



Addressing Healthcare Needs through Interprofessional Service Learning in Yantalo, Peru

UNIVERSITY OF CENTRAL FLORIDA
College of Medicine

Nathaniel Roddenberry, Kylee Crate, Kathy Dong, Dr. Judith Simms-Cendan

Medical Students Providing Across Continents (MedPACT), UCF College of Medicine, 6850 Lake Nona Blvd, Orlando, FL, USA



MedPACT

MedPACT (Medical Students Providing Across Continents) is a student-run global health organization operating at the University of Central Florida College of Medicine. Our mission is to provide robust, engaging programming and diverse service opportunities to create a culture of global responsibility, and to serve those in need within and across our borders. We aim to provide global health education and service learning opportunities through the following projects:

- Global Health Conference
- Local free clinic in Apopka, FL
- Annual service trip to Yantalo, Peru

Yantalo Peru Foundation

The Yantalo Peru Foundation was founded by the Vasquez family in 2005. The foundation has grown into a robust volunteer organization that delivers outstanding quality programs in health, education, and culture to the people of Yantalo in the Peruvian Amazon Jungle. The foundation provides sustainable, organized and modern inpatient and outpatient clinics as well as a full operating room that is ready for volunteers to provide top of the line care to patients in need. MedPACT has joined forces with nursing, physical therapy, social work and pharmacy students as well as a group of physician volunteers to provide quality interdisciplinary care in the clinic on a yearly basis. The foundation's mission is to create a long-term positive impact on the people of Peru primarily through the improvement of health and quality of life from the first sustainably designed medical clinic in South America.



IPEC Competencies

In 2009, the Interprofessional Education Collaborative (IPEC) established 4 competencies to guide the practice of interprofessional education:

- Values and Ethics for Interprofessional Practice
- Roles and Responsibilities
- Interprofessional Communication
- Teams and Teamwork

The competencies are immediately relevant on international service trips, like Yantalo, Peru, where students and faculty across disciplines are brought together to serve a culturally and linguistically distinct community. All care is provided on interdisciplinary teams in a uniquely collaborative environment. In addition to the service learning opportunity, cultivation of IPEC competencies among the care teams in Yantalo provide students with valuable skills.

