

SIP 2025 Internship Descriptions

REKNEW LAB- Augmentative and Alternative Communication (AAC)

1.) We maintain an annotated bibliography on the UCEDD website about cognition and communication. The intern will conduct a literature search with our team to update the bibliography. 2.) We will be collecting data with our brain-computer interface project in the homes of study participants. The intern will accompany team members for data collection and assist with bringing equipment, cleaning equipment after each visit, and storing collected EEG data.

Skills: Able to conduct a literature review using the Internet on a specific topic; able to help carry equipment from our lab to homes of study participants; learn how to store data in a data file. No EPIC training is needed.

Family to Family

Intern will work with OR F2F HIC on preparing and organizing marketing and resource materials for families of children with special health needs or for youth with special needs. With supervision, they will conduct tasks such as making forms, drafting flyers, cleaning excel spreadsheets, etc. They will assist with website quality control, and will be invited to shadow staff at meetings, trainings, and workshops as appropriate so they can learn about the field of family support and family centered care. They may also be asked to make phone calls to community agencies in order to identify new outreach opportunities for the OR F2F HIC or to sit in on program planning committees. In addition to project/s, SIP interns also attend 2-3 hours per week of professional development and disability career.

Other requests or preferred skills: No EPIC access required. College student preferred. Ability to read and write in Spanish preferred. Comfort with Powerpoint, Excel, and with making phone calls. Fully remote position, with one or two in-person meetings.

Physical Therapy

Chronic pain in kids and teens is very complex and significantly affects how kids function at home, school and in their communities. The pediatric physical therapists at the CDRC who work with kids with chronic pain are interested in finding out how learning about pain neuroscience may affect outcomes through a pilot research study. We're also looking at ways we can better provide this education during our sessions. The summer intern will get a first-hand look at the research process with this mentored experience. This may include collecting, organizing, and analyzing data along with learning methods to share data in meaningful ways by creating graphics, charts, and written summaries. In addition, they will assist in the creation of education materials for children with chronic pain and their families. If there is time and interest, the intern also will have the opportunity to participate in observation to gain in-depth knowledge of

pediatric rehabilitation roles and physical therapy projects. These could be administration and organizational tasks or development of other educational materials for patients and families.

Other requests or preferred skills: EPIC access will be required for this position. Knowledge of Canva or similar program is helpful, but not required.

Diversity Equity and Inclusion (DEI) Internship

Objectives:

- Increase welcoming atmosphere of the Child Development & Rehabilitation Center clinical space for families.
- Increase awareness of diversity, disability, and accessibility throughout the Department of Pediatrics and the Institute on Development & Disability (IDD).
- Support efforts to recruit diverse learners to internship and observation opportunities at the Department of Pediatrics and the Institute on Development & Disability.
- Gain experience observing physical therapists, speech language pathologists, psychologists, and other disciplines in outpatient clinical visits in evaluation and treatment of children with a variety of neurodevelopmental disabilities.

Other requests: EPIC access

Pediatric Cardiology – Marfan Syndrome and Aortopathy

People with some connective tissue disorders have significant challenges in school as they are very tall or problems with vision and coordination. The pediatric cardiology placement will have a research focus on related to understanding of the educational, physical and social challenges that face this population. The intern will be reviewing patient charts and calling families with a short survey about their experiences in school. This pilot project will lead to educational and support materials for parents, teachers and caregivers of those with Marfan Syndrome. The intern will also come to clinic to observe a multidisciplinary team in action and learn about the field of genetic counselling. Time may also allow observation in other pediatric cardiology units such as the operating room (must be > 18 years) or the cardiac catheterization lab.

Anticipated learning outcomes:

- Knowledge about the research process includes: participant confidentiality, consenting and interacting with participants, cleaning data and assisting with data entry and analysis, and exposure to IRB regulations and procedures.
- Development of a proposal for educational or support materials to teachers and parents.
- Increased understanding of Marfan syndrome—especially related to how this disease can impact everyday life and school.
- Increased understanding of genetics, the role of genetic testing and genetic counseling.
- Experience working in a multidisciplinary clinic and office environment

Other requests:

- Interns will be expected to take research courses needed to be part of the Institutional Review Board Research Team (CITI certification) and EPIC access for chart review.

Speech-Language Pathology

Intern will be assisting with these two projects:

ORCA project (Optimizing a Remote Caregiver-Implemented Augmentative and Alternative Communication Intervention)

- The goal of this project is to develop and test an early AAC intervention delivered via hybrid in-person and telepractice. This project has 3 aims: (aim 1) evaluate the acceptability of a telepractice AAC intervention through qualitative interviews with parents and SLPs, and (aims 2-3) develop, pilot test and refine the telepractice AAC intervention, and examine the effects on caregivers' use of AAC strategies and child's communication skills. The work that we hope interns can assist us with will be associated with aims 1 and 2. Some of the work may include:
 - Reading interview transcripts to pull out major themes, writing summaries of themes across interview transcripts
 - Coding interview transcripts using NVivo software
 - Assisting with literature reviews about early AAC interventions
 - Assist with behavioral coding of sessions using Datavyu

CAI project (Classroom AAC Intervention)

- The goal of this four-year research program will be to develop an augmentative and alternative communication (AAC) intervention for young children (3 – 8 years) with complex communication needs. This project has three phases: study 1: interview educators regarding their perspectives on aspects of an AAC intervention delivered in authentic preschool settings, study 2: classroom observations to examine typical instructional practices in order to test the feasibility of implementing a pilot study of CAI, and study 3: run a randomized control trial on to examine the effect of CAI on teachers' use of communication support strategies taught to them and the students' number of communication acts. Some of the work may include:
 - Coding recorded observations from study 2
 - Develop recruitment materials for study 3
 - Assisting with literature reviews about early AAC interventions within early education settings
 - Copy-editing and writing support for a manuscript presenting findings from study 2 observations

Autism

Our intern will be working on Autism Alert, a Medicaid-funded project which helps children obtain earlier access to autism diagnostic and treatment services via family navigation. Interns will assist with all project activities including enrolling families in the study, helping to collect and analyze interview data from project participants, analyzing survey data, and assisting with community resource identification.

Interns may go into the lab for in-person collaboration with RA's and other interns. They may also have to go into the lab for use of materials/computers/tech. We encourage interns from all racial/ethnic, sexual/gender orientation, and disability backgrounds to participate in our diverse learning community.

Health Communications in Sexual Health and Disability

Health Communications in Sexual Health and Disability intern will support communications and dissemination activities that promote healthy relationships and sexual health for people with disabilities. The internship will be supervised at the University Center for Excellence in Developmental Disabilities (UCEDD) at OHSU and all activities will be conducted virtually.

This internship will primarily be working with the UCEDD's PREP projects, which includes the Friendships and Dating program.

Internship activities may include (but are not limited to) reviewing educational program materials, writing articles, developing educational materials, reviewing and interpreting program data, developing social media campaigns, developing trainings and presentations, participating in community meetings, and reviewing current research.