis, TX

Aerospace Medicine Primary Course, 1998
Brooks Air Force Base, TX

Military Medical SERE (Survival) Course, 1998
Brooks Air Force Base, TX

Medical School Externship 1998
Kaiser Permanente, Denver, CO

Licensure and Certifications

Medical License, Ohio, #130008, exp 4/1/2024

Medical License, California, #C53682, exp 5/31/2023

Board Certifications: American Board of Dermatology- General Dermatology (maintenance of certification current, expires 2031), Mohs Micrographic Dermatologic Surgery (maintenance of certification current, expires 2031), American Board of Pediatrics (maintenance of certification current, expires 2024)

Life Support Certifications: ACLS (expires 5/2023), BLS (expires 3/2023), PALS (expires 10/2022)

Honors and Awards

Professional:

Dayton's Best Doctors: Dayton Magazine, 2022

Wright State Academy of Medicine: Volunteer Clinical Faculty of the Year, 2019

Wright State University Dermatology: Teacher of the Year, 2017, 2020, 2021

Wright Patterson Medical Center Shining Star Award 2014, 2015, 2016

Wright State University Internal Medicine: Subspecialist Educator of the Year, 2013

Chief Resident, USC Department of Dermatology, 2011

Air Force Clinical Optimization Award, 2007

Air Force Space Command Clinical Excellence Company Grade Physician of 2006

Active Duty Military Medals:

US Air Force Meritorious Service Medal with Oak Leaf Cluster, Air Force Outstanding Unit Award with 3 Oak Leaf Clusters, National Defense Service Medal, Global War on Terrorism Service Medal, Humanitarian Service Medal, Air Force Longevity Service with 3 Oak Leaf Clusters, Expert Marksmanship Medal, Air Force Training Ribbon

Graduate:

Combined BS/MD joint acceptance program

Undergraduate: Tau Beta Pi Engineering Honors Society, Dean's Scholarship, Thematic Option Honors Program, Mortar Board, Golden Key, WVT Rusch Engineering Honors Program

Professional Societies

Member, Alpha Omega Alpha Medical Honor Society 2021-present

Fellow, American Academy of Dermatology 2008- current

Member, American Contact Dermatitis Society, 2017-present

Member, Society of Pediatric Dermatology, 2009-present

Member, Ohio Dermatologic Association, 2021-present

Resident Member, American Academy of Pediatrics 2001-2004

Candidate Member, American Academy of Pediatrics 2004-2005

Uniformed Services Pediatrics Society 2005-present

Employment Experience

U.S. Air Force, 24-year career: Commissioned at rank of 2nd Lieutenant on 11 Feb 1997, retired at rank of Lieutenant Colonel 1 July 2021

Wright Patterson AFB Emergency Response Patient Treatment Team Chief 2014-2016

Flight Commander, Staff Pediatrician 2007-2008: Clinical supervisor to clinic practitioners and civilian pediatricians, Childhood Development Center health liaison, Peterson AFB population health liaison. Peterson Air Force Base, CO

Resident Advisor. 1994-1997. University of Southern California, CA

Department of Public Affairs, Lead Guide. 1993, 1994. US Air Force Academy, CO

Clinical Faculty Appointments

Assistant Professor, Wright State University, Department of Pharmacology and Toxicology, 2019-present

Clinical Associate Professor, Wright State University, Department of Dermatology, 2017-present

Clinical Assistant Professor, Wright State University, Department of Dermatology, 2011-2017

Clinical Assistant Professor, Uniformed Services University of the Health Sciences, 2011-present

Teaching

Wright State University Boonshoft School of Medicine: PTX 7021, Effective Scientific Writing I; 2020, 2021.

Wright State University Boonshoft School of Medicine: PTX 7022, Effective Scientific Writing II; 2021.

University of Colorado, Colorado Springs: Biology 313, Advanced Physiology; 2008

Colorado College: Psychology 417, Advanced Neurosciences Seminar; 2006

Grant Support

Extramural grants

R01 ES031087 (Travers-/Chen co-PI)

04/01/2021 to 03/31/2026

UVB radiation-generated microvesicle particles as effectors

For photosensitivity reactions

The objectives of this study are to define the role of microvesicles in UVB acute skin responses. My role as co-investigator (20% effort) is to oversee the translational human studies testing UVB microvesicle formation in normal vs photosensitive subjects.