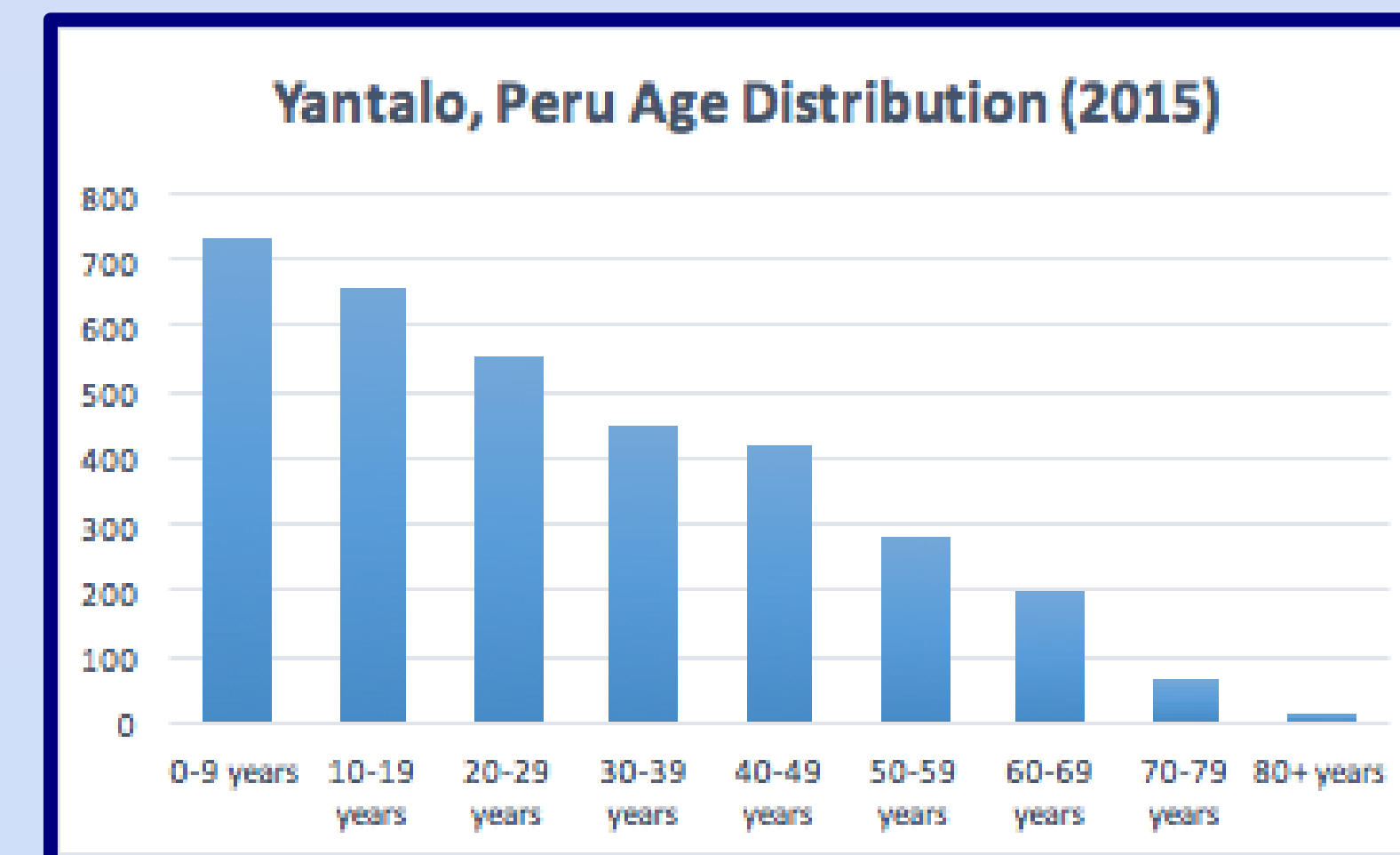
Demographics of Yantalo

The Yantalo foundation provides healthcare services to men, women and children, incorporating the entire spectrum of age and development. Most patients are Spanish speaking natives with physically demanding occupations, primarily farm and field workers. Many patients travel long distances, up to seven-hour journeys, to receive care from this clinic.



- Located in the Moyobamba Province
 - Moyobamba population: 86,000
 - Yantalo population: 3,375

- 500 patients seen over 5 days



Services We Provide

- Internal Medicine
- Dermatology
- Urology
- Physical Therapy
- Surgery
- Pediatrics
- Pharmacy
- Social Work
- Gynecology
- Family Medicine
- Nursing
- Chaplain

