

Marcus Herman-Giddens

Education

University of North Carolina, Chapel Hill, NC
B.A. in physics, May/1987
M.A.T. in science and mathematics, Jul/1988
M.P.H. in biostatistics, May/2014

Professional Experience

ClinChoice (formerly FMD K&L) – Fort Washington, PA
Principal Biostatistician – Jul/2021 - present
Senior Biostatistician – Mar/2020 – Jul/2021

- Provide statistical oversight to studies and assure adequate quality and consistency with project requirements.
- Responsible for assuring that data for statistical analyses are complete, accurate and consistent.
- Responsible for statistical analysis plans and the accuracy and timeliness of statistical input into reports or decisions.
- Responsible for validity of analysis and explore alternative analysis strategies as needed.
- Demonstrates extensive understanding of statistical concepts and methodologies. Recognizes and corrects flaws in scientific reasoning and statistical interpretation.
- Responsible for accuracy and consistency of statistical tables, figures, and data listings, accuracy of report text, and consistency between summary tables in the body of reports and the corresponding source tables and listings.
- Responsible for statistical methods section for the reports. Identifies and corrects common flaws in interpretation of results, inconsistency in presentation or inference, adherence to the report guidelines, and assures project-wide consistency.
- Effectively mentor peers with regard to statistical methodology and provide appropriate training to less experienced statisticians.
- Manage activities of statisticians across projects by appropriately coordinating assignments and reviewing work so that projects are delivered on time with high quality.

University of North Carolina, Gillings School of Public Health – Chapel Hill, NC
Biostatistics Instructor (BIOS 600 - Inferential Statistics) – Aug/2014 – present

- Plan and deliver two lectures a week to 60-100 graduate and undergraduate Public Health students.
- Supervise up to 5 Teacher Assistants and Graders.
- Create and administer mid-term and final exams.
- Host regular office hours and meetings with students

Rho, Inc. – Durham, NC

Biostatistician II – Oct/2017 – Mar/2020

Biostatistician I – May/2014 – Oct/2017

- Lead team of statistical programmers in analysis of data and data displays.
- Developed specifications for computerized randomization systems.
- Developed ADaM specifications and datasets from clinical data as well as SDTM data.
- Developed and drafted statistical methods sections and statistical analysis plans.
- Developed and drafted summary table, figure, and listing specifications.
- Participated in the interpretation of the results of planned and exploratory statistical analyses using written, oral, and graphic methods, as appropriate to the audience.
- Validated the analysis of the data, datasets, data displays, and written text.
- Maintained documentation of in progress and completed analyses, as well as validation procedures.
- Prepared statistical reports and displays for client projects, for presentation at meetings or conferences, and for publication in regulatory documents or professional journals.
- Performed PK parameter calculations using WinNonLin software.
- Developed FDA electronic submissions.
- Taught weekly SAS programming class to data managers.
- Therapeutic areas included kidney transplantation, seasonal allergies, oncology, hepatitis, diabetes, periodontics, cystic fibrosis, pain management, and ocular implant devices.

Computer Skills

- Proficient in SAS
- Basic skills in R

Publications

- Herman-Giddens, M. E. & Herman-Giddens, D. M. (2017). Retrospective Case Reports of Two Central North Carolina Residents Frequency of Tick Bites and Associated Illnesses, 2001 to 2014. North Carolina Medical Journal, 78(3), 156-163
- Tchivileva, I. E., Hadgraft, H., Lim, P. Fl., Di Giosia, M., Ribeiro-Dasilva, M., Campbell, J. H., Willis, J., James, R., Herman-Giddens, M., Fillingim, R. B., Ohrbach, R., Arbes, Jr., S. J., & Slade, G. D. (in press). Efficacy and Safety of Propranolol for Treatment of TMD Pain: a Randomized, Placebo-Controlled Clinical Trial. Journal of Pain.