Pharmaceutical company-sponsored

1. I1F-MC-RHCD 12/1/2016 to 02/03/2021

Eli Lilly and Company

Multicenter, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate Safety, Tolerability, and Efficacy of Ixekizumab in Patients from 6 to Less than 18 Years of Age with Moderate-to-Severe Plaque Psoriasis. My role is as Co-investigator for this multi-center trial.

2. I4V-MC-JAIW 2/20/2018 to 2/28/2021

Eli Lilly and Company

A Phase 3, multicenter, randomized, double-blind, placebo-controlled, parallel-group, outpatient, 113-week study designed to evaluate the efficacy and safety of baricitinib 1-mg and 2-mg in patients with moderate to severe atopic dermatitis. My role is as Subinvestigator for this multi-center trial.

3. I4V-MC-JAIX 4/20/2018 to 2/28/2022

Eli Lilly and Company

A Phase 3, Multicenter, Randomized, Double-Blind, Open-Label, Parallel-Group, Outpatient, Extension study designed to evaluate the efficacy and safety of baricitinib 1-mg and 2-mg in patients with moderate to severe atopic dermatitis. My role is as Subinvestigator for this multi-center trial.

4. IM011046-BMS-986165 09/2018 to 12/2019

Bristol-Myers Squibb Company

A Multi-Center, Randomized, Double-Blind, Placebo- and Active Comparator-Controlled Phase 3 Study to Evaluate the Efficacy and Safety of BMS-986165 in Subjects with Moderate to Severe Psoriasis. My role is as Subinvestigator for this multi-center trial.

5. I6T-MC-AMAJ 06/11/2018 to 07/01/2020

Eli Lilly and Company

A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study Comparing the Efficacy and Safety of Mirikizumab to Secukinumab and Placebo in Patients with Moderate-to-Severe Plaque Psoriasis. My role is as Subinvestigator for this multi-center trial.

6. I6T-MC-AMAH 08/2019 to 12/2021

Eli Lilly and Company

A Multicenter, Randomized, Double-Blind, Extension Study Comparing the Efficacy and Safety of Mirikizumab to Secukinumab in Patients with Moderate-to-Severe Plaque Psoriasis. My role is as Subinvestigator for this multi-center trial.

7. CC-10004-PPSO-003 11/2018 to 11/2020

Celgene Corporation

A Phase 3 Placebo Controlled Study in Pediatric Subjects from 6 to 17 Years with Moderate to Severe Plaque Psoriasis. My role is as Subinvestigator for this multi-center trial.

8. CC-10004-PSOR-022 12/2018 to 12/2020

Celgene Corporation

A Phase 3, Multicenter, Randomized, Placebo-Controlled, Double-Blind Study of the Efficacy and Safety of Apremilast (CC-10004) in Subjects with Mild-to-Moderate Plaque Psoriasis. My role is as Subinvestigator for this multi-center trial.

9. CAIN457A2324 8/2018 to 8/2020

Novartis

A randomized, double-blind, multicenter study assessing short (16 weeks) and long-term efficacy (up to 1 year), safety, and tolerability of sub-cutaneous secukinumab in subjects of body weight 90 kg or higher with moderate to severe chronic plaque-type psoriasis. My role is as Subinvestigator for this multi-center trial.

10. ALX-101-ATOP-204 03/2019 to 03/2020

Asana BioSciences, LLC

A Phase2, Randomized, Double-Blind, Vehicle-Controlled, Parallel-Group Study to Evaluate the Safety and Efficacy of ALX-101 Topical Gel Administered Twice Daily in Adults and Adolescents with Moderate Atopic Dermatitis. My role is as Subinvestigator for this multi-center trial.

11. I6T-MC-AMBK 07/2021 to 07/2022 (early termination planned for 06/2021)

Eli Lilly and Company

An Open-Label Evaluation of Mirikizumab Following Subcutaneous Administration Using Prefilled Syringe or Autoinjector in Patients with Moderate-to-Severe Plaque Psoriasis. My role is as Subinvestigator for this multi-center trial.

12. WSP-07-BARI 06/2019 to 06/2020

Eli Lilly and Company

An Investigator-Initiated Study to Evaluate the Efficacy of Baricitinib in Treatment of Delayed-Type Hypersensitivity versus Irritant Skin Reactions in Healthy Adult Male Subjects. My role is as Subinvestigator for this single site IISL.