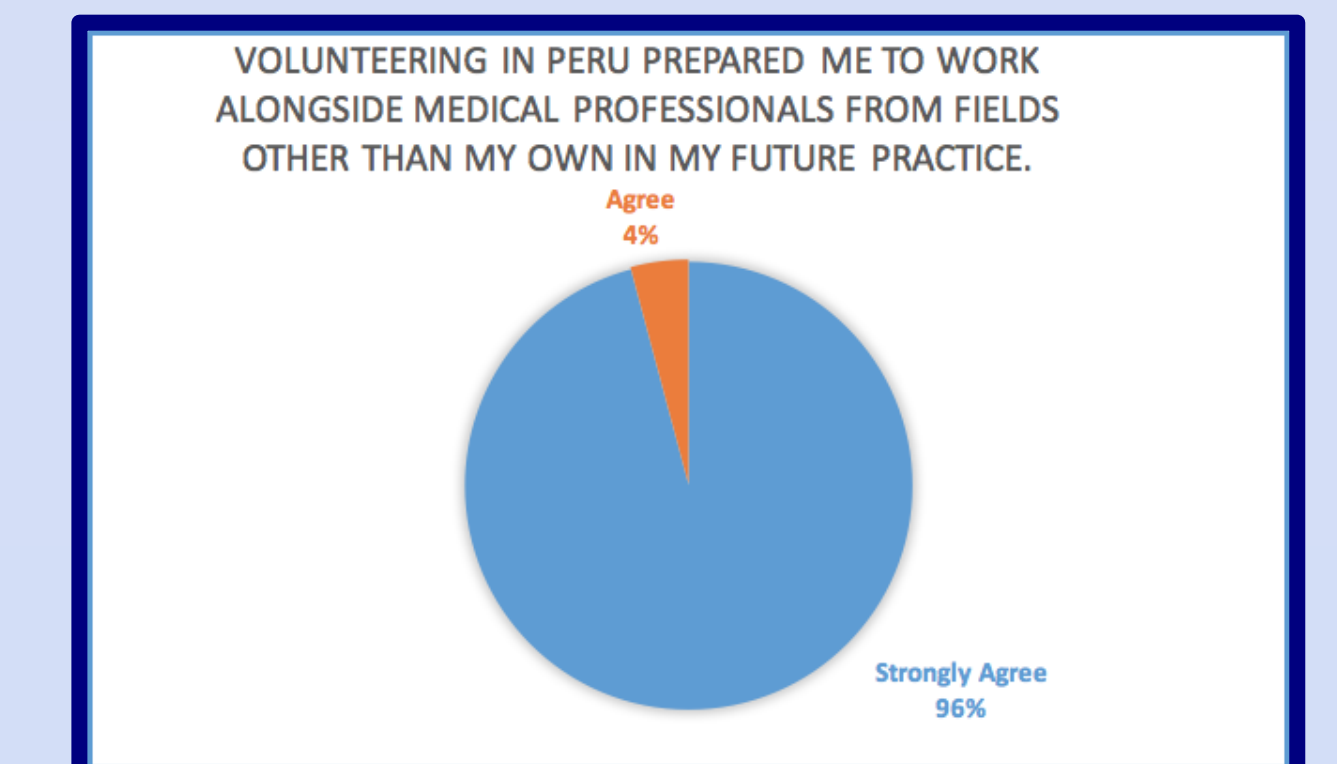
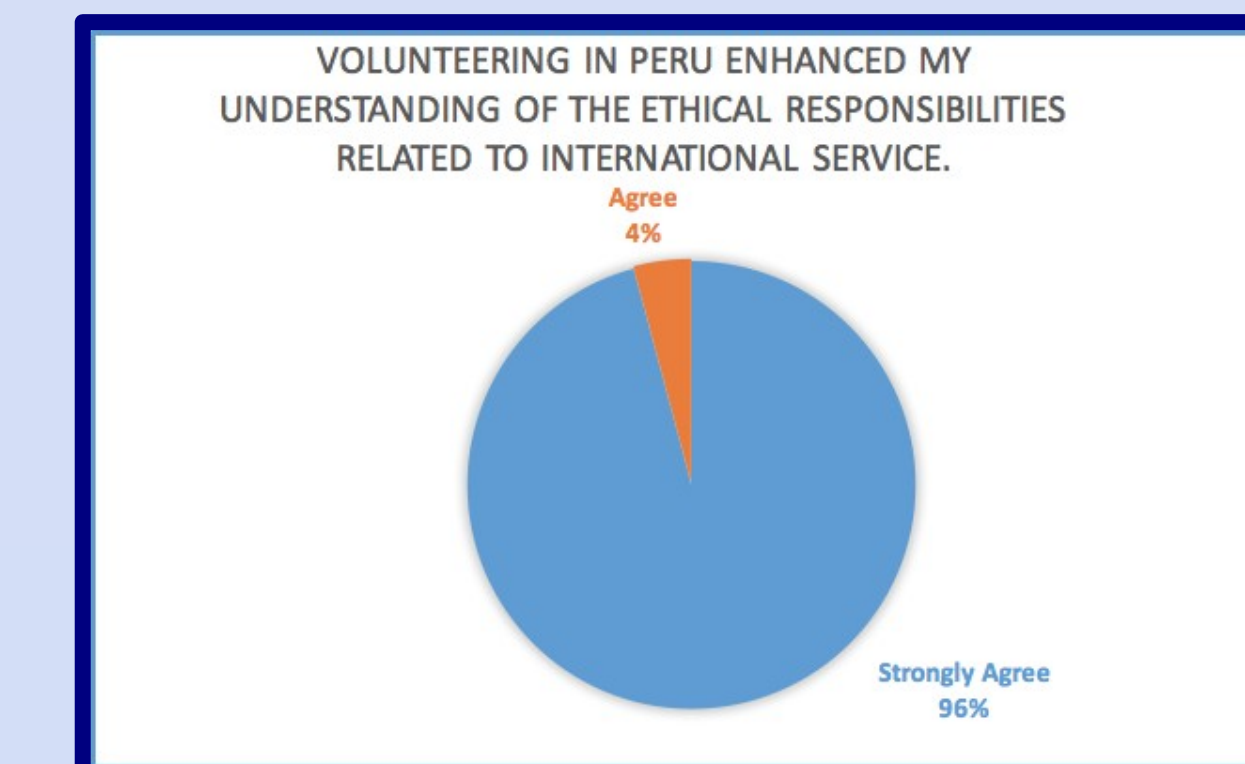
The Yantalo foundation announces months in advance which services will be available so residents can plan for their visits. An efficient intake team performs vitals and determines what specialized care the patient needs, referring them to one of the medical, surgical, physical therapy, or social work teams. The Yantalo Clinic has in-house laboratory and ultrasound diagnostics. The majority of patients seeking care were seen by more than one discipline. An educational initiative focused on sexual and reproductive health was also run by the UCF team for school aged children in the neighboring town.

