

CHOP Research Institute Summer Scholars Program



Sandra Amaral, M.D., M.H.S.

Nephrology

Clinical Research: Patient-oriented research examining the effectiveness of clinical and behavioral treatment interventions. Projects involve human subjects or data collected from human subjects.

Organ Transplant Access and Management

My research focuses on promoting positive health outcomes along the path of solid organ transplantation for children. Studies range from retrospective studies that examine how to improve access to the waiting list to testing interventions to help adolescents take their medications more regularly and improve their healthcare self-management.

- **Potential summer research projects:**
 - (1) Text messaging intervention to improve medication adherence for youth with kidney transplants and cathing adherence for youth with spina bifida and
 - (2) design and testing of graphic novel and game application to improve healthcare self-management in young adolescents with solid organ transplants
 - (3) various retrospective data analyses of national cohorts of chronic kidney disease, dialysis and transplant patients.
- **Students will learn the following techniques:**
 - (1) Data entry and analyses in statistical software (Stata);
 - (2) Interpret data findings from both quantitative and qualitative projects and develop new research directions;
 - (3) Opportunities to help prepare abstracts and posters for national conferences and engage in manuscript preparation; and
 - (4) Help test and refine design of graphic novel and game application.
 - (5) increase understanding of operational aspects of text messaging interventions.

Please click [here](#) to read more about Dr. Amaral