13. AIN457M2301 06/2019 to 12/2020

Novartis

A randomized, double-blind, multicenter study assessing short (16 weeks) and long-term efficacy (up to 1 year), safety, and tolerability of 2 subcutaneous secukinumab dose

regimens in adult patients with moderate to severe hidradenitis Suppurativa. My role is as Subinvestigator for this multi-center trial.

14. KPL-716-C201 05/2019 to 11/2020

Kiniksa Pharmaceuticals, Ltd.

A Phase 2a/b, Randomized, Double-Blind, Placebo-Controlled Study to Investigate the Efficacy, Safety, Tolerability and Pharmacokinetics of KPL-716 in Reducing Pruritus in Subjects with Prurigo Nodularis. My role is as Subinvestigator for this multi-center trial.

Publications

Koroscil MT, **Rohan CA**, Morris MJ, Scott JN *Wong-Type Dermatomyositis Complicated by Interstitial Lung Disease*. J Clin Rheumatol. 2018 Jun; 24(4):236-238. PMID: 29461343

Dittman, K, Jake CW, **Rohan CA**. *An 84-year-old man with lower extremity bullae*. Case Reports in Internal Medicine. 2018 May; 5(3). doi.org/10.5430/crim.v5n3p4

Mudroch S M, **Rohan CA**, Conger N G, et al. *Sweet Syndrome in an Elderly Man with Well-Controlled HIV*. Cureus 2020 Sep; 12(9): e10330. doi:10.7759/cureus.10330 PMID: 33052291

Travers JB, Poon C, Bihl T, Borchers C, Rohrbach DJ, Borchers S, Trevino J, Rubin , Donnelly H, Kellawan K, Carpenter, L, Bahl S, **Rohan CA**, Muennich E, Guenther S, Hahn H, Rkein A, Darst M, Mousdicas N, Cates E, Sunar U. *Quantifying skin photodamage with spatial frequency domain imaging: Statistical results*. Biomed Optics Express. 2019 10(9): 4676-4683. PMID: 31565518.

Schmeusser B, Borchers C, Travers JB, Borchers S, Trevino J, Rubin M, Donnelly H, Kellawan K, Carpenter L, Bahl S, **Rohan CA**, Muennich E, Guenther S, Hahn H, Rkein A, Darst M, Mousdicas N, Cates E, Sunar U, Bihl T. *Inter- and Intra-physician variation in quantifying actinic keratosis skin photodamage*. Journal of Clinical and Investigative Dermatology 2020 8(2):4. PMID: 33088904.

Liu L, Awoyemi A, Fahy K, Thapa P, Borchers C, Wu B, McGlone C, Schmeusser B, Sattouf Z, **Rohan CA**, Williams A, Cates E, Knisely C, Kelly L, Bihl J, Cool D, Sahu R, Wang J, Chen Y, Rapp C, Kemp M, Johnson M, Travers JB. *Keratinocyte-derived microvesicle particles mediate ultraviolet B radiation-induced systemic immunosuppression*. The Journal of Clinical Investigation 2021 131(10):e14493. PMID: 33830943.

Kulkarni M, Travers JB, **Rohan CA**. *High Estrogen States in Hereditary Angioedema: a Spectrum* Clinical Reviews in Allergy & Immunology 17 May 2021 Vol. 13. PMID: 34075568.

Sattouf Z, Repas SJ, Travers JB, **Rohan CA**. *Vitamin D and Vitamin D Analogs as Adjuncts to Field Therapy Treatments for Actinic Keratoses: Current Research and Future Approaches*. Journal of Skin Cancer Jun 19;2021:9920558. PMID 9920558.

Bayless S, Travers JT, Sahu RP, **Rohan CA**. *Enhanced Outcomes of Photodynamic Therapy with Aminolevulinic Acid Through Inhibition of Immunosuppression, Review* Oncology Letters, 2021 Sep; 22(3): 664. PMID: 34386086.