Continuity of Care

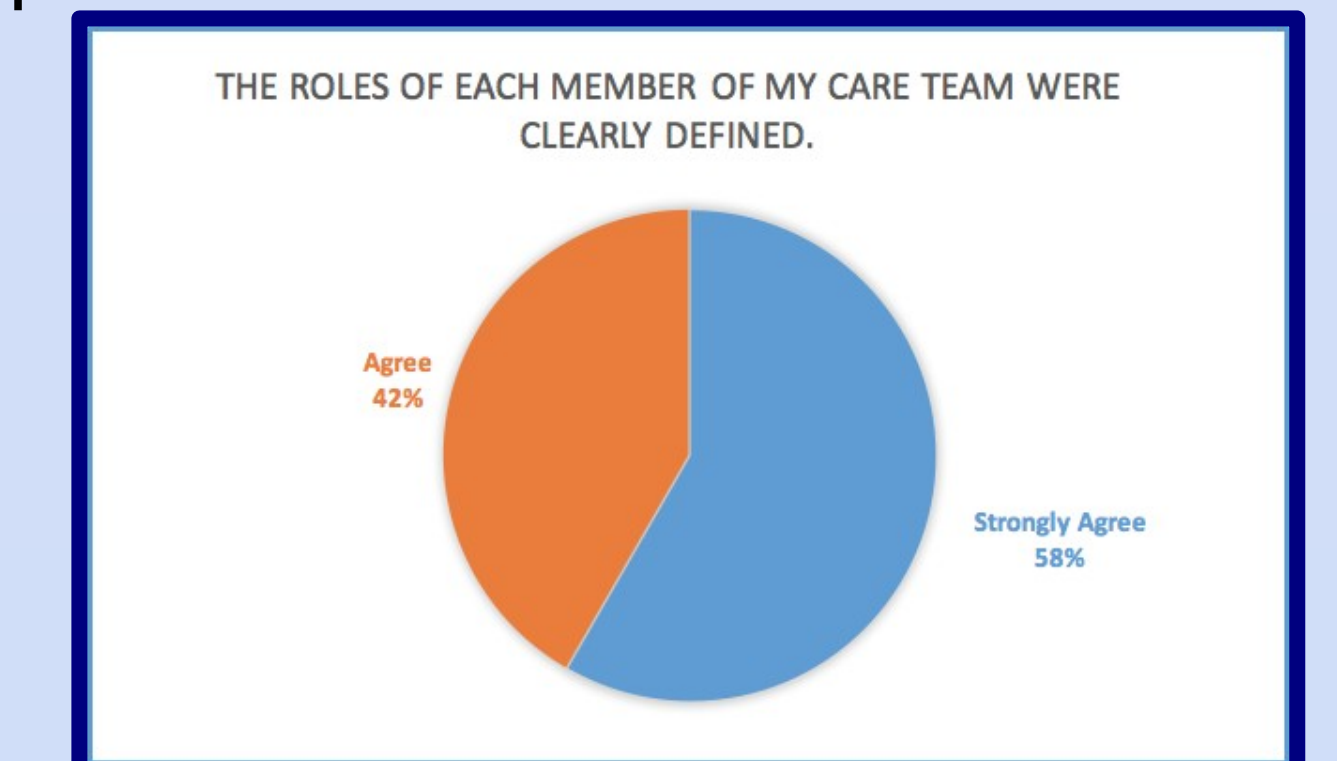
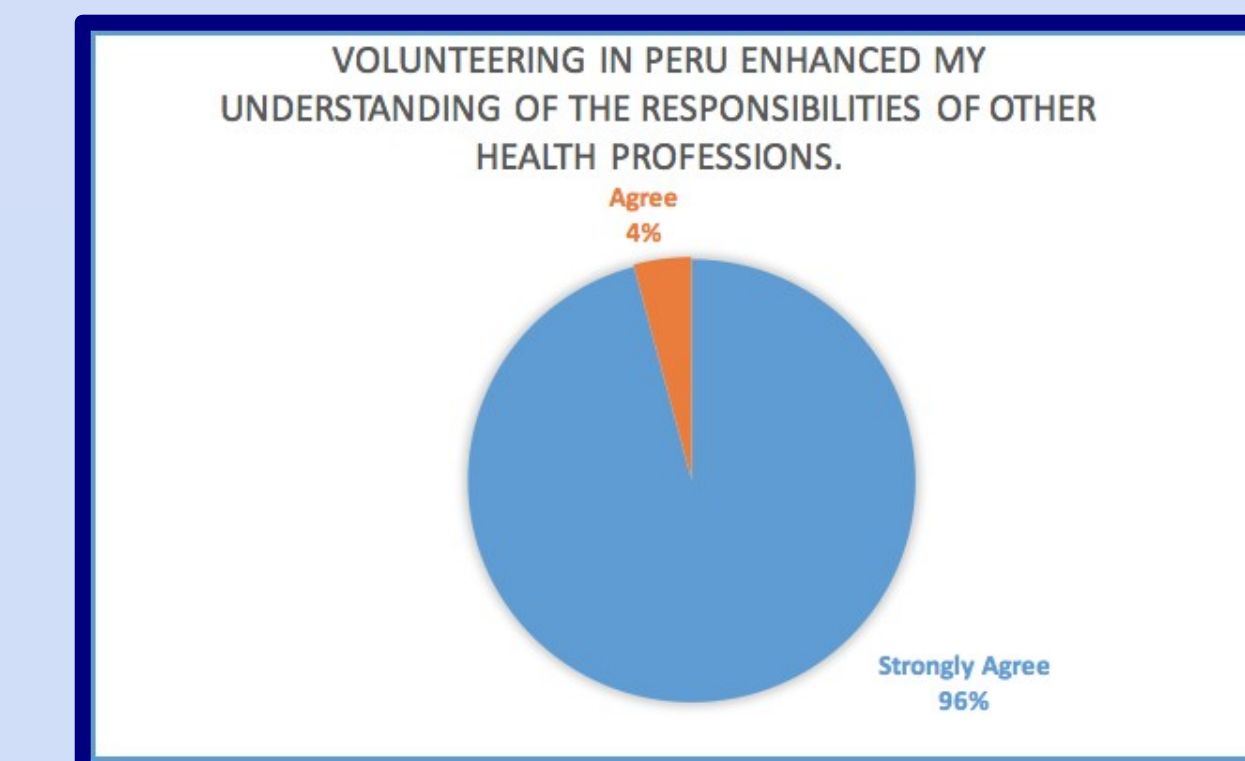
The Yantalo Foundation has a team of medical professionals dedicated to providing year-round care for every patient who is seen at the clinic. Although the volunteer teams can only be at the clinic for limited periods of time, patients can still receive care from the in-house physicians, nurses and laboratory staff present at the clinic. We strive to ensure continuity of care through maintaining detailed notes on every clinical encounter and surgery. Records of medications and necessary follow-up appointments are maintained in a secure and user-friendly electronic health record that can be easily accessed by future volunteer organizations or the in-house staff if further care is needed. We aim to build relationships with local care staff and the community by returning to Yantalo yearly.

