

## **Statistics Course PPT**

The Ohio State University Wexler Medical Center (OSUMC) has several residency programs in Columbus, Ohio:

- National Church Residences and The Ohio State University Geriatric Residency ,
- The Ohio State University Nisonger Center and Nationwide Children's Hospital Pediatric Residency,
- The Ohio State University Wexner Medical Center has several residencies: Neurologic Residency, Women's Health Residency, Sports Residency, Orthopedic Residency and three fellowships: Orthopedic Manual Therapy Fellowship, Performing Arts Fellowship, Upper Extremity Athlete Fellowship

All of these programs are directed by John DeWitt at [john.dewitt@osumc.edu](mailto:john.dewitt@osumc.edu)

### **Overview of the Statistics PPT**

The research/statistics course is provided all our residents and fellows-in-training in a 3-hr didactic session. Participants will use this information when teaching, and during their research work. This PPT resource provides a very good basic review of types of research study designs, application of hypothesis testing, discussion of concepts of prevalence and incidence, and common statistical analyses commonly used in diagnostic research. This PPT can provide an excellent review of statistical concepts for residents and fellows in training and/or provide a course outline for faculty members designing coursework in statistics.