



A CAREER IN BIOSTATISTICS

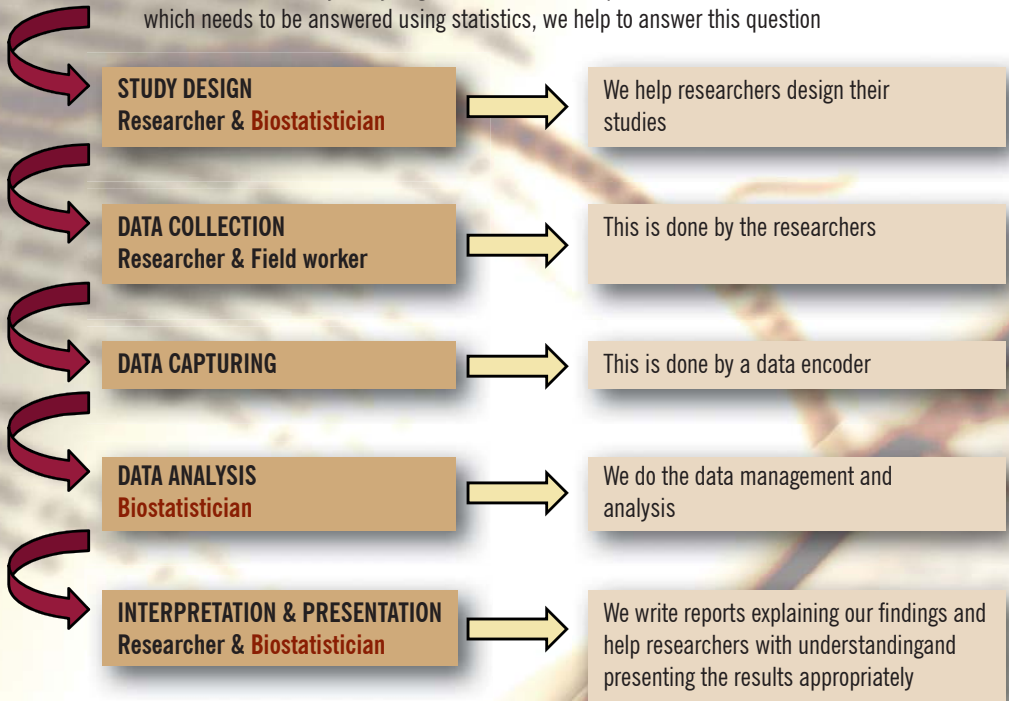
WHAT IS BIOSTATISTICS?

Biostatistics is the branch of applied statistics that involves developing and applying statistical techniques to scientific research which is done in health-related fields, such as public health, medicine and epidemiology

WHAT DO BIOSTATISTICIANS DO?

RESEARCH QUESTION

Every study begins with a research question which needs to be answered using statistics, we help to answer this question



WHERE CAN BIOSTATISTICIANS WORK?

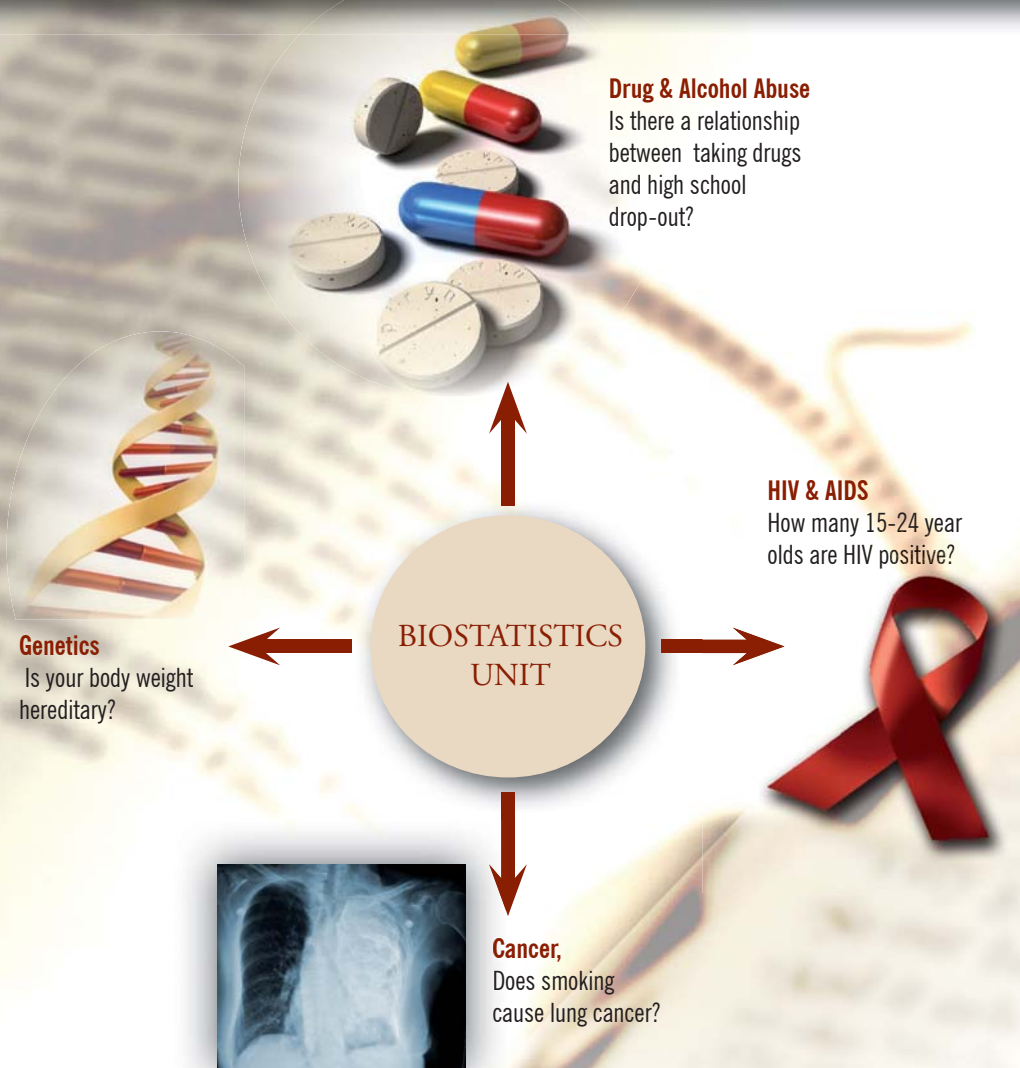
- Medical Research Council (MRC)
- Human Science Research Council (HSRC)
- Pharmaceutical industry (e.g. Quintiles, Paraxel)
- Health care and health insurance industry (Discovery)
- University medical schools e.g. UKZN (Africa Centre & Centre for the AIDS program of Research in South Africa (CAPRISA))

WHAT DO YOU NEED TO BECOME A BIOSTATISTICIAN?

- **HIGH SCHOOL:** Mathematics and Science
- **TERTIARY:** Bachelor of Science Degree with Statistics and Mathematics as majors
- **POST GRADUATE DEGREE:** Honours and Masters in Statistics/Biostatistics

ROLE OF BIOSTATISTICIANS AT THE MEDICAL RESEARCH COUNCIL

We provide statistical, methodological and data analysis support to medical and health researchers working within the MRC network, both nationally and internationally. The diagram below shows a few of the MRC research units that we are working with and the type of research questions that we helped them to answer:



For more information, call (021) 938 0335 OR visit our website:

<http://www.mrc.ac.za/biostatistics/biostatistics.htm>

OR

Visit the South African Statistical Association(SASA) website:

<http://www.sastat.org.za/careers.htm>