IPE Survey of Student Volunteers

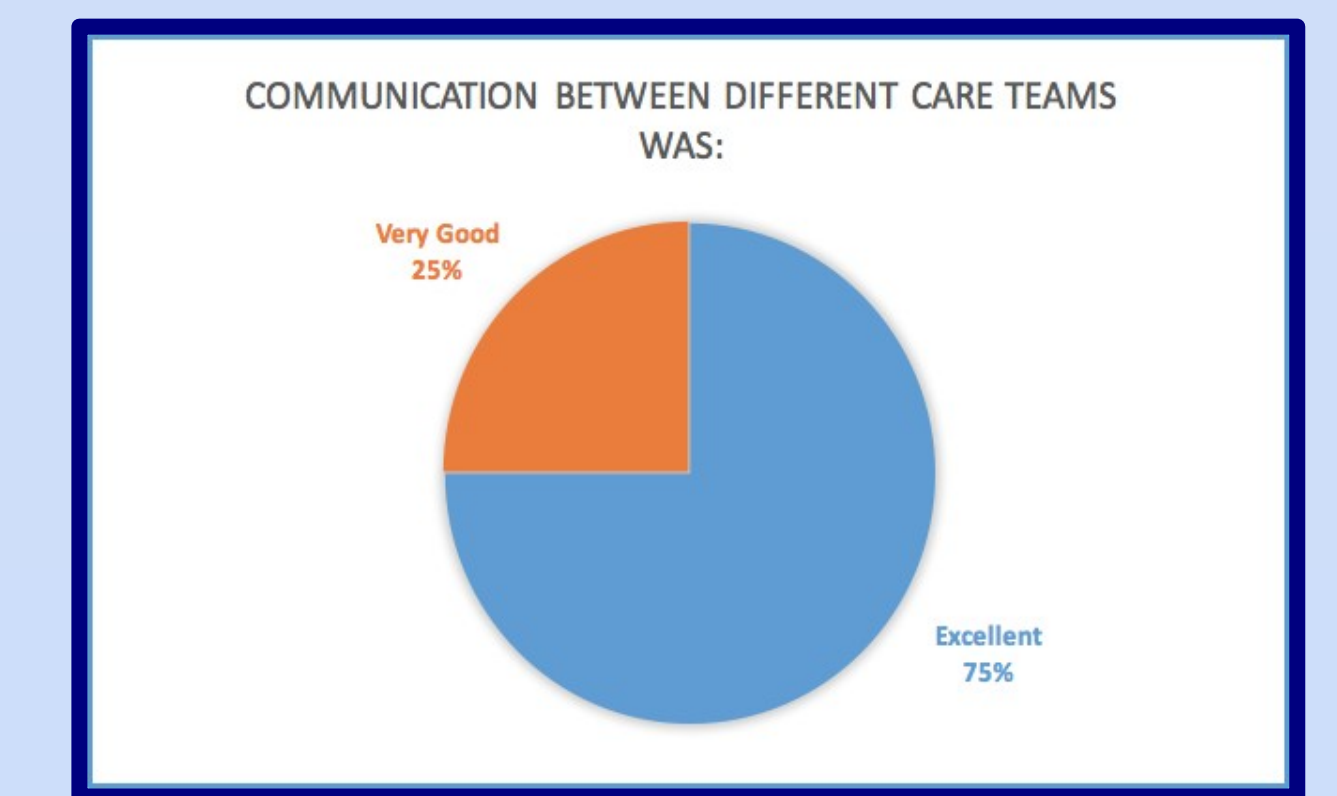
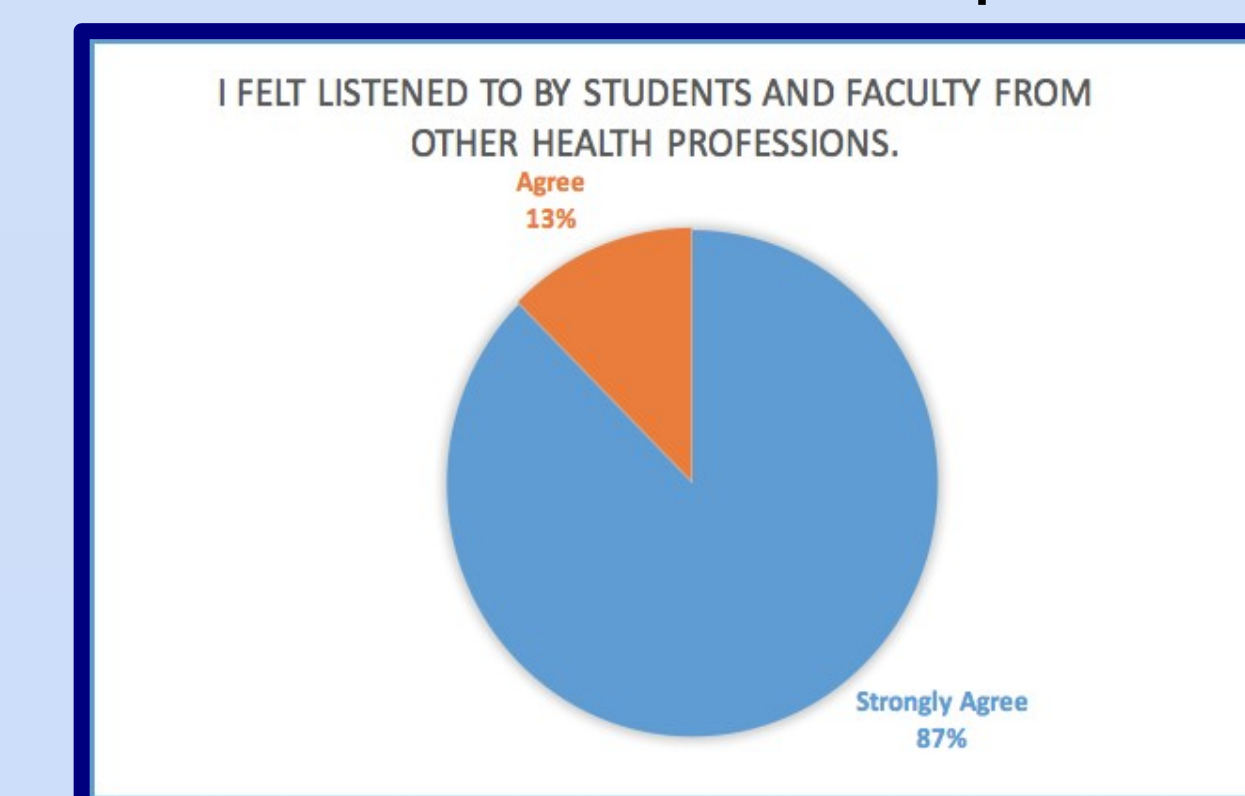
Values and Ethics for Interprofessional Practice