McGlone, C.L., Christian, L., Schmeusser, B., Liu, L., Chalfant, C.E., Stephensen, D.J., Sherwin, C.M., Rapp, C.M., Sattouf, Z., **Rohan CA**, Morris, C., Chen, Y. and Travers, J.B. (2022), *Evidence for Systemic Reactive Oxygen Species in UVB-mediated Microvesicle Formation*. Photochem Photobiol, 98: 242-247.
<https://doi.org/10.1111/php.13494>

Kulkarni M, **Rohan CA**, Morris D, Travers JB. *Resolution of Dupilumab-associated Alopecia Areata with Dosage Modification*, JAAD Case Reports (2022), doi: <https://doi.org/10.1016/j.jdc.2022.01.034>

Dickman J, Howell M, Hoopes R, Wang Y, Dickerson TJ, Bottomley M, Shamma HN, Rapp CM, Turner MJ, **Rohan CA** and Travers JF. *Insights into Lichen Planus Pigmentosus Inversus using Minimally Invasive Dermal Patch and Whole Transcriptome Analysis*. J Clin Investigat Dermatol. 2022;10(1): 9

Frommeyer TC, Gilbert MM, Brittain GV, Wu T, Nguyen TQ, **Rohan CR** and Jeffrey B. Travers JB. *UVB-Induced Microvesicle Particle Release and Its Effects on the Cutaneous Microenvironment*. Frontiers in Immunology, 06 May 2022
<https://doi.org/10.3389/fimmu.2022.880850>

Manuscripts submitted for publication

Bayless S, Bihl T, **Rohan CA**, Travers JB, Whitney E. *Inappropriate Testing of Streptococcal Pharyngitis in Children Less than Three Years Old: Application of Statistical Process Control*. Submitted to Journal of Pediatrics & Child Care.

Podcast guest interview

Rohan CA, Guest. "Atopic Dermatitis in Children." *The Cribsiders Pediatrics Podcast*, Atopic Dermatitis in Children, September 29, 2021.
<https://thecurbsiders.com/cribsiders/35>

Invited Lectures

History and Evolution of Psoriasis Treatments in Children. Dayton Children's Hospital Grand Rounds, OH, November 2021.

Tropical Dermatology: Hansen's Disease, STIs and Neglected Diseases. Air Force Global Medicine Conference, Dayton OH, April 2019.

Systemic and Immunosuppressive Medications in Dermatology. Society of Air Force Pharmacists National Conference, Dayton OH, March 2017.

Obstetrics Dermatology. Miami Valley Medical Center OB/GYN Grand Rounds, Dayton, OH, September 2016.

Acne, Acne Comorbidities and Acne Mimickers. Dayton Children's Hospital Grand Rounds, OH, March 2016.

Atopic Dermatitis in the Pediatric Population. Dayton Children's Hospital Grand Rounds, OH, April 2014.

2012 Pediatric Dermatology Update. Dayton Children's Hospital Octoberfest, OH, October 2012.

Hansen's Disease. Wright State University, Department of Dermatology Grand Rounds, OH, March 2012.

Birthmarks vs Markers of Disease. Dayton Children's Hospital Grand Rounds, OH, June 2012.

Disseminated Acanthamoeba Infection. Los Angeles Metropolitan Dermatologic Society, Feb 2011.

The Wonders of Skin. Los Angeles County Department of Education, Downey, CA, Dec 2010.

Actinic Prurigo. Los Angeles Metropolitan Dermatologic Society, CA, Apr 2009

Rapidly Expanding Subgaleal Hematoma. Coastal Dermatology Conference, CA, Nov 2009.

Restrictive Dermopathy. Los Angeles Metropolitan Dermatologic Society, CA, Nov 2009.

Disseminated Acanthamoeba Infection. (poster presentation) American Society of Dermatopathology (ASDP), Sep 2010.

Metastatic Penile Squamous Cell Carcinoma Presenting as Cellulitis (poster presentation). American Society of Dermatopathology (ASDP), Sep 2009.

Medical Informatics, Clinical Efficiency. Walter Reed Medical Center Grand Rounds, Washington, DC, May 2008.

Medical Informatics, Clinical Efficiency. National Naval Medical Center, Bethesda, MD, June 2008.

Medical Informatics, Clinical Efficiency. Military Health System National Meeting, Washington, DC, Feb 2008.

Utility of Cholesterol Screening in the Pediatric Population. David Grant Medical Center, May 2004.

Transtracheal Analysis of Muco-ciliary Function. 1997 Children's Hospital Los Angeles, April 1997.