JOB SUMMARY

Works on the design and conduct of clinical studies and the evaluation, interpretation, and reporting of study results. Provides statistically sound experimental design and data analysis to meet project objectives and statistical requirements. Keeps abreast of new developments in statistics through literature review.

Educates residents and medical students on proper use and interpretation of statistics, by developing and implementing statistics curriculum within the department. Participates in departmental journal clubs. Develops research collaboration with closely related departments in areas of common interest.

WHAT IS EXPECTED (ESSENTIAL FUNCTIONS)

Manages the day-to-day activities of assigned research projects as primary biostatistician to ensure an efficient operation of projects and achievement of goals

Collaborates with clinicians to design/conduct research directed towards enhanced patient care

Supports the dissemination of the results of the research to medical/scientific community through presentations and publications

Initiates new clinical research projects both within Surgery and with closely allied departments

Collaborates with clinical investigators on research proposals and grant submission

Plans and conducts continuing education courses for Baylor Scott & White Surgical faculty, residents and medical students that will keep them informed on up-to-date research and topics related to statistics in a clear, concise and professional manner as required

Support research activities for residents and medical students as required. Works closely with residents and faculty on development of resident research projects, aids residents in data collection, analysis and presentation of results

Performs other position appropriate duties as required in a competent, professional and courteous manner

KNOWLEDGE, SKILLS AND ABILITIES

Experience in design and conduct of research studies required

Evidence of scholarly activities including publications and research required

Experience with statistical software packages such as R, SAS or SPSS required
Sample size calculation experience preferred

Academic teaching experience preferred

Proficiency with written communication

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<th>Experience</th>
<th>3+ Years</th>
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<td>Education</td>
<td>Masters</td>
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