

Curriculum Vitae

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Personal information

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Education:

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2022 - 2026	M.D.	University of Illinois College of Medicine Peoria Internal Medicine and Pediatrics Residency Peoria, IL
2018 - 2022	M.D.	University of Utah School of Medicine (Medicine) Salt Lake City, UT
2013 - 2017	B.S.	University of Utah (Psychology) Salt Lake City, UT
2009 - 2013	High school diploma	Edison High School Huntington Beach, CA

Leadership:

Jun 2025 – Present

Associate Chief Resident

University of Illinois College of Medicine Peoria, Peoria, IL

- *Advocates for internal medicine-pediatrics residents, supports the postgraduate chief resident, and serves as a liaison between residents and faculty in the internal medicine-pediatrics residency program*

May 2023 -Present

Co-Chair, Graduate Medical Education Diversity and Inclusion Council

University of Illinois College of Medicine Peoria, Peoria, IL

- *Improve resident and faculty education on DEI-related healthcare topics to foster a healthy and inclusive work environment and improve the quality of care for patients of all ethnic backgrounds*

Oct 2021 – Dec 2021

Teaching assistant, Circulation, Respiration, and Regulation

University of Utah School of Medicine, Salt Lake City, UT

- *Held exam review sessions, coordinated team-based learning sessions, held office hours to answer questions, and ran lectures related to cardiovascular, respiratory, and renal systems for second-year medical students*

Jul 2021 – May 2022

Mentor Fellow, Leadership Diversity Fellowship

University of Utah School of Medicine Office of Health Equity, Diversity, and Inclusion, Salt Lake City, UT

- *Mentored undergraduate students from underserved populations to help them learn more about the field of medicine and navigate the process of being a competitive applicant to medical school*

Jan 2020 – May 2022

Co-director/Cofounder, ME in MEdicine Outreach Program

University of Utah School of Medicine, Salt Lake City, UT

- *Created a program to reach elementary and middle schools to get young students from underserved backgrounds interested in the field of science through basic career information and engaging science activities*

May 2019 – May 2022

Director, UCrew

University of Utah School of Medicine, Salt Lake City, UT

- *Generated community between all four classes at the University of Utah School of Medicine to foster support for incoming and existing medical students*

Oct 2019 - May 2022

Coordinator of Interviewee Dinner Setup, Project Progress

University of Utah School of Medicine, Salt Lake City, UT

- *Arranged dinners with medical school applicants to answer questions in a non-formal setting to get students from underrepresented populations interested in the University of Utah School of Medicine*

May 2019 – May 2020

Manager, Midvale Community Clinic

Midvale, UT

- *Coordinated clinics, recruited volunteers, managed any complications that arose during clinics, and mentored junior medical students in seeing patients and navigating a clinical setting*

May 2019 – May 2020

Director, Planned Happenstance Reflection Group

University of Utah School of Medicine, Salt Lake City, UT

- *Coordinated meetings and activities to create a community and safe space for medical students to reflect on their experiences and goals moving forward in their careers*

May 2019 – May 2020

Leader, Addiction Medicine Interest Group

University of Utah School of Medicine, Salt Lake City, UT

- *Coordinated meetings to get students interested in addiction medicine connected with physician mentors and engaged in extracurricular activities related to the field*

May 2019 – May 2020

Leader, Infectious Disease Interest Group

University of Utah School of Medicine, Salt Lake City, UT

- *Coordinated meetings to get students interested in the field of infectious disease connected with physician mentors, and engaged in extracurricular activities related to the field*

Oct 2018 – Jul 2019

Director, Camp MD

University of Utah School of Medicine, Salt Lake City, UT

- *Coordinated a summer camp for high school students from rural areas of Utah who are interested in science and a future career in the healthcare field*

Nov 2018 – Jul 2019

Director, Camp Neuro

University of Utah School of Medicine, Salt Lake City, UT

- *Coordinated a summer camp for high school students who are interested in science and a future career in the healthcare field, with a specific focus on neurology and psychiatry*

