

# Stanford

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## Agnes Reschke

- Affiliate, Dean's Office Operations - Dean Other
- Fellow in Pediatrics - Hematology & Oncology

### Bio

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#### BIO

Agnes Reschke, MD is a clinical fellow in the Division of Pediatric Hematology and Oncology at the Lucile Packard Children's Hospital, Stanford University School of Medicine. She obtained her bachelor of science and honors from Villanova University and after her family moved to Kentucky, went on to medical school at University of Kentucky College of Medicine. She completed a pediatric residency at Connecticut Children's Medical Center and during that time, focused on a clinical research project evaluating a proposed association between domestic radon levels and the development of sarcoma. Dr. Reschke ultimately came to Lucile Packard Children's Hospital for her pediatric hematology/oncology fellowship and during that time, discovered the emerging field of onco-critical care. Her fellowship research is in the lab of Tim Cornell, chief of pediatric critical care at Stanford. She is working to apply a real-time assay to measure cytokines in subsets of pediatric oncology patients to guide immunomodulatory therapies. By gaining a better understanding of these patients' immune responses in real time, she believes that we will open the door for precision immunomodulatory therapy to treat critically ill patients, especially those experiencing sepsis or cytokine release syndrome. After completion of her hematology/oncology fellowship, Dr. Reschke will be pursuing a pediatric intensive care fellowship with the hope of becoming a leader and pioneer in onco-critical care.

#### CLINICAL FOCUS

- Fellow
- Pediatric Hematology/Oncology
- Onco-Critical Care
- Circulating cytokines

#### HONORS AND AWARDS

- Inpatient Fellow Teaching Award, Pediatric Residency Program at LPCH/Stanford (2018-2019)
- Member, Gold Humanism Honor Society

#### PROFESSIONAL EDUCATION

- Residency, University of Connecticut , Pediatrics (2018)
- MD, University of Kentucky College of Medicine (2015)
- BS, Villanova University , Biology, Honors (2011)

### Research & Scholarship

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#### CURRENT CLINICAL INTERESTS

- Critically Ill Oncology Patients

Dr. Reschke hopes to bring together the fields of pediatric oncology and critical care with the goal of ultimately impacting the clinical care and outcomes of critically ill pediatric oncology patients. While outcomes in these patients have improved with advances in intensive care and supportive treatments, novel therapies including emerging molecular therapies and immunotherapies bring significant new challenges. She hopes to address this developing need and envisions a career that translates lessons from the oncology networks to implement multicenter prospective interventional studies involving oncology patients in an ICU setting.

**LAB AFFILIATIONS**

- Timothy Cornell (7/1/2019)