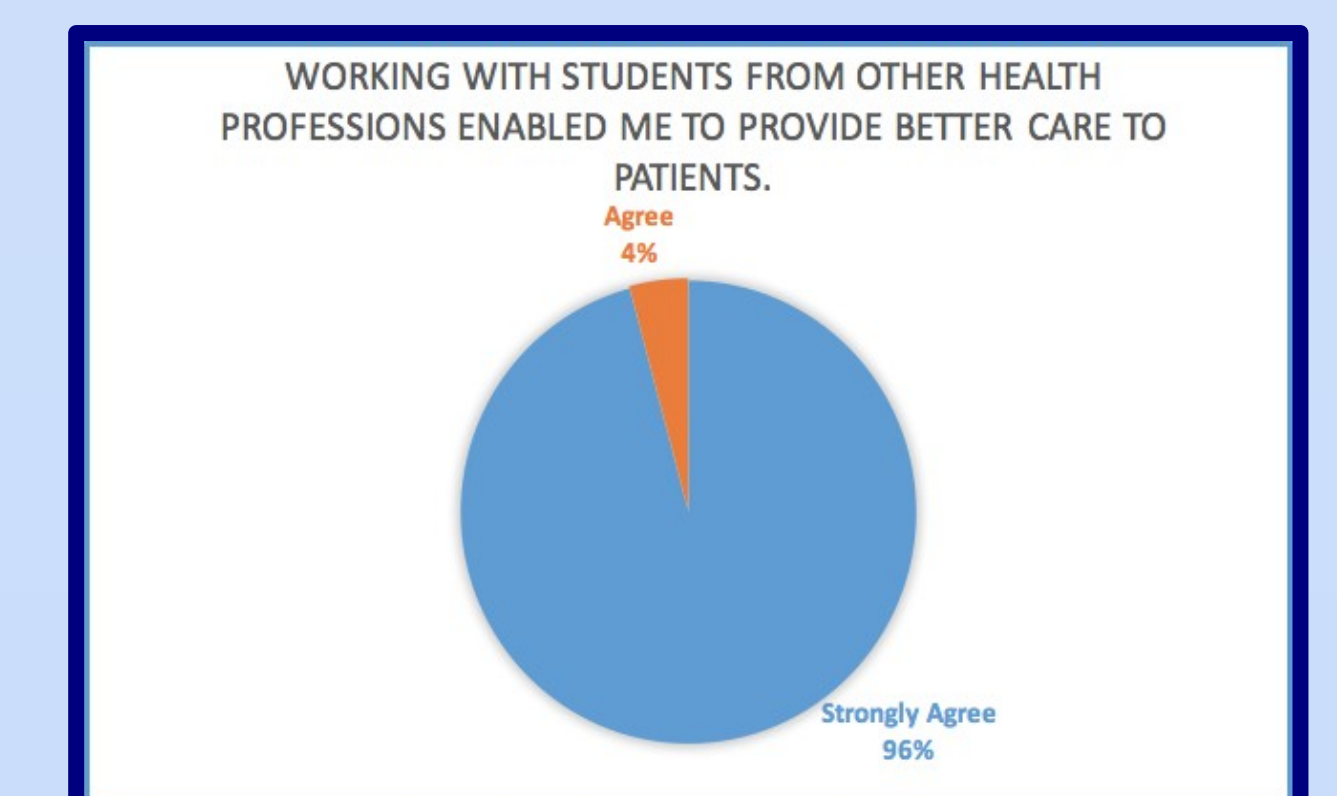
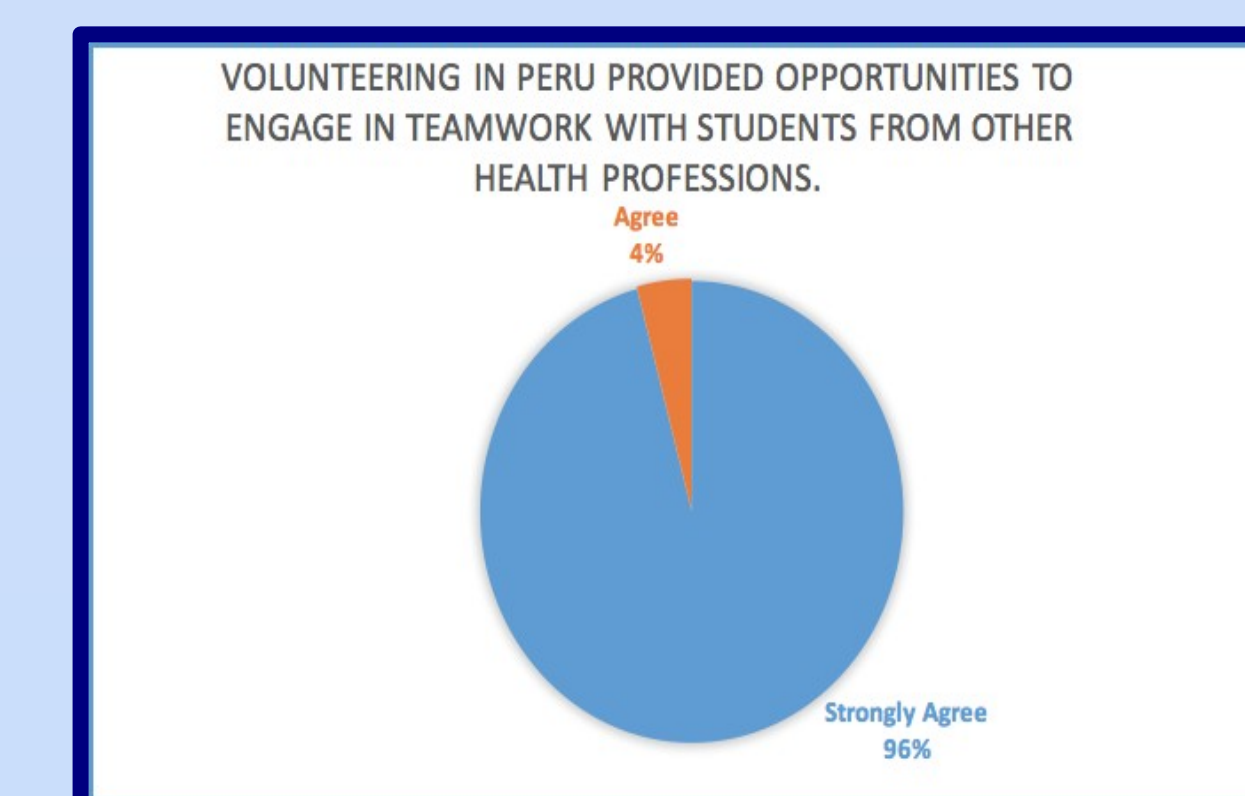
Roles and Responsibilities



Interprofessional Communication



Teams and Teamwork



Moving Forward

The UCF medical team will return to the Yantalo Foundation yearly to provide health and education to the residents of Peru as well as an incredible educational opportunity for the students on the trip. We hope to use the results of this survey to improve the service learning experiences of future students, while building on skills of interprofessional values, roles, communication, and teamwork.

Acknowledgements

We would like to thank the Vasquez family for allowing us to serve alongside them at the Yantalo Peru Foundation, and all the local volunteers and medical professionals in Yantalo. We would also like to thank Dr. Judith Simms-Cendan for her continued direction and support in MedPACT and for organizing so many other opportunities like this one.