Sep 2018 – May 2019

Director, Science Masters

University of Utah School of Medicine, Salt Lake City, UT

- *Coordinated monthly science activities for middle-school-aged students interested in science*

Jan 2017 – May 2017

Teaching Assistant, Memory and Cognition

University of Utah, Salt Lake City, UT

- *Assisted students in this undergraduate-level course by holding review sessions, creating assignments, grading essays, providing feedback, and holding office hours for questions*

May 2017 – Aug 2017

Teaching Assistant, Human Physiology

University of Utah, Salt Lake City, UT

- *Assisted students in this undergraduate-level course by holding review sessions, office hours for questions, and supplemental instruction sessions*

Jun 2016 – May 2017

Co-director, Palmer Court Book Club

The Road Home, Salt Lake City, UT

- *Promoted from volunteer to co-director to coordinate weekly book clubs for kids staying at the homeless shelter and help them improve their reading skills*

May 2016 – May 2017

Campus Life Mentor, University of Utah Student and Family Programs

University of Utah, Salt Lake City, UT

- *Acted as a mentor to help non-traditional undergraduate students transferring to the university adjust to a new environment and navigate classes and extracurricular activities offered by the university*

Professional Experience:

Jul 2025 – Jun 2027

Trainee, Six2 Crew

Neonatal Kidney Collaborative, Birmingham, AB

- *Trainee in this national organization that focuses on professional development in domains of research, medical education, and advocacy, with a specific focus on neonatal nephrology*

May 2025 – Present

Leader, Continuous Renal Replacement Therapy (CRRT) Workshop

University of Illinois College of Medicine Peoria, Peoria, IL

- *A collaborative effort with the Department of Pediatric Critical Care and Pediatric Nephrology to create a workshop to educate staff in the pediatric intensive care unit about CRRT and improve patient care in patients with renal failure requiring CRRT*

May 2025 – Jun 2026

Learner, Clinician Educator Program

University of Illinois College of Medicine Peoria, Peoria, IL

- *Accepted into a 1-year longitudinal GME-wide program offered by the University of Illinois College of Medicine Peoria for residents/fellows who want to enhance their teaching skills and pursue a career in academic medicine*

Sep 2023 – Present

Resident Representative, Internal Medicine-Pediatrics Diversity, Equity, and Inclusion Workgroup

University of Illinois College of Medicine Peoria, Peoria, IL

- *Working to improve DEI education and outreach within the internal medicine-pediatrics residency*

Aug 2022 – Present

Resident Representative, Internal Medicine-Pediatrics Program Evaluation Committee

University of Illinois College of Medicine Peoria, Peoria, IL

- *Work with other residents and faculty to find ways to improve educational opportunities and the overall training experience for residents based on resident feedback from ACGME surveys and the Annual Program Evaluation survey*

Sep 2018 – May 2022

Learner, Students as Teachers Pathway

University of Utah School of Medicine, Salt Lake City, UT

- *Completed a 4-year longitudinal pathway offered by the University of Utah School of Medicine with a focus on education for medical students interested in improving their teaching skills and having a career involved with medical education*

Sep 2021 – May 2022

Student Representative, Medical School Admissions Committee

University of Utah School of Medicine, Salt Lake City, UT

- *Interviewed medical school candidates, read through applications, and participated in admission committee meetings to help provide insight into the incoming class of first-year medical students*

Sep 2021 – May 2022

Student Representative, MedEdMorphosis Envisioning Team

University of Utah School of Medicine, Salt Lake City, UT

- *Provided student input to help improve the overall medical education curriculum with a focus on engaging and integrating students as partners*

Aug 2018 – Aug 2019

Student Representative, Curriculum Committee

University of Utah School of Medicine, Salt Lake City, UT

- *Acted as a student liaison to improve specific 1st and 2nd year courses' curriculum via evaluation of the School of Medicine survey feedback*

May 2016 – Aug 2018

Head Age Group Coach, Murray Aquatic Club

Murray, UT

- *Coached young swimmers with a focus on technique and race strategy development, created effective practices daily, and coordinated overall swim seasons for the entire swim team*

Dec 2014 – May 2018

Academic Tutor, University of Utah Athletics

Salt Lake City, UT

- *Assisted student-athletes at the University of Utah with performance in mathematics and writing courses*

Aug 2013 – Jan 2015

Student Athlete, University of Utah Swim and Dive Team

Salt Lake City, UT

- *Participated as a swimmer on the University of Utah Swim and Dive Team in the PAC-12 conference*

2005 – 2013

Cashier, The Donut

El Segundo, CA

- *Helped guide customers in choosing different pastry options based on their preferences and handled purchasing transactions*

Community Service:

Sep 2023

Medical Volunteer, Camp Hope Adolescent and Young Adult Retreat

Camp Hope Foundation, Hudson, IL

- *Participated as a medical staff volunteer for a 4-day retreat focused on building a community for pediatric cancer survivors*

Jul 2019 – May 2020

Volunteer, Bridge Program

University of Utah Psychiatric Department, Salt Lake City, UT

- *Helped enroll patients into the Bridge program to establish long-term care for patients struggling with addiction by obtaining histories and assisting with paperwork, as well as following up with established patients*

Aug 2018 – Oct 2019

Medical student volunteer, 4th Street Clinic

University of Utah School of Medicine, Salt Lake City, UT

- *Volunteered monthly at the 4th Street Clinic in downtown Salt Lake City, which aimed to provide medical care to patients without homes or insurance*

Oct 2013 – May 2019

Volunteer, Kids Crew, Primary Children’s Hospital

Salt Lake City, UT

- *Maintained a fun and safe environment in the hospital playroom, sanitized equipment and toys, delivered toys to patients who were in room isolation, and was a trained NICU-cuddler*

Oct 2018 – May 2019

Medical student volunteer, Midvale Community Clinic

Midvale, UT

- *Provided care for patients from underserved communities and vulnerable patients with low income and no health insurance*

Nov 2015 – Aug 2018

Volunteer, Camp Kostopulos

Salt Lake City, UT

- *Assisted patients with special needs in doing different activities with their peers*

Nov 2015 – Aug 2018

Volunteer, William E. Christoffersen Salt Lake Veterans Home

Salt Lake City, UT

- *Kept long-term nursing home patients accompanied and engaged through various group and individual activities*

Nov 2015 – Jun 2016

Volunteer, The Road Home- Palmer Court Book Club

Salt Lake City, UT

- *Volunteered weekly at book clubs for kids staying at the homeless shelter to help improve their reading skills and enhance school performance*

May 2016 – Aug 2018

Volunteer, Neuro Acute Care Unit at the University of Utah Hospital

Salt Lake City, UT

- *Assisted nurses in the Neurology Acute Care Unit with patient care tasks*

Research Experiences:

Dec 2024 – Present

Principal Investigator, Department of Pediatrics – Alexander Tran, MD, Grace Ryan, Collins Odhiambo, PhD, Jon Gehlbach, MD, Deepa Chand, MD

University of Illinois College of Medicine Peoria, Peoria, IL

University of Wisconsin School of Medicine and Public Health

- *Performing retrospective analysis on the efficacy of lactated ringers versus normal saline for initial fluid resuscitation in patients admitted to the pediatric intensive care unit with hypovolemic or septic shock*

- Jun 2023 – Present** **Co-Investigator, Department of Pediatrics – Farrah Gaston, DO, Alexander Tran, MD, Mustafa Bakir, MD, Mary Elizabeth Ross, MD**
University of Illinois College of Medicine Peoria, Peoria, IL
St. Jude’s Children’s Hospital- Peoria, Peoria, IL
- *Performing a retrospective research study on the impact of the use of respiratory pathogen arrays on pediatric oncology patients admitted with fever and neutropenia*
- Aug 2023 – Present** **Principal Investigator, Department of Pediatrics – Alexander Tran, MD, Dana Stephens, APRN, Burhan Khan, MD, MSc, Matthew Mischler, MD, Brinda Mehta, MD**
University of Illinois College of Medicine Peoria, Peoria, IL
St. Jude’s Children’s Hospital Midwest Affiliate, Peoria, IL
- *Performing a qualitative study by getting patient, parental, and provider feedback on how to best to create a standardized transition guide for pediatric oncology patients as they transition from pediatric-focused care to adult-focused care*
- Oct 2023 – Present** **Principal Investigator, Department of Pediatrics – Alexander Tran, MD, Michelle Starr, MD, Deepa Chand, MD, Joseph Flynn, MD, Cara Slagle, MD**
University of Illinois College of Medicine Peoria, Peoria, IL
Indiana University School of Medicine, Indianapolis, IN
University of Washington School of Medicine, Seattle, WA
- *Evaluating long-term neurodevelopmental, blood pressure, and renal function outcomes of premature neonates in the NICU who are diagnosed and discharged with a diagnosis of hypertension*
- Aug 2020 – Aug 2021** **Research Assistant, Department of Radiology - Nicole S. Winkler, MD, Alexander Tran, MD, Anne M. Kennedy, MB, BCh, BAO, Brian Y. Chan, MD**
University of Utah University Hospital, Salt Lake City
- *Worked with various faculty members from the Department of Radiology to produce an educational review on radiographic findings of autologous fat transfer, an oral presentation on radiographic findings of myositis ossificans, and a case report on radiographic findings of triploidy in utero*
- Dec 2018 - May 2022** **Research Assistant, Department of Pediatric Pulmonology – Alexander Tran, MD, Khanh Lai, MD**
Primary Children’s Hospital, Salt Lake City, UT
- *Created a project studying pediatric patients with bronchopulmonary dysplasia (BPD) and the relationship of comorbid sleep apnea and pulmonary hypertension in patients with BPD*
- Dec 2015 - Aug 2018** **Research Assistant, Department of Pathology – Alexander Tran, MD, Matthew Mulvey, PhD**

University of Utah School of Medicine, Salt Lake City, UT

- *Conducted experiments to further understand the virulence factors of Extraintestinal Pathogenic Escherichia Coli (ExPEC) utilizing a zebrafish and murine model*

Oral Presentation:

- September 2025 **Tran, A.**, Stephens, D., Mischler, M., Khan, B., Mehta, B. Exploring readiness and concerns in transitioning to adult-centered care for pediatric cancer survivors, parents, and healthcare providers. *The National Medicine-Pediatrics Resident Association Annual Conference*. Denver, CO.
- October 2020 **Tran, A.**, Chan, B.Y., Imaging Elevated Case Competition. *Imaging Elevated: Utah Symposium for Emerging Investigators*. Salt Lake City, UT.
- February 2020 Zhu, J., **Tran, A.** The “R” Word: Using Reflection to Promote Well-Being, Community, and Purpose in Medical Students. *Innovations in Medical Education Conference*. Los Angeles, CA.
- April 2018 **Tran, A.**, Whiteside, S., Fleming, B.A., Weis, J., Mulvey, M.A., Impact of Flagellin and Flagellin Receptors on Host Survival in a Murine Model of Sepsis. *Tri-Branch American Society of Microbiology Meeting*. Durango, CO

Poster Presentation:

- September 2025 **Tran, A.**, Griffin, D., Chand, D., Slagle, C.D., Flynn, J., Menon, S., Starr, M.C. Prevalence and Outcomes of Neonatal Hypertension in Premature Infants: A Secondary Analysis of the PENUT Study. *5th International Symposium on Acute Kidney Injury in Children*. Cincinnati, OH.
- May 2025 **Tran, A.**, Parikh, N., Gore, R., Mehta, B. EBV Associated Ocular Lymphoproliferative Disease in a Child with Lymphoma Treated with Rituximab. *American Society of Pediatric Hematology-Oncology Conference*. Louisville, KY.
- May 2025 **Tran, A.**, Light, J., Nagel, M. Recurrent Thrombotic Microangiopathy in a Hypertensive Child with Distant Hematopoietic Stem Cell Transplantation and a CFHR3-CFHR1 Genetic Mutation. *University of Illinois College of Medicine Peoria Research Day*. Peoria, IL.
- April 2021 **Tran, A.**, Morgan, M.B., Kwok, A., Fajardo, L.L., Freer, P., Winkler, N.S. Autologous Fat Transfer To the Breast: A Pictorial Review. *Society of Breast Imaging/American College of Radiology Breast Imaging Virtual Symposium, American College of Radiology*.

- October 2019 **Tran, A.,** Lai, K. Association of pulmonary hypertension and sleep disordered breathing in children with bronchopulmonary dysplasia (BPD). *University of Utah School of Medicine Medical Student Research Forum*. Salt Lake City, UT.
- May 2018 **Tran, A.,** Whiteside, S., Fleming, B.A., Weis, J., Mulvey, M.A. Impact of Flagellin and Flagellin Receptors on Host Survival in a Murine Model of Sepsis. *Immunology, Inflammation, and Infectious Disease Symposium*. Salt Lake City, UT.

Peer-Reviewed Journal Articles:

- 2022 Blango, M.G., Fleming, B.A., Kincannon, W.M., **Tran, A.,** Lewis, A.J., Russell, C.W., Zhou, Q., Baird, L.M., Brannon, J.R., Beebout, C.J., Bandarian, V., Hadjifrangiskou, M., Howard, M.T., Mulvey, M.A. (2022). A tRNA Modifying Enzyme as a Tunable Regulatory Nexus for Bacterial Stress Responses and Virulence. *Nucleic Acids Research*.
- 2021 Winkler, N., **Tran, A.,** Kwok, A., Fajardo, L.L. (2021). Autologous Fat Transfer to Breast: Educational Review. *Journal of Breast Imaging*.
- 2020 Trivedi, S., Labuz, D., Anderson, C.P., Araujo, C.V., Blair, A., Middleton, E.A., Jensen, O., **Tran, A.,** Mulvey, M.A., Campbell, R.A., Hale, J.S., Rondina, M.T., Leung, D.T. (2020). Mucosal-associated invariant T (MAIT) cells mediate protective host responses in sepsis. *eLife*, 9.
- 2018 Russell, C.W., Fleming, B.A., Jost, C.A., **Tran, A.,** Stenquist, A.T., Wambaugh, M.A., Bronner, M.P., Mulvey, M.A. (2018). Context-Dependent Requirements for FimH and Other Canonical Virulence Factors in Gut Colonization by Extraintestinal Pathogenic *Escherichia coli*. *Infection and Immunity*, 86(3), 1-20.

Other

Case Report Publications

- March 2021 **Tran, A.,** Kennedy, A.M. (2021). AMSER Case of the Month March 2021 - Triploidy. *Association of University Radiologists*.

Grants/Funding:

- 2024-2025 Exploring readiness and concerns in transitioning to adult-centered care for pediatric cancer survivors, parents, and healthcare providers
The National Med-Peds Residents Association (NMPRA) Resident Research Grant
Principal Investigator: Alexander Tran, MD

University of Illinois College of Medicine Peoria
Role: Principal Investigator

2019
Association of pulmonary hypertension and sleep disordered breathing in children with bronchopulmonary dysplasia (BPD)
National Institutes of Health (NIH)-funded Medical Student Research Program
Principal Investigator: Alexander Tran
Primary Children's Hospital/University of Utah School of Medicine
Role: Principal Investigator

Awards:

Oct 2025
Resident of the Year Award. American College of Physicians, Illinois Southern Chapter. Springfield, IL.

Jun 2025
Internal Medicine Excellence in Professionalism Award. University of Illinois College of Medicine Peoria. Peoria, IL.

May 2023
Resident Intern of the Year Award. University of Illinois College of Medicine Peoria. Peoria, IL.

May 2022
Student Diversity and Inclusion Award. University of Utah School of Medicine. Salt Lake City, UT.

April 2018
First Place Oral Presentation- Impact of Flagellin and Flagellin Receptors on Host Survival in a Murine Model of Sepsis. Tri-Branch American Society of Microbiology Meeting. Durango, CO