



## Introduction:

The five core components of the School WORK represent the areas considered essential in effectively planning for as well as implementing effective teaching practices with students on the spectrum. These include, Program Design, Assessment, Environmental Control, Teaching and Behavior Intervention.

## Practicum Scope:

The practicum opportunity will help me improve my knowledge on Autism spectrum disorder and factors associated, it also aids me in developing teamwork abilities, professional experience, collaboration, and job-related skills.

## Preceptor Details:

**Organization Name:** HANDS in Autism Interdisciplinary Training and Resource Center.

**Preceptor:** Dr. Naomi Swiezy & Dr. Tiffany Neal

**Mission:** To provide unique learning opportunities designed to improve understanding of the process and ability to work with individuals with ASD.

## Learning Objectives:

My internship at the HANDS in Autism Center will teach me new information analysis techniques while also giving me the opportunity to practice a variety of social and behavioral skills.

## Practicum Duties:

**Your task :** Data entry ,Literature review, Data harmonization and Data analysis.

**Objectives :** To assess the presence of components of evidence-based practices in the school setting which will take place by analyzing the data from task analyzed assessment measures.

**Methodology:** Data collection and collation using Excel and REDCap is part of the methodology, and then the data is processed. Data from various RECap projects will be unified using R programming, which will be helpful for initiating analyses.

**Tools used :** RedCap, R studio , MS Excel.

## Timeline:



## Practicum deliverables:

Literature review to obtain knowledge about the project. Data entry from measures into the MS excel and then Redcap. Successful completion of data harmonization within the specified time.

A complete documentation of the project was finished as part of the practicum coursework.

## Practicum outcomes

### Professional:

Gained knowledge on the various key aspects of working with actual healthcare data as well as the most effective methods for data management and analysis. Application of evidence-based guidelines to raise patient care standards.

## Practicum Outcome-

### Learning Objectives:

Understanding the ASD, being able to comprehend the data in an approachable format and managing the data using data-driven decision-making techniques.

## Conclusion:

**Follow up observations:** The findings could be used to evaluate a program's relative strengths and weaknesses in order to help teams decide which areas of intervention to focus